GENETYCA-ICM
INSTITUTO DE ESTUDOS CELULARES E MOLECULARES
PORTUGAL

genetyca-icm.com

CATÁLOGO DE TESTES

ICM code	Pathology definition	TAT
ICM100676	21-hydroxylase deficient congenital adrenal hyperplasia. CYP21A2 gene	45 days
ICM102146	3-methylcrotonyl deficit CoA carboxylase type 1. Gene MCCC1. Complete sequencing Sanger.	45 days
ICM102147	3-methylcrotonyl deficit CoA carboxylase type 2. Gene MCCC2. Complete sequencing Sanger.	45 days
ICM100274	3-methylcrotonyl deficit-CoA carboxylase. NGS panel. Genes MCCC1, MCCC2	45 days
ICM100026	3-methylglutaconic aciduria type 1. Gene AUH	45 days
ICM100027	3-methylglutaconic aciduria type 2 Gene TAZ	45 days
ICM100028	3-methylglutaconic aciduria type 3. Gene OPA3	45 days
ICM100029	3-methylglutaconic aciduria type 5. Gene DNAJC19	45 days
ICM100973	3-methylglutaconic aciduria. NGS panel 5 genes: AUH, OPA3, DNAJC19, TAZ, ATPAF2	45 days
ICM101227	3M syndrome type 1. Gene CUL7	45 days
ICM101228	3M syndrome type 2. Gene OBSL1	45 days
ICM101229	3M syndrome type 3. Gene CCDC8	45 days
ICM101947	Aarskog syndrome. Gene FGD1. Complete sequencing Sanger.	45 days
ICM102684	Aarskog syndrome. Gene FGD1. Deletions-duplications (MLPA).	30 days
ICM102180	Abetalipoproteinemia. Gene MTTP. Complete sequencing Sanger.	45 days
ICM101683	ACE gene. I / D polymorphism.	20 days
ICM100010	Aceruloplasminemia. Gene CP	45 days
ICM101833	Achondrogenesis type II. COL2A1 gene. Complete sequencing Sanger.	45 days
ICM100040	Achondroplasia. FGFR3 gene	45 days
ICM101953	Achondroplasia. FGFR3 gene. Exons 7, 8, 11 and 13.	25 days
ICM101955	Achondroplasia. FGFR3 gene. Mutations c.G1138A; c.G1138C.	15 days
ICM101956	Achondroplasia. FGFR3 gene. Mutations I538V; N540T; N540S; N540K; K650N; K650M; K650Q	20 days
ICM101957	Achondroplasia. FGFR3 gene. Mutations p.G380R; p.G375C.	15 days
ICM101954	Achondroplasia. FGFR3 gene. N540K mutation.	15 days
ICM101827	Achromatopsia type 2 CNGA3 Gen. Complete sequencing Sanger.	45 days
ICM101828	Achromatopsia type 3. Gene CNGB3. Complete sequencing Sanger.	45 days
ICM102023	Achromatopsia type 4. Gene GNAT2. Complete sequencing Sanger.	45 days
ICM102269	Achromatopsia. Gene PDE6C. Complete sequencing Sanger.	45 days
ICM100974	Achromatopsia. NGS panel 5 genes: CNGA3, CNGB3, GNAT2, PDE6H, PDE6C	45 days
ICM100972	Acidemia and methylmalonic aciduria. NGS panel 11 genes	45 days
ICM102667	Aciduria D-2-hydroxyglutaric. Gene D2HGDH. Deletions-duplications (MLPA).	30 days
ICM100031	Aciduria L-2-hydroxyglutaric. Gene L2HGDH	45 days
ICM102311	Acrodysostosis. Gene PRKAR1A. Complete sequencing Sanger.	45 days
ICM100375	Acrofacial dysostosis Weyers. Genes EVC, EVC2	45 days
ICM101921	Acrofacial dysostosis, Weyers type. EVC gene. Complete sequencing Sanger.	45 days
ICM102235	Acromesomelic dysplasia Maroteaux type. Gene NPR2. Complete sequencing Sanger.	45 days
ICM101193	Acute hepatic porphyria. ALAD gene	45 days
ICM101190	Acute intermittent porphyria. Gene HMBS	45 days
ICM102710	Acute intermittent porphyria. Gene HMBS. Deletions-duplications (MLPA).	30 days
ICM101732	Acute myelogenous leukemia / myelodysplastic syndrome. ASXL1 gene sequencing exon 12	15 days
ICM101968	Acute myelogenous leukemia. FLT3 gene. Asp835 mutation.	15 days
ICM101967	Acute myelogenous leukemia. FLT3 gene. internal tandem duplication.	45 days

ICM code	Pathology definition	TAT
ICM101799	Acute myelogenous leukemia. Gene CEBPA complete Sanger sequencing.	45 days
ICM102786	Acute myeloid leukemia. Gene RUNX1. Deletions-duplications (MLPA).	30 days
ICM102234	Acute myeloid leukemia. NPM1 gene. Complete sequencing Sanger.	45 days
ICM102233	Acute myeloid leukemia. NPM1 gene. Sequencing exon 12.	15 days
ICM101842	Acute porphyria (intermittent, Coproporphyria, Variagate. Gene CPOX. Complete sequencing Sanger.	45 days
ICM102672	Adams-Oliver syndrome. Gene DOCK6. Deletions-duplications (MLPA).	30 days
ICM100284	Adenine phosphoribosyltransferase deficiency. APRT gene	45 days
ICM100286	Adenosine deaminase deficiency. ADA gene	45 days
ICM102870	Adenovirus DNA detection.	10 days
ICM100046	Adrenoleukodystrophy. Gene ABCD1	45 days
ICM101959	Afibrinogenaemia congenital. FGG gene. Complete sequencing Sanger.	45 days
ICM100047	Afibrinogenaemia congenital. NGS panel. Genes FGA, FGB, FGG	45 days
ICM100048	Agammaglobulinemia 3. Gene CD79A	45 days
ICM100049	Agammaglobulinemia 4. Gene BLNK	45 days
ICM100050	Agammaglobulinemia 6. Gene CD79B	45 days
ICM101239	Aicardi-Goutières syndrome type 1. Gene TREX1	45 days
ICM101240	Aicardi-Goutières syndrome type 2. Gene RNASEH2B	45 days
ICM101241	Aicardi-Goutières syndrome type 3. Gen RNASEH2C	45 days
ICM101242	Aicardi-Goutières syndrome type 4. Gene RNASEH2A	45 days
ICM101243	Aicardi-Goutières syndrome type 5. Gene SAMHD1	45 days
ICM102084	Alagille syndrome. Gene JAG1. Complete sequencing Sanger.	30 days
ICM102718	Alagille syndrome. Gene JAG1. Deletions-duplications (MLPA).	30 days
ICM101244	Alagille syndrome. NGS panel. Genes: JAG1, NOTCH2	45 days
ICM102705	Albright osteodystrophy. GNAS gene. Deletions-duplications (MLPA).	30 days
ICM100059	Alcaptonuria. HGD gene	45 days
ICM100501	Alexander disease. GFAP gene	45 days
ICM102007	Alexander's disease. GFAP gene. Complete sequencing Sanger.	45 days
ICM100062	Alfa-Mannosidosis. Gene MAN2B1	45 days
ICM100888	Almacenamienti myopathy myosin. Gene MYH7	45 days
ICM100894	Alpha and Beta cell disease. Gene GNPTAB	45 days
ICM101682	Alpha methyl acetoacetyl aciduria. Gene ACAT1. Complete sequencing Sanger.	45 days
ICM100061	Alpha-1-antitrypsin. Gene SERPINA1	45 days
ICM102039	Alpha-thalassemia. Gene HBA (HBA1 / HBA2). Complete sequencing Sanger.	45 days
ICM102565	Alpha-thalassemia. Genes HBA (HBA1 / HBA2). Deletions α3.7, α4.2, α20.5, αSEA, αFIL and αMED.	25 days
ICM102852	Alpha-thalassemia. HBA1 genes, HBA2. Deletions-duplications (MLPA).	30 days
ICM100287	Alpha1-antitrypsin deficiency. Gene SERPINA1	45 days
ICM101102	Alport syndrome and thin basement membrane nephropathy. NGS panel 3 genes: COL4A3, COL4A4, COL4A5	45 days
ICM101246	Alport syndrome X-linked gene COL4A5	45 days
ICM101834	Alport syndrome. COL4A3 gene. Complete sequencing Sanger.	45 days
ICM102660	Alport syndrome. COL4A3 gene. Deletions-duplications (MLPA).	30 days
ICM101835	Alport syndrome. COL4A4 gene. Complete sequencing Sanger.	45 days
ICM102661	Alport syndrome. COL4A4 gene. Deletions-duplications (MLPA).	30 days
ICM101836	Alport syndrome. COL4A5 gene. Complete sequencing Sanger.	45 days
ICM102662	Alport syndrome. COL4A5 gene. Deletions-duplications (MLPA).	30 days
ICM101247	Alström syndrome. Gene ALMS1	45 days

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ICM101737	Alternating hemiplegia of childhood. Gene ATP1A3. Complete sequencing Sanger.	45 days
ICM102848	Alveolar capillary dysplasia. Genes FOXF1, MYCN, FOXC2, FOXL1. Deletions-duplications (MLPA).	30 days
ICM102625	Alzheimer disease type 1. APP gene. Deletions-duplications (MLPA).	30 days
ICM102326	Alzheimer disease type 4. Gene PSEN2. Complete sequencing Sanger.	45 days
ICM102837	Alzheimer disease. Genes APP / PSEN1, PSEN2. Deletions-duplications (MLPA).	30 days
ICM101033	Alzheimer disease. NGS Panel 82 genes	45 days
ICM101718	Alzheimer type 1 disease. APP gene. Complete sequencing Sanger.	45 days
ICM101717	Alzheimer type 2 disease. APOE gene. Genotyping. (E2 / e2, e3 / e3, e4 / e4, e2 / e3, e2 / e3 e4 / e4)	20 days
ICM102777	Alzheimer type 3 disease. Gene PSEN1. Deletions-duplications (MLPA).	30 days
ICM101581	Amegakaryocytic congenital thrombocytopenia. MPL gene	45 days
ICM102165	Amegakaryocytic congenital thrombocytopenia. MPL gene. W515L mutation.	15 days
ICM101332	Amish childhood epilepsy syndrome. Gene ST3GAL5	45 days
ICM100819	Amish lethal microcephaly of. Gene SLC25A19	45 days
ICM101712	Amyloidosis. Gene APOA1. Complete sequencing Sanger.	45 days
ICM100613	Amyotrophic lateral sclerosis type 1. SOD1 gene	45 days
ICM100614	Amyotrophic lateral sclerosis type 10. Gene TARDBP	45 days
ICM100615	Amyotrophic lateral sclerosis type 11. Gen FIG4	45 days
ICM100616	Amyotrophic lateral sclerosis type 12. Gene OPTN	45 days
ICM100617	Amyotrophic lateral sclerosis type 14. Gene VCP	45 days
ICM100618	Amyotrophic lateral sclerosis type 15. Gene UBQLN2	45 days
ICM100619	Amyotrophic lateral sclerosis type 16. Gene SIGMAR1	45 days
ICM100620	Amyotrophic lateral sclerosis type 17. Gene CHMP2B	45 days
ICM100621	Amyotrophic lateral sclerosis type 18. Gene PFN1	45 days
ICM100622	Amyotrophic lateral sclerosis type 2. Gene ALS2	45 days
ICM100623	Amyotrophic lateral sclerosis type 20. Gene HNRNPA1	45 days
ICM100624	Amyotrophic lateral sclerosis type 21. Gene MATR3	45 days
ICM100625	Amyotrophic lateral sclerosis type 4. Gene SETX	45 days
ICM100626	Amyotrophic lateral sclerosis type 6. Gene FUS	45 days
ICM100627	Amyotrophic lateral sclerosis type 8. Gene VAPB	45 days
ICM100628	Amyotrophic lateral sclerosis type 9. Gene ANG	45 days
ICM101873	Amyotrophy Scapuloperoneal: Kaeser syndrome. DES gene. Complete sequencing Sanger.	45 days
ICM101621	Analsis genetic hypercholesterolemia risk	20 days
ICM101083	Analysis of> 500 genes involved in response, prediction, toxicity or selection of chemotherapy. LIQUID BIOPSY	12 days
ICM101248	Andersen-Tawil syndrome. Gene KCNJ2	45 days
ICM102627	Androgen insensitivity. AR gene. Deletions-duplications (MLPA).	30 days
ICM101362	AndroGene insensitivity syndrome. AR gene	45 days
ICM101721	Androgynous insensitivity. AR gene. CAG expansion.	30 days
ICM101722	Androgynous insensitivity. AR gene. Complete sequencing Sanger.	45 days
ICM102535	Angelman syndrome. Gene UBE3A. Complete sequencing Sanger.	45 days
ICM102830	Angelman syndrome. Gene UBE3A. Deletions-duplications (MLPA).	30 days
ICM100386	Anhidrotic ectodermal dysplasia T cells deficiency. Gene NFKBIA	45 days
ICM100387	Anhidrotic ectodermal dysplasia with immune deficiency, osteopetrosis and lymphedema. Gene IKBKG	45 days
ICM100389	Anhidrotic ectodermal dysplasia with immunodeficiency osteopetrosis and lymphedema. Gene IKBKG	45 days

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ICM100388	Anhidrotic ectodermal dysplasia with immunodeficiency T cell. Gene NFKBIA	45 days
ICM102843	Anhidrotic ectodermal dysplasia X-linked. Genes EDA, EDAR, EDARADD, WNT10A. (MLPA).	30 days
ICM102076	Anhidrotic ectodermal dysplasia; immunodeficiency, osteopetrosis and lymphedema. IKBKG gene (NEMO). Complete sequencing Sanger	45 days
ICM102075	Anhidrotic ectodermal dysplasia; immunodeficiency, osteopetrosis and lymphedema. IKBKG gene (NEMO). Deletion exons 4 to 10	45 days
ICM101894	Anhidrotic ectodermal dysplasia. EDAR gene. Complete sequencing Sanger.	45 days
ICM101895	Anhidrotic ectodermal dysplasia. Gene EDARADD. Complete sequencing Sanger.	45 days
ICM101893	Anhidrotic X-linked ectodermal dysplasia. Gene EDA (ED1). Complete sequencing Sanger.	45 days
ICM100983	Aniridia. Gene PAX6	45 days
ICM102760	Aniridia. Gene PAX6. Deletions-duplications (MLPA).	30 days
ICM100098	Anophthalmia related to PAX6. Gene PAX6	45 days
ICM102395	Antithrombin III deficiency. SERPINC1 gene (AT3). Complete sequencing Sanger.	45 days
ICM100093	Aortic aneurysm family type 6. Gene thoracic ACTA2	45 days
ICM101908	Aortic Stenosis supravalvular. ELN gene. Complete sequencing Sanger.	45 days
ICM101253	Apert syndrome. FGFR2 gene	45 days
ICM102556	Aplasia / hypoplasia of limbs and pelvis- Phocomelia Schinzel type. Gene WNT7A	45 days
ICM101535	Aplasia congenital deafness with labyrinth, microtia and microdontia. FGFR3 gene	45 days
ICM100100	Arachnodactyly contractural congenital. Gene FBN2	45 days
ICM100435	Areolar choroidal dystrophy central type 2. Gene PRPH2	45 days
ICM100289	Arginase deficiency. Gene ARG1	45 days
ICM100290	Argininosuccinate lyase deficiency. Gene ASL	45 days
ICM100030	Argininosuccinic aciduria. Gene ASL	45 days
ICM101067	Arrhythmogenic right / ARVC ventricle. NGS Panel 7 genes	45 days
ICM102283	Arrhythmogenic right ventricular dysplasia type 9. Gene PKP2. Complete sequencing Sanger.	45 days
ICM101463	Arterial tortuosity syndrome. Gene SLC2A10	45 days
ICM100104	Arteriopathy with subcortical cerebral infarcts and leukoencephalopathy. Genes NOTCH3, HTRA1	45 days
ICM101411	Arteriovenous malformation syndrome capillary-malformation. Gene RASA1	45 days
ICM101254	Arts syndrome. Gene PRPS1	45 days
ICM100106	Aspartylglucosaminuria. AGA gene	45 days
ICM102073	Asphyxiating thoracic dystrophy type 2. Gene IFT80. Complete sequencing Sanger.	45 days
ICM101719	Ataxia - oculomotor apraxia type 1. Gene APTX. Complete sequencing Sanger.	45 days
ICM102797	Ataxia - oculomotor apraxia type 2. SETX Gen. Deletions-duplications (MLPA).	30 days
ICM102626	Ataxia - oculomotor apraxia type. Gene APTX. Deletions-duplications (MLPA).	30 days
ICM100123	Ataxia and sideroblastic anemia X-linke. Gene ABCB7	45 days
ICM100121	Ataxia telangiectasia. ATM gene	45 days
ICM102632	Ataxia telangiectasia. ATM gene. Deletions-duplications (MLPA).	30 days
ICM100108	Ataxia with oculomotor apraxia type 1. Gene APTX	45 days
ICM100109	Ataxia with oculomotor apraxia type 2 Gene SETX	45 days
ICM100110	Ataxia with vitamin E deficiency Gene APTT	45 days

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ICM100124	Atelosteogenesis type 1. Gene FLNB	45 days
ICM100125	Atelosteogenesis Type 1B. SLC26A2 gene	45 days
ICM100126	Atelosteogenesis type 2. Gene SLC26A2	45 days
ICM100127	Atelosteogenesis type 3. Gene FLNB	45 days
ICM100307	ATP synthase deficiency, nuclear type 1. Gene ATPAF2	45 days
ICM101735	Atrophy dentatothalamocortical category pallidoluysian Louisiana. Gene ATN1 (DRPLA). CAG expansion.	30 days
ICM102246	Atrophy optical type 1. Gene OPA1. Complete sequencing Sanger.	45 days
ICM102755	Atrophy optical type 1. Gene OPA1. Deletions-duplications (MLPA).	30 days
ICM102247	Atrophy optical type 3. Gene OPA3. Complete sequencing Sanger.	45 days
ICM101708	Atypical glycine encephalopathy. AMT gene. Complete sequencing Sanger.	45 days
ICM102702	Atypical glycine encephalopathy. Gene GLDC. Deletions-duplications (MLPA).	30 days
ICM102644	Atypical hemolytic uremic syndrome (atypical form). CFH gene. Deletions-duplications (MLPA).	30 days
ICM102841	Atypical hemolytic uremic syndrome. CD46 gene, CFI. Deletions-duplications (MLPA).	30 days
ICM101009	Autism and autism spectrum disorders. NGS panel 13 genes	45 days
ICM101976	Autoimmune enteropathy 1 - IPEX syndrome. FOXP3 gene. Complete sequencing Sanger.	45 days
ICM101513	Autoimmune lymphoproliferative syndrome type IA. FAS gene	45 days
ICM101514	Autoimmune lymphoproliferative syndrome type IB. Gene FASLG	45 days
ICM101515	Autoimmune lymphoproliferative syndrome type II A. Gene CASP10	45 days
ICM101939	Autoimmune lymphoproliferative syndrome. Gene FASLG. Complete sequencing Sanger.	45 days
ICM101697	Autoimmune polyendocrinopathy 1. Gene AIR. Complete sequencing Sanger.	45 days
ICM101103	Autosomal Alport syndrome. NGS panel 2 genes: COL4A3, COL4A4	45 days
ICM100346	Autosomal diabetes insipidus insipidus. AQP2 gene	45 days
ICM101211	Autosomal dominant hypophosphatemic rickets. FGF23 gene	45 days
ICM102732	Autosomal dominant leukodystrophy adult onset. Gene LMNB1. Deletions-duplications (MLPA).	30 days
ICM100956	Autosomal dominant osteopetrosis type 1. Gene LRP5	45 days
ICM100957	Autosomal dominant osteopetrosis type 2 Gene CLCN7	45 days
ICM100566	Autosomal dominant polycystic kidney disease. NGS panel. Genes PKD1, PKD2	45 days
ICM101151	Autosomal dominant spastic paraplegia type 10. Gene KIF5A	45 days
ICM101153	Autosomal dominant spastic paraplegia type 13 Gene HSPD1	45 days
ICM101154	Autosomal dominant spastic paraplegia type 17. Gene BSCL2	45 days
ICM101156	Autosomal dominant spastic paraplegia type 33. Gene ZFYVE27	45 days
ICM101157	Autosomal dominant spastic paraplegia type 3A. Gene ATL1	45 days
ICM101158	Autosomal dominant spastic paraplegia type 4 Gene SPAST	45 days
ICM101159	Autosomal dominant spastic paraplegia type 42. Gene SLC33A1	45 days
ICM101161	Autosomal dominant spastic paraplegia type 8 Gene KIAA0196	45 days
ICM101361	Autosomal dominant syndrome Hyper IgE. STAT3 gene	45 days
ICM100736	Autosomal recessive congenital ichthyosis 10. Gene PNPLA1	45 days
ICM100737	Autosomal recessive congenital ichthyosis type 5. Gene CYP4F22	45 days
ICM100738	Autosomal recessive congenital ichthyosis type 6. Gene NIPAL4	45 days
ICM100211	Autosomal recessive Cutis Laxa. NGS panel. Genes EFEMP2, ATP6V0A2, FBLN5	45 days
ICM100224	Autosomal recessive mental retardation 7. Gene TUSC3	45 days
ICM100958	Autosomal recessive osteopetrosis type 1. Gene TCIRG1	45 days

ICM code	Pathology definition	TAT
ICM100959	Autosomal recessive osteopetrosis type 2 Gene TNFSF11	45 days
ICM100960	Autosomal recessive osteopetrosis type 3. Gene CA2	45 days
ICM100961	Autosomal recessive osteopetrosis type 4 Gene CLCN7	45 days
ICM100962	Autosomal recessive osteopetrosis type 5. Gene OSTM1	45 days
ICM100963	Autosomal recessive osteopetrosis type 6. Gene PLEKHM1	45 days
ICM100964	Autosomal recessive osteopetrosis type 7. Gene TNFRSF11A	45 days
ICM100568	Autosomal recessive polycystic kidney disease. Gene PKHD1	45 days
ICM100824	Autosomal recessive primary microcephaly 5. Gene ASPM	45 days
ICM100822	Autosomal recessive primary microcephaly type 3. Gene CDK5RAP2	45 days
ICM100823	Autosomal recessive primary microcephaly type 4 Gene CASC5	45 days
ICM100826	Autosomal recessive primary microcephaly type 7. Gene STIL	45 days
ICM100828	Autosomal recessive primary microcephaly type 9. Gene CEP152	45 days
ICM101139	Autosomal recessive primary microcephaly. NGS Panel 10 genes	45 days
ICM100941	Autosomal recessive progressive external ophthalmoplegia. Gene POLG	45 days
ICM101150	Autosomal recessive spastic paraplegia type 5A. CYP7B1 gene	45 days
ICM100107	Autosomal recessive spinocerebellar ataxia related to SYNE1. Gene SYNE1	45 days
ICM101690	Autosomal recessive spinocerebellar ataxia type 9. Gene ADCK3 (CABC1). Complete sequencing Sanger.	45 days
ICM101447	Autosomal recessive syndrome Robinow. Gene ROR2	45 days
ICM101972	Axenfeld-Rieger syndrome. Gene FOXC1. Complete sequencing Sanger.	45 days
ICM101255	Baller-Gerold syndrome. Gene RECQL4	45 days
ICM101257	Bardet-Biedl syndrome type 1. Gene BBS1	45 days
ICM101258	Bardet-Biedl syndrome type 10. Gene BBS10	45 days
ICM101259	Bardet-Biedl syndrome type 11. Gene TRIM32	45 days
ICM101260	Bardet-Biedl syndrome type 12. Gene BBS12	45 days
ICM101261	Bardet-Biedl syndrome type 13. Gene MKS1	45 days
ICM101262	Bardet-Biedl syndrome type 14. Gene CEP290	45 days
ICM101263	Bardet-Biedl syndrome type 15. Gene WDPCP	45 days
ICM101264	Bardet-Biedl syndrome type 16. Gene SDCCAG8	45 days
ICM101265	Bardet-Biedl syndrome type 17. Gene LZTFL1	45 days
ICM101266	Bardet-Biedl syndrome type 2. Gene BBS2	45 days
ICM101267	Bardet-Biedl syndrome type 3 Gene ARL6	45 days
ICM101268	Bardet-Biedl syndrome type 4. Gene BBS4	45 days
ICM101269	Bardet-Biedl syndrome type 5. Gene BBS5	45 days
ICM101270	Bardet-Biedl syndrome type 6. Gene MKKS	45 days
ICM101271	Bardet-Biedl syndrome type 7. Gene BBS7	45 days
ICM101272	Bardet-Biedl syndrome type 8. Gene TTC8	45 days
ICM101273	Bardet-Biedl syndrome type 9. Gene BBS9	45 days
ICM101104	Bardet-Biedl syndrome. NGS Panel 18 genes	45 days
ICM101759	Bardet-Biedl type 5 syndrome. Gene BBS5. Complete sequencing Sanger.	45 days
ICM102472	Barth syndrome. TAZ gene. Complete sequencing Sanger.	45 days
ICM101274	Bartter syndrome type 1. SLC12A1 Gene	45 days
ICM101275	Bartter syndrome type 2. Gene KCNJ1	45 days
ICM101276	Bartter syndrome type 3. Gene CLCNKB	45 days
ICM102650	Bartter syndrome type 3. Gene CLCNKB. Deletions-duplications (MLPA).	30 days
ICM101278	Bartter syndrome type 4A. Gene BSND	45 days
ICM101105	Bartter syndrome. NGS panel 4 genes: BSND, KCNJ1, SLC12A1, CLCNKB	45 days
ICM100442	Becker muscular dystrophy. DMD gene	45 days
ICM101797	Beckwith-Wiedemann syndrome. Gene CDKN1C. Complete sequencing Sanger.	45 days

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ICM102221	Benign familiar Korea. Gene NKX2-1 (TITF1). Complete sequencing Sanger.	45 days
ICM102748	Benign familiar Korea. NKX2-1 gene. Deletions-duplications (MLPA).	30 days
ICM102102	Benign neonatal epilepsy type 2. gene KCNQ3. Complete sequencing Sanger.	45 days
ICM100191	Benign recurrent intrahepatic cholestasis type 2. Gene ABCB11	45 days
ICM102026	Bernard-Souler syndrome. Gene GP1BA. Complete sequencing Sanger.	45 days
ICM102027	Bernard-Souler syndrome. Gene GP1BB. Complete sequencing Sanger.	45 days
ICM102028	Bernard-Souler syndrome. Gene GP9. Complete sequencing Sanger.	45 days
ICM101279	Bernard-Soulier syndrome associated GP1BA. Gene GP1BA	45 days
ICM102040	Beta thalassemia. HBB gene. P.Glu6Val mutation.	15 days
ICM100090	Beta thalassemia. Sickle cell anemia. HBB gene	45 days
ICM100292	Beta-ketothiolase deficit. Gene ACAT1	45 days
ICM100138	Beta-Thalassemia. HBB gene	45 days
ICM100434	Bietti corneoretinal crystalline dystrophy. Gene CYP4V2	45 days
ICM100294	Biotinidase deficiency. BTD gene	45 days
ICM102099	Birk-Barel syndrome. Gene KCNK9. Complete sequencing Sanger.	45 days
ICM102688	Birt-Hogg-Dubé syndrome. FLCN gene. Deletions-duplications (MLPA).	30 days
ICM101281	Birt-Hogg-Dubé. Gene FLCN	45 days
ICM100234	Birth defects of type II glycosylation. Gene ALG2	45 days
ICM101764	Björnstadt syndrome. Gene BCS1L. Complete sequencing Sanger.	45 days
ICM101282	Blepharophimosis syndrome. Gene FOXL2	45 days
ICM102693	Blepharophimosis, ptosis and reverse epicanto types 1 and 2. Gene FOXL2. Deletions-duplications (MLPA).	30 days
ICM101283	Bloom syndrome. BLM gene	45 days
ICM102275	Borjeson-Forssman-Lehmann syndrome. Gene PHF6. Complete sequencing Sanger.	45 days
ICM102354	Bothnia retinal dystrophy. Gene RLBP1. Complete sequencing Sanger.	45 days
ICM102074	Brachydactyly type A1. IHH gene. Complete sequencing Sanger.	45 days
ICM101768	Brachydactyly type A2. BMP2 gene. Complete sequencing Sanger.	45 days
ICM101770	Brachydactyly type A2. Gene BMPR1B. Complete sequencing Sanger.	45 days
ICM102359	Brachydactyly type B. Gene ROR2. Complete sequencing Sanger.	45 days
ICM102332	Brachydactyly type E2. Gene PTHLH. Complete sequencing Sanger.	45 days
ICM101231	Branchio-eye-syndrome facial. Gene TFAP2A	45 days
ICM101233	Branchio-otic syndrome type 1. Gene EYA1	45 days
ICM101234	Branchio-otic syndrome type 3. Gene SIX1	45 days
ICM101924	Branchio-oto-renal syndrome - BOR syndrome. Gene EYA1. Complete sequencing Sanger.	45 days
ICM102415	Branchio-oto-renal syndrome - BOR syndrome. Gene SIX5. Complete sequencing Sanger.	45 days
ICM100988	Breast / ovarian cancer. NGS Panel 21 genes	45 days
ICM100998	Breast / ovarian cancer. NGS panel 2 genes: BRCA1, BRCA2	45 days
ICM101773	Breast cancer. BRCA1 gene. Complete sequencing Sanger Sanger.	45 days
ICM102637	Breast cancer. BRCA1 gene. Deletions-duplications (MLPA).	30 days
ICM101774	Breast cancer. BRCA2 gene. Complete sequencing Sanger Sanger.	45 days
ICM102638	Breast cancer. BRCA2 gene. Deletions-duplications (MLPA).	30 days
ICM102839	Breast cancer. Genes BRCA1, BRCA2. Deletions-duplications (MLPA).	30 days
ICM102825	Breast cancer. TP53 gene. Deletions-duplications (MLPA).	30 days
ICM100861	Brody myopathy. Gene ATP2A1	45 days
ICM102794	Brugada syndrome type 1. SCN5A gene. Deletions-duplications (MLPA).	30 days
ICM101106	Brugada syndrome. NGS panel 7 genes: SCN5A, CACNA1C, CACNB2, GPD1L, SCN1B, KCNE3, SCN3B	45 days

ICM code	Pathology definition	TAT
ICM102126	Buschke-Ollendorff syndrome. LEMD3 gene (MAN1). Complete sequencing Sanger.	45 days
ICM101762	Butyryl-cholinesterase deficiency. Gene BCHE. Complete sequencing Sanger.	45 days
ICM102974	CADASIL: Cerebral arteriopathy with subcortical infarcts and AD leukoencephalopathy. Gen NOTCH3. Exons 2 to 6 and 11	30 days
ICM102227	CADASIL: Cerebral arteriopathy with subcortical infarcts and AD leukoencephalopathy. Gene NOTCH3. Complete sequencing Sanger.	45 days
ICM102226	CADASIL: Cerebral arteriopathy with subcortical infarcts and AD leukoencephalopathy. Gene NOTCH3. Exons 3 and 4.	45 days
ICM100503	Caffey disease. COL1A1 gene	45 days
ICM102065	CAH deficit 3-beta-hydroxysteroid dehydrogenase. Gene HSD3B2. Complete sequencing Sanger	45 days
ICM100380	Campomelic dysplasia. SOX9 gene	45 days
ICM102813	Campomelic dysplasia. SOX9 gene. Deletions-duplications (MLPA).	30 days
ICM100504	Camurati-Engelmann disease. Gene TGFB1	45 days
ICM102482	Camurati-Engelmann disease. Gene TGFB1. Complete sequencing Sanger.	45 days
ICM100505	Canavan disease. ASPA gene	45 days
ICM101730	Canavan disease. ASPA gene. Complete sequencing Sanger.	45 days
ICM102630	Canavan disease. ASPA gene. Deletions-duplications (MLPA).	30 days
ICM102978	Cáncer de mama / ovario. Gen RAD51D	45 days
ICM101769	Cancer Family nonpolyposis colon. Gene BMPR1A. Complete sequencing Sanger.	45 days
ICM102742	Cancer Family nonpolyposis colon. MSH6 gene. Deletions-duplications (MLPA).	30 days
ICM102876	Candida DNA detection.	10 days
ICM100862	Cap myopathy type 1. Gene ACTA1	45 days
ICM100863	Cap myopathy type 2. Gene TPM2	45 days
ICM100864	Cap myopathy type 3. Gene TPM3	45 days
ICM100295	Carbamoyl synthetase deficiency type I Gene CPS1	45 days
ICM100500	Cardiac / CCD Conductive disease. SCN5A gene	45 days
ICM102186	Cardiac septal. Gene MYH6. Complete sequencing Sanger.	45 days
ICM101772	Cardio-facio-cutaneous syndrome. BRAF gene. Complete sequencing Sanger.	45 days
ICM101101	Cardio-facio-cutaneous. Syndrome NGS panel 4 genes: BRAF, KRAS, MAP2K1, MAP2K2	45 days
ICM101423	Cardiofaciocutaneous syndrome. MAP2K1 gene	45 days
ICM101068	Cardiomyopathy with conduction defects / DCM + CCD. NGS panel 2 genes: SCN5A, LMNA	45 days
ICM100195	Carney complex. Gene PRKAR1A	45 days
ICM102419	Carnitine deficiency. SLC22A5 gene. Complete sequencing Sanger.	45 days
ICM102804	Carnitine deficiency. SLC22A5 gene. Deletions-duplications (MLPA).	30 days
ICM100296	Carnitine palmitoyl transferase deficiency type I. Gene CPT1A	45 days
ICM100297	Carnitine palmitoyl transferase deficiency type II. Gene CPT2	45 days
ICM101785	Catecholaminergic polymorphic ventricular tachycardia. Gene CASQ2. Complete sequencing Sanger.	45 days
ICM102942	Celiac disease, susceptibility	15 days
ICM100563	Central core disease. RYR1 gene	45 days
ICM100697	Cerebellar hypoplasia associated with VLDRL. Gene VLDLR	45 days
ICM100095	Cerebral amyloid angiopathy related to APP. APP gene	45 days
ICM100096	Cerebral amyloid angiopathy related to CST3. Gene CST3	45 days
ICM100097	Cerebral amyloid angiopathy related to ITM2B. Gene ITM2B	45 days
ICM100982	Cerebral amyloid angiopathy. NGS panel 3 genes: CST3, APP, ITM2B	45 days

ICM code	Pathology definition	TAT
ICM100101	Cerebral autosomal dominant arteriopathy; subcortical infarcts and leukoencephalopathy. Gene NOTCH3	45 days
ICM100103	Cerebral autosomal recessive arteriopathy; subcortical infarcts and leukoencephalopathy. Gene HTRA1	45 days
ICM101321	Cerebral dysgenesis syndrome-neuropathy-ichthyosis-palmoplantar keratoderma. SNAP29 gene	45 days
ICM100499	Cerebral small vessel disease with bleeding. COL4A1 gene	45 days
ICM101592	Cerebrotendinous xanthomatosis. CYP27A1 gene	45 days
ICM100801	Ceroid lipofuscinosis neuronal- 4, Parry type. Gene DNAJC5	45 days
ICM102307	Ceroid neuronal ceroid. PPT1 gene. Complete sequencing Sanger.	45 days
ICM100968	CFTR-related hereditary pancreatitis. CFTR gene	45 days
ICM101284	Char syndrome. Gene TFAP2B	45 days
ICM101005	Charcot-Marie-Tooth disease and other inherited peripheral neuropathies. NGS panel 47 genes	45 days
ICM101839	Charcot-Marie-Tooth disease type 1A. Gene COX10. Complete sequencing Sanger.	45 days
ICM100143	Charcot-Marie-Tooth disease type 1A. PMP22 gene	45 days
ICM102772	Charcot-Marie-Tooth disease type 1A. PMP22 gene. Deletions-duplications (MLPA).	30 days
ICM100145	Charcot-Marie-Tooth disease type 1C. Gene LITAF	45 days
ICM100146	Charcot-Marie-Tooth disease type 1D. Gene EGR2	45 days
ICM100147	Charcot-Marie-Tooth disease type 1E. PMP22 gene	45 days
ICM100148	Charcot-Marie-Tooth disease type 1F. Gene NEFL	45 days
ICM100150	Charcot-Marie-Tooth disease type 2A1. Gene KIF1B	45 days
ICM100151	Charcot-Marie-Tooth disease type 2A2. Gene MFN2	45 days
ICM100152	Charcot-Marie-Tooth disease type 2B. Gene RAB7A	45 days
ICM100153	Charcot-Marie-Tooth disease type 2B1. LMNA gene	45 days
ICM102731	Charcot-Marie-Tooth disease type 2B1. LMNA gene. Deletions-duplications (MLPA).	30 days
ICM100154	Charcot-Marie-Tooth disease type 2B2. MED25 gene	45 days
ICM100155	Charcot-Marie-Tooth disease type 2C. TRPV4 gene	45 days
ICM100157	Charcot-Marie-Tooth disease type 2E. Gene NEFL	45 days
ICM100158	Charcot-Marie-Tooth disease type 2F. Gene HSPB1	45 days
ICM100159	Charcot-Marie-Tooth disease type 2H and 2K. Gene GDAP1	45 days
ICM100160	Charcot-Marie-Tooth disease type 2I. MPZ gene	45 days
ICM100161	Charcot-Marie-Tooth disease type 2J. MPZ gene	45 days
ICM102003	Charcot-Marie-Tooth disease type 2K / 4A. Gene GDAP1. Complete sequencing Sanger.	45 days
ICM102697	Charcot-Marie-Tooth disease type 2K / 4A. Gene GDAP1. Deletions-duplications (MLPA).	30 days
ICM100162	Charcot-Marie-Tooth disease type 2L. Gene HSPB8	45 days
ICM100163	Charcot-Marie-Tooth disease type 2N. AARS gene	45 days
ICM100164	Charcot-Marie-Tooth disease type 2O. Gene Dync1h1	45 days
ICM100165	Charcot-Marie-Tooth disease type 2P. Gene LRSAM1	45 days
ICM100166	Charcot-Marie-Tooth disease type 2Q. Gene DHTKD1	45 days
ICM100167	Charcot-Marie-Tooth disease type 3. NGS panel. Genes MPZ, PMP22, EGR2, PRX	45 days
ICM100168	Charcot-Marie-Tooth disease type 4A. Gene GDAP1	45 days
ICM100169	Charcot-Marie-Tooth disease type 4B1. Gene MTMR2	45 days
ICM100170	Charcot-Marie-Tooth disease type 4B2. Gene SBF2	45 days
ICM100171	Charcot-Marie-Tooth disease type 4B3. Gene SBF1	45 days
ICM100172	Charcot-Marie-Tooth disease type 4C. Gene SH3TC2	45 days

ICM code	Pathology definition	TAT
ICM102799	Charcot-Marie-Tooth disease type 4C. Gene SH3TC2. Deletions-duplications (MLPA).	30 days
ICM100173	Charcot-Marie-Tooth disease type 4D. Gene NDRG1	45 days
ICM100174	Charcot-Marie-Tooth disease type 4E. Gene EGR2	45 days
ICM100175	Charcot-Marie-Tooth disease type 4F. PRX gene	45 days
ICM100176	Charcot-Marie-Tooth disease type 4H. Gene FGD4	45 days
ICM100177	Charcot-Marie-Tooth disease type 4J. Gene FIG4	45 days
ICM100140	Charcot-Marie-Tooth disease X-linked type 4. Gene AIFM1	45 days
ICM100178	Charcot-Marie-Tooth disease, dominant intermediate B. Gene DNM2	45 days
ICM100179	Charcot-Marie-Tooth disease, dominant intermediate C. Gene YARS	45 days
ICM100184	Charcot-Marie-Tooth disease, dominant intermediate D. Gene MPZ	45 days
ICM100180	Charcot-Marie-Tooth disease, dominant intermediate E. Gene INF2	45 days
ICM100181	Charcot-Marie-Tooth disease, dominant intermediate Gene F. GNB4	45 days
ICM100139	Charcot-Marie-Tooth type 1 X-linked. Gene GJB1	45 days
ICM100144	Charcot-Marie-Tooth type 1B. MPZ gene	45 days
ICM100149	Charcot-Marie-Tooth type 2. Gene BSCL2	45 days
ICM100156	Charcot-Marie-Tooth type 2D. GARS gene	45 days
ICM100141	Charcot-Marie-Tooth type 5. X-linked. Gene PRPS1	45 days
ICM100142	Charcot-Marie-Tooth type 6. X-linked. Gene PDK3	45 days
ICM102011	Charcot-Marie-Tooth X-linked. Gene GJB1 (Cx32). Complete sequencing Sanger.	45 days
ICM102699	Charcot-Marie-Tooth X-linked. Gene GJB1. Deletions-duplications (MLPA).	30 days
ICM100183	Charcot-Marie-Tooth, intermediate recessive B. Gene KARS.	45 days
ICM100182	Charcot-Marie-Tooth, intermediate recessive, A. Gene GDAP1	45 days
ICM102646	Charge syndrome. CHD7 gene. Deletions-duplications (MLPA).	30 days
ICM101285	CHARGE syndrome. Gene CHD7	45 days
ICM101289	Chediak-Higashi syndrome. Gene LYST	45 days
ICM101210	Cherubism. Gene SH3BP2	45 days
ICM101728	Child early epileptic encephalopathy. ARX gene. Complete sequencing Sanger.	45 days
ICM102629	Child early epileptic encephalopathy. ARX gene. Deletions-duplications (MLPA).	30 days
ICM100118	Childhood-onset spinocerebellar ataxia. Gene C10orf2	45 days
ICM102331	Chondrodysplasia Blomstrand type. PTH1R gene (PTHR1). Complete sequencing Sanger.	45 days
ICM100205	Chondrodysplasia punctata type Rhizomelic 3. Gene AGPS	45 days
ICM101892	Chondrodysplasia punctata X-linked dominant. EBP gene. Complete sequencing Sanger.	45 days
ICM101727	Chondrodysplasia punctata X-linked recessive. RHEA gene. Complete sequencing Sanger.	45 days
ICM100199	Chondrodysplasia punctata X-linked type 1. Gene RHEA	45 days
ICM100200	Chondrodysplasia punctata X-linked type 2. Gene EBP	45 days
ICM100202	Chondrodysplasia punctata X-linked. Genes ASS, EBP	45 days
ICM100997	Chondrosarcoma. NGS panel 2 genes: EXT1, EXT2	45 days
ICM100209	Choroideremia. CHM gene	45 days
ICM102648	Choroideremia. CHM gene. Deletions-duplications (MLPA).	30 days
ICM100210	Choroidopathy vitreoretinal. Gene BEST1	45 days
ICM101857	Chronic granulomatous disease. Gene CYBA. Complete sequencing Sanger.	45 days
ICM101858	Chronic granulomatous disease. Gene CYBB. Complete sequencing Sanger.	45 days

ICM code	Pathology definition	TAT
ICM102194	Chronic granulomatous disease. Gene NCF1. Complete sequencing Sanger.	45 days
ICM102195	Chronic granulomatous disease. Gene NCF2. Complete sequencing Sanger.	45 days
ICM100564	Chronic granulomatous disease. NGS panel. Genes, NCF1, NCF2, CYBA NCF4, CYBB	45 days
ICM102295	Chronic progressive external ophthalmoplegia AD type 4. Gene POLG2. Complete sequencing Sanger.	45 days
ICM102463	CID syndromic or with associated symptoms. Gene STAT5B. Complete sequencing Sanger.	45 days
ICM100299	Citrine deficit. Gene SLC25A13	45 days
ICM102420	Citrullinemia type 2. Gene SLC25A13. Complete sequencing Sanger.	45 days
ICM100187	Citrullinemia type I. Gene ASS1	45 days
ICM100189	Citrullinemia. Genes ASS1, SLC25A13	45 days
ICM102715	Cleft lip with or without cleft palate. IRF6 gene. Deletions-duplications (MLPA).	30 days
ICM100381	Cleidocraneal dysplasia. Gene RUNX2	45 days
ICM102374	Cleidocraneal dysplasia. Gene RUNX2. Complete sequencing Sanger.	45 days
ICM101632	Clonality B (IgH rearrangements)	10 days
ICM101633	Clonality T (TCR rearrangements)	10 days
ICM102425	Cloreto congenital diarrhea. SLC26A3 gene. Complete sequencing Sanger.	45 days
ICM101290	Clouston syndrome. Gene GJB6	45 days
ICM101291	COACH syndrome. TMEM67 gene	45 days
ICM101134	Coagulation disorders. NGS Panel 20 genes	45 days
ICM101293	Cockayne syndrome type B. NGS panel. Genes: ERCC8, ERCC6	45 days
ICM101918	Cockayne syndrome. ERCC6 gene (CBS). Complete sequencing Sanger.	45 days
ICM101919	Cockayne syndrome. Gene ERCC8 (CKN1, CSA). Complete sequencing Sanger.	45 days
ICM100300	Coenzyme Q10 deficiency related to APTX. Gene APTX	45 days
ICM100331	Coenzyme Q10 primary deficit of type 1. Gene COQ2	45 days
ICM100332	Coenzyme Q10 primary deficit of type 2. Gene PDSS1	45 days
ICM100333	Coenzyme Q10 primary deficit of type 3. Gene PDSS2	45 days
ICM100334	Coenzyme Q10 primary deficit of type 4. Gene ADCK3	45 days
ICM102785	Coffin Lowry syndrome. Gene RPS6KA3. Deletions-duplications (MLPA).	30 days
ICM101294	Coffin-Lowry syndrome. Gene RPS6KA3	45 days
ICM102628	Coffin-Siris syndrome. Gene ARID1b. Deletions-duplications (MLPA).	30 days
ICM101295	Cohen syndrome. Gene VPS13B	45 days
ICM102761	Coloboma of optic nerve. Gene PAX6. Deletions-duplications (MLPA).	30 days
ICM102182	Colon cancer. Adenomatous polyposis colorectal. MUTYH gene (MYH). Complete sequencing Sanger.	45 days
ICM102181	Colon cancer. Adenomatous polyposis colorectal. MUTYH gene (MYH). Mutations Y165C; G382D.	20 days
ICM102624	Colon cancer. Familial adenomatous polyposis. APC gene. Deletions-duplications (MLPA).	30 days
ICM102854	Colon cancer. Genes MLH1, MSH2, EPCAM. Deletions-duplications (MLPA).	30 days
ICM102853	Colon cancer. MLH1, MLH3, MSH2, MSH3, MSH6, PMS2, MS-MGMT by MLPA. (MLPA).	30 days
ICM102239	Colon cancer. NRAS gene. Complete sequencing Sanger.	45 days
ICM101087	Colorectal cancer. Molecular characterization. LIQUID BIOPSY	12 days
ICM101015	Combined deficits of oxidative phosphorylation. NGS panel 9 genes	45 days
ICM100260	Combined oxidative phosphorylation deficiency type 1 Gene GFM1	45 days
ICM100261	Combined oxidative phosphorylation deficiency type 14. Gene FARS2	45 days

ICM code	Pathology definition	TAT
ICM100262	Combined oxidative phosphorylation deficiency type 15. Gene MTFMT	45 days
ICM100263	Combined oxidative phosphorylation deficiency type 2. Gene MRPS16	45 days
ICM100264	Combined oxidative phosphorylation deficiency type 3. Gene TSFM	45 days
ICM100265	Combined oxidative phosphorylation deficiency type 4. Gene TUFM	45 days
ICM100266	Combined oxidative phosphorylation deficiency type 5. Gene MRPS22	45 days
ICM100267	Combined oxidative phosphorylation deficiency type 7. Gene C12orf65	45 days
ICM100268	Combined oxidative phosphorylation deficiency type 8. Gene AARS2	45 days
ICM100254	Combined pituitary hormone deficiency type 1 gene POU1F1	45 days
ICM100255	Combined pituitary hormone deficiency type 2. Gene PROP1	45 days
ICM100256	Combined pituitary hormone deficiency type 3. Gene LHX3	45 days
ICM100257	Combined pituitary hormone deficiency type 4. Gene LHX4	45 days
ICM100258	Combined pituitary hormone deficiency type 5. Gene HESX1	45 days
ICM100259	Combined pituitary hormone deficiency type 6. Gene OTX2	45 days
ICM101012	Combined pituitary hormone deficiency. NGS panel 8 genes	45 days
ICM100765	Common Variable Immunodeficiency 1. Gene ICOS	45 days
ICM100770	Common Variable Immunodeficiency 4. Gene TNFRSF13C	45 days
ICM100778	Common Variable Immunodeficiency 8. Gene LRBA	45 days
ICM100766	Common variable immunodeficiency type 2. Gene TNFRSF13B	45 days
ICM100773	Common variable immunodeficiency type 5. Gene MS4A1	45 days
ICM100774	Common variable immunodeficiency type 6. Gene CD81	45 days
ICM100777	Common variable immunodeficiency type 7. Gene CR2	45 days
ICM100769	Common variable immunodeficiency virus type 3. CD19 Gene	45 days
ICM101059	Common variable immunodeficiency. NGS panel 8 genes	45 days
ICM101696	Cone dystrophy. Gene AIPL1. Complete sequencing Sanger.	45 days
ICM101029	Cone dystrophy. NGS Panel 22 genes	45 days
ICM100137	Congenital absence of the vas deferens. CFTR gene	45 days
ICM101356	Congenital adrenal hypoplasia X-linked. Gene CD40LG	45 days
ICM100712	Congenital adrenal hypoplasia X-linked. Gene NR0B1	45 days
ICM102751	Congenital adrenal hypoplasia. Gene NR0B1. Deletions-duplications (MLPA).	30 days
ICM102240	Congenital adrenal hypoplasia. NROB1 gene (DAX1). Complete sequencing Sanger.	45 days
ICM101945	Congenital afibrinogenaemia. FGA gene. Complete sequencing Sanger.	45 days
ICM101946	Congenital afibrinogenaemia. FGB gene. Complete sequencing Sanger.	45 days
ICM102423	Congenital cataract - Hypertrophic Cardiomyopathy - mitochondrial myopathy. SLC25A4 gene. Complete sequencing Sanger.	45 days
ICM102006	Congenital central hypoventilation syndrome. GDNF gene. Complete sequencing Sanger.	45 days
ICM102277	Congenital central hypoventilation syndrome. Gene PHOX2B. Complete sequencing Sanger.	45 days
ICM102765	Congenital central hypoventilation syndrome. Gene PHOX2B. Deletions-duplications (MLPA).	30 days
ICM102276	Congenital central hypoventilation syndrome. Gene PHOX2B. Poly-Ala expansion.	30 days
ICM100221	Congenital defects of glycosylation associated ALG13. Gene ALG13	45 days
ICM100223	congenital defects of glycosylation associated PGM1. PGM1 gene	45 days
ICM100243	Congenital defects of glycosylation type IIi. Gene COG5	45 days
ICM100225	Congenital defects of glycosylation type Ir. Gene DDOST	45 days
ICM102396	Congenital deficiency of plasminoGene activator inhibitor type 1 Gene SERPINE1 (PAI-1). 4G / 5G polymorphism.	45 days
ICM100981	Congenital diserythropoietic anemia. NGS Panel 3 genes: CDAN1, SEC23B, KLF1	45 days

ICM code	Pathology definition	TAT
ICM100232	Congenital disorder of glycosylation Ig. Gene ALG12	45 days
ICM102163	Congenital disorder of glycosylation type 1b. MPI gene. Complete sequencing Sanger.	45 days
ICM101704	Congenital disorder of glycosylation type 1c. Gene ALG6. Complete sequencing Sanger.	45 days
ICM100226	Congenital disorder of glycosylation type Ia. Gene PMM2	45 days
ICM101551	Congenital disorder of glycosylation type Ia. Gene PMM2	45 days
ICM100227	Congenital disorder of glycosylation type Ib. Gene MPI	45 days
ICM100228	Congenital disorder of glycosylation type Ic. Gene ALG6	45 days
ICM100229	Congenital disorder of glycosylation type Id. Gene ALG3	45 days
ICM100230	Congenital disorder of glycosylation type Ie. DPM1 gene	45 days
ICM100231	Congenital disorder of glycosylation type if. Gene MPDU1	45 days
ICM100233	Congenital disorder of glycosylation type Ih. Gene Alg8	45 days
ICM100235	Congenital disorder of glycosylation type IIa. Gene MGAT2	45 days
ICM100236	Congenital disorder of glycosylation type IIb. Gene MOGS	45 days
ICM100237	Congenital disorder of glycosylation type IIc. Gene SLC35C1	45 days
ICM100238	Congenital disorder of glycosylation type IId. Gene B4GALT1	45 days
ICM100239	Congenital disorder of glycosylation type IIe. Gene COG7	45 days
ICM100240	Congenital disorder of glycosylation type Iif. SLC35A1 gene	45 days
ICM100241	Congenital disorder of glycosylation type IIg. Gene COG1	45 days
ICM100242	Congenital disorder of glycosylation type IIh. Gene COG8	45 days
ICM100244	Congenital disorder of glycosylation type IIj. Gene COG4	45 days
ICM100246	Congenital disorder of glycosylation type IIL. Gene COG6	45 days
ICM100247	Congenital disorder of glycosylation type Ij. Gene DPAGT1	45 days
ICM100248	Congenital disorder of glycosylation type IL. Gene ALG9	45 days
ICM100245	Congenital disorder of glycosylation type Ilk. Gene TMEM165	45 days
ICM100249	Congenital disorder of glycosylation type Im. Gene DOLK	45 days
ICM100251	Congenital disorder of glycosylation type Io. Gene DPM3	45 days
ICM100252	Congenital disorder of glycosylation type Ip. Gene ALG11	45 days
ICM100253	Congenital disorder of glycosylation type Iq. Gene SRD5A3	45 days
ICM101010	Congenital disorder of glycosylation. NGS panel 33 genes	45 days
ICM100250	Congenital disorders of glycosylation type In. Gene RFT1	45 days
ICM102498	Congenital distal arthrogryposis type 2B. Gene TNNI2. Complete sequencing Sanger.	45 days
ICM102502	Congenital distal arthrogryposis type 2B. Gene TNNT3. Complete sequencing Sanger.	45 days
ICM100132	Congenital distal spinal muscular atrophy. TRPV4 gene	45 days
ICM101877	Congenital dyskeratosis XL - congenital dyskeratosis. Gene DKC1. Complete sequencing Sanger.	45 days
ICM102491	Congenital dyskeratosis. Gene TINF2. Complete sequencing Sanger.	45 days
ICM101192	Congenital erythropoietic porphyria. UROS gene	45 days
ICM100340	Congenital fiber disproportion related ACTA1	45 days
ICM100341	Congenital fiber disproportion related MYH7	45 days
ICM100342	Congenital fiber disproportion related RYR1	45 days
ICM100343	Congenital fiber disproportion related SEPN1	45 days
ICM100344	Congenital fiber disproportion related TPM2	45 days
ICM100345	Congenital fiber disproportion related TPM3	45 days
ICM102530	Congenital fibrosis of extraocular muscles. Gene TUBB2B. Complete sequencing Sanger.	45 days
ICM100636	Congenital fibrosis of the extraocular muscles related to FHOX2A. Gene PHOX2A	45 days

ICM code	Pathology definition	TAT
ICM100635	Congenital fibrosis of the extraocular muscles related to KIF21A. Gene KIF21A	45 days
ICM100637	Congenital fibrosis of the extraocular muscles related to TUBB3. Gene TUBB3	45 days
ICM101044	Congenital fibrosis of the extraocular muscles. NGS panel 3 genes: KIF21A, TUBB3, PHOX2A	45 days
ICM101062	Congenital generalized lipodystrophy (CGL) / Berardinelli-Seip syndrome. NGS Panel 4 genes	45 days
ICM100797	Congenital generalized lipodystrophy type 1. Gene AGPAT2	45 days
ICM100798	Congenital generalized lipodystrophy type 2 Gene BSCL2	45 days
ICM100799	Congenital generalized lipodystrophy type 3. Gene CAV1	45 days
ICM100800	Congenital generalized lipodystrophy type 4. Gene PTRF	45 days
ICM101063	Congenital generalized lipodystrophy. NGS panel 4 genes: AGPAT2, BSCL2, CAV1, PTRF	45 days
ICM101862	Congenital glaucoma. CYP1B1 gene. Complete sequencing Sanger.	45 days
ICM102665	Congenital glaucoma. CYP1B1 gene. Deletions-duplications (MLPA).	30 days
ICM102190	Congenital glaucoma. Gene MYOC. Complete sequencing Sanger.	45 days
ICM102249	Congenital glaucoma. OPTN gene. Complete sequencing Sanger.	45 days
ICM101925	Congenital hearing loss type 10, AD. Gene EYA4. Complete sequencing Sanger.	45 days
ICM102543	Congenital hearing loss type 18A, AR. Gene USH1C. Complete sequencing Sanger.	45 days
ICM102413	Congenital hearing loss type 23, AD. Gene SIX1. Complete sequencing Sanger.	45 days
ICM102493	Congenital hearing loss type 8/10, AR. Gene TMPRSS3. Complete sequencing Sanger.	45 days
ICM101829	Congenital hearing loss type 9 AD. COCH gene. Complete sequencing Sanger.	45 days
ICM102426	Congenital hearing loss with dilated vestibular aqueduct, AR. SLC26A4 gene. Complete sequencing Sanger.	45 days
ICM102012	Congenital hearing loss. Gene GJB2 (Cx26). 35delG mutation.	15 days
ICM102013	Congenital hearing loss. Gene GJB2 (Cx26). Complete sequencing Sanger.	45 days
ICM102700	Congenital hearing loss. Gene GJB6. Deletions-duplications (MLPA).	30 days
ICM102850	congenital hearing loss. Genes GJB2, GJB6, GJB3, POU3F4, WFS1. Deletions-duplications (MLPA).	30 days
ICM102014	Congenital hearing loss. GJB3 gene (CX31). Complete sequencing Sanger.	45 days
ICM102015	Congenital hearing loss. GJB6 gene (Cx30). Complete sequencing Sanger.	45 days
ICM101049	congenital hyperinsulinism (CHI). Panel 11 genes NGS	45 days
ICM102090	Congenital hypogonadotropic hypogonadism with anosmia - Kallman syndrome. Gene KAL1. Complete sequencing Sanger	45 days
ICM101052	Congenital hypogonadotropic hypogonadism. Panel 18 genes NGS	45 days
ICM102516	Congenital hypothyroidism. Gene TRHR. Complete sequencing Sanger.	45 days
ICM100609	Congenital ichthyosiform erythroderma non bullous. NGS panel. Genes ALOX12B, ALOXE3	45 days
ICM102488	Congenital ichthyosis AR. Gene TGM1. Complete sequencing Sanger.	45 days
ICM101705	Congenital ichthyosis. Gene ALOX12B. Complete sequencing Sanger.	45 days
ICM101706	Congenital ichthyosis. Gene ALOXE3. Complete sequencing Sanger.	45 days
ICM101775	Congenital lipodystrophy Berardinelli-Seip type 2. Gene BSCL2. Complete sequencing Sanger.	45 days
ICM101691	Congenital lipodystrophy type 1. Gene AGPAT2. Complete sequencing Sanger.	45 days
ICM101520	Congenital miasthenic syndrome associated with AGRN. Gene AGRN	45 days
ICM101521	Congenital miasthenic syndrome associated with CHAT. Gene CHAT	45 days
ICM101522	Congenital miasthenic syndrome associated with CHRNA1. Gene CHRNA1	45 days
ICM101523	Congenital miasthenic syndrome associated with CHRNB1. Gene CHRNB1	45 days

ICM code	Pathology definition	TAT
ICM101524	Congenital miasthenic syndrome associated with CHRND. Gene CHRND	45 days
ICM101525	Congenital miasthenic syndrome associated with CHRNE. Gene CHRNE	45 days
ICM101526	Congenital miasthenic syndrome associated with COLQ. Gene ColQ	45 days
ICM101527	Congenital miasthenic syndrome associated with DOK7. Gene DOK7	45 days
ICM101528	Congenital miasthenic syndrome associated with GFPT1. Gene GFPT1	45 days
ICM101529	Congenital miasthenic syndrome associated with MUSK. Gene MUSK	45 days
ICM101530	Congenital miasthenic syndrome associated with RAPSN. Gene RAPSN	45 days
ICM101531	Congenital miasthenic syndrome associated with SCN4A. Gene SCN4A	45 days
ICM102975	Congenital muscular distrophy. Panel NGS: 49 genes	45 days
ICM100438	Congenital muscular dystrophy collaGene VI deficit. NGS panel. Genes COL6A1, COL6A2, COL6A3	45 days
ICM100439	Congenital muscular dystrophy related to LAMA2	45 days
ICM100440	Congenital muscular dystrophy related to SEPN1	45 days
ICM102728	Congenital muscular dystrophy type 1A - deficiency in laminin / merosin. Gene LAMA2. (MLPA).	30 days
ICM102121	Congenital muscular dystrophy type 1A - deficiency in laminin / merosin. Gene LAMA2. Complete sequencing Sanger.	45 days
ICM101963	Congenital muscular dystrophy type 1C. Gene FKRP. Complete sequencing Sanger.	45 days
ICM102298	Congenital Muscular Dystrophy: Walker-Warburg syndrome. Gene POMT1. Complete sequencing Sanger.	45 days
ICM102299	Congenital Muscular Dystrophy: Walker-Warburg syndrome. Gene POMT2. Complete sequencing Sanger.	45 days
ICM101806	Congenital myasthenia syndrome. CHAT gene. Complete sequencing Sanger.	45 days
ICM101811	Congenital myasthenia syndrome. Gene CHRND. Complete sequencing Sanger.	45 days
ICM101837	Congenital myasthenia syndrome. Gene COLQ. Complete sequencing Sanger.	45 days
ICM101883	Congenital myasthenia syndrome. Gene DOK7. Complete sequencing Sanger.	45 days
ICM102341	Congenital myasthenia syndrome. Gene RAPSN. Complete sequencing Sanger.	45 days
ICM101519	Congenital myasthenic syndrome type 2 with tubular aggregates. Gene DPAGT1	45 days
ICM101126	Congenital myasthenic syndrome. NGS Panel 8 genes	45 days
ICM102649	Congenital myotonia. Gene CLCN1. Deletions-duplications (MLPA).	30 days
ICM102268	Congenital stationary night blindness type 2, AD. Gene PDE6B. Complete sequencing Sanger.	45 days
ICM100433	Congenital stromal corneal dystrophy. DCN gene	45 days
ICM102666	Congenital suprarrenal hyperplasia deficit 21-hydroxylase. CYP21A2 gene. (MLPA).	30 days
ICM102664	Congenital suprarrenal hyperplasia deficit-alpha-hydroxylase 17. CYP17A1 gene. (MLPA).	30 days
ICM101861	Congenital suprarrenal hyperplasia, deficit-alpha-hydroxylase 17. CYP17A1 gene. Complete sequencing Sanger.	45 days
ICM100206	Coproporphyria hereditary. Gene CPOX	45 days
ICM102484	Corneal dystrophy, microcystic. Gene TGFBI. Complete sequencing Sanger.	45 days
ICM101028	Corneal dystrophy. NGS panel 8 genes: TGFBI UBIAD1, CHST6, VSX1, PIKFYVE, DCN, KRT12, KRT3	45 days
ICM101298	Cornelia de Lange syndrome type 1 Gene NIPBL	45 days
ICM101299	Cornelia de Lange Syndrome type 2. Gene SMC1A	45 days
ICM101300	Cornelia de Lange syndrome type 3 Gene SMC3	45 days
ICM101301	Cornelia de Lange syndrome type 4 Gene RAD21	45 days

ICM code	Pathology definition	TAT
ICM101302	Cornelia de Lange Syndrome type 5. Gene HDAC8	45 days
ICM102220	Cornelia de Lange syndrome. Gene NIPBL. Complete sequencing Sanger.	45 days
ICM102747	Cornelia de Lange syndrome. Gene NIPBL. Deletions-duplications (MLPA).	30 days
ICM101107	Cornelia de Lange syndrome. NGS panel 5 genes: NIPBL, SMC1A, SMC3, RAD21, HDAC8	45 days
ICM101303	Costello syndrome. HRAS gene	45 days
ICM101304	Cowden syndrome type 1. Gene PTEN	45 days
ICM101305	Cowden syndrome type 2 Gene SDHB	45 days
ICM101306	Cowden syndrome type 3 Gene SDHD	45 days
ICM101307	Cowden syndrome type 4 Gene KLLN	45 days
ICM101308	Cowden syndrome type 5. Gene PIK3CA	45 days
ICM101309	Cowden syndrome type 6. Gene AKT1	45 days
ICM101108	Cowden syndrome. NGS panel 6 genes: PTEN, SDHB, KLLN, SDHD, PIK3CA, AKT1	45 days
ICM102779	Cowden syndrome. PTEN gene. Deletions-duplications (MLPA).	30 days
ICM101899	Craniofrontonasal dysplasia. Gene EFNB1. Complete sequencing Sanger.	45 days
ICM102676	Craniofrontonasal dysplasia. Gene EFNB1. Deletions-duplications (MLPA).	30 days
ICM101238	Craniofrontonasal syndrome. Gene EFNB1	45 days
ICM101310	Craniosynostosis syndrome associated with FGFR1	45 days
ICM101311	Craniosynostosis syndrome associated with FGFR2	45 days
ICM101312	Craniosynostosis syndrome associated with FGFR3. Muenke	45 days
ICM101128	Craniosynostosis syndromes associated with FGFR. NGS panel 3 genes: FGFR1, FGFR2, FGFR3	45 days
ICM102847	Craniosynostosis. Genes FGFR1, FGFR2, FGFR3, TWIST1, MSX2, ALX1, ALX3, ALX4, EFNB1, RUNX2. (MLPA).	30 days
ICM101129	Creatine deficiency syndromes. NGS panel 2 genes: GAMT, SLC6A8	45 days
ICM102438	Creatine deficiency. SLC6A8 gene. Complete sequencing Sanger.	45 days
ICM100326	Creatine transporter deficiency associated with SLC6A8. SLC6A8 gene	45 days
ICM102536	Crigler Najjar type 1 syndrome. UGT1A1 gene. TA insertion.	45 days
ICM101313	Crigler-Najjar syndrome. UGT1A1 gene	45 days
ICM101314	Crisponi syndrome. NGS panel. Genes: CRLF1, CLCF1	45 days
ICM101315	Crouzon syndrome. FGFR2 gene	45 days
ICM101316	Culler-Jones syndrome. Gene GLI2	45 days
ICM102162	Currarino syndrome. MNX1 gene (HLXB9). Complete sequencing Sanger.	20 days
ICM102955	Custom panel by sequencing NGS	45 days
ICM102956	Custom panel by sequencing NGS	45 days
ICM102957	Custom panel by sequencing NGS	45 days
ICM102958	Custom panel by sequencing NGS	45 days
ICM102959	Custom panel by sequencing NGS	45 days
ICM100052	Cutaneous albinism. Genes GPR143, TYR	45 days
ICM100817	Cutaneous and mucosal venous malformations. TEK gene	45 days
ICM100999	Cutis Laxa. NGS Panel 8 genes: ATP6V0A2, FBLN5, EFEMP2, ELN, ATP7A, LTBP4, PYCR1, ALDH18A1	45 days
ICM100214	Cutix autosomal recessive 1A Laxa. Gene FBLN5	45 days
ICM100215	Cutix autosomal recessive Laxa 1B. Gene EFEMP2	45 days
ICM100216	Cutix autosomal recessive Laxa 1C. Gene LTBP4	45 days
ICM100218	Cutix autosomal recessive Laxa 2B. Gene PYCR1	45 days
ICM100219	Cutix autosomal recessive Laxa 3A. Gene ALDH18A1	45 days
ICM100220	Cutix autosomal recessive Laxa 3B. Gene PYCR1	45 days
ICM100212	Cutix Laxa autosomal dominant type 1. Gene ELN	45 days
ICM100213	Cutix Laxa autosomal dominant type 2 Gene FBLN5	45 days

ICM code	Pathology definition	TAT
ICM100217	Cutix Laxa autosomal recessive type 2A. Gene ATP6V0A2	45 days
ICM101907	Cyclic Neutropenia. ELANE gene (ELA2). Complete sequencing Sanger.	45 days
ICM100638	Cystic fibrosis. CFTR gene	45 days
ICM102645	Cystic fibrosis. CFTR gene. Deletions-duplications (MLPA).	30 days
ICM101803	Cystic fibrosis. CFTR gene. DF508 mutation.	15 days
ICM102947	Cystic fibrosis. CFTR gene. Frequent mutations and PoliT	20 days
ICM101804	Cystic fibrosis. CFTR gene. Polymorphism IVS8-Tn (poly-T).	20 days
ICM100185	Cystinosis. CTNS gene	45 days
ICM102432	Cystinuria. SLC3A1 gene (RBAT). Complete sequencing Sanger.	45 days
ICM102439	Cystinuria. SLC7A9 gene. Complete sequencing Sanger.	45 days
ICM101865	Cytochrome 2B6 450. CYP2B6 gene. Complete sequencing Sanger.	45 days
ICM101868	Cytochrome 2D6 450. CYP2D6 gene. Complete sequencing Sanger.	45 days
ICM101867	Cytochrome 450 2C9. CYP2C9 gene. Complete sequencing Sanger.	45 days
ICM102386	Cytochrome C oxidase deficiency. Gene SCO2. Complete sequencing Sanger.	45 days
ICM100186	Cytopenia associated with X-linked GATA1. Gene GATA1	45 days
ICM101738	Darier-White disease. Gene ATP2A2. Complete sequencing Sanger.	45 days
ICM100601	Ddominant nocturnal frontal lobe epilepsy type 3. Gene CHRNB2	45 days
ICM101011	Defects in peroxisome biogenesis; Zellweger syndrome spectrum. NGS panel 14 genes	45 days
ICM101942	Deficiency Fructose 1,6 diphosphatase. Gene FBP1. Complete sequencing Sanger.	45 days
ICM102052	Deficiency of 3-hydroxy-3-methylglutaryl-CoA mitochondrial. Gene HMGCS2. Complete sequencing Sanger.	45 days
ICM102458	Deficiency of 5-alpha-reductase 2. Gene SRD5A2. Complete sequencing Sanger.	45 days
ICM102815	Deficiency of 5-alpha-reductase 2. Gene SRD5A2. Deletions-duplications (MLPA).	30 days
ICM100271	Deficit 3-hydroxyacyl-CoA dehydrogenase long chain. Gene HADHA	45 days
ICM100270	Deficit 3hydroxyacyl-CoA dehydrogenase. Gene HADH	45 days
ICM101681	Deficit acyl-CoA dehydrogenase fatty acid medium chain. Gene ACADM. Complete sequencing Sanger.	45 days
ICM100279	Deficit acyl-CoA dehydrogenase medium chain. Gene ACADM	45 days
ICM100277	Deficit acyl-CoA dehydrogenase short chain. Gene ACADS	45 days
ICM100281	Deficit acyl-CoA dehydrogenase very long chain. Gene ACADVL	45 days
ICM101707	Deficit adenosine monophosphate (AMP) deaminase. Gene AMPD1. Complete sequencing Sanger.	45 days
ICM101996	Deficit arginine: glycine amidinotransferase. Gene GATM (AGAT). Complete sequencing Sanger.	45 days
ICM100269	Deficit carbamoyl-phosphate synthetase 1. CPS1 gene	45 days
ICM101869	Deficit cholesterol-7-alpha-hydroxylase. CYP7A1 gene. Complete sequencing Sanger.	45 days
ICM100318	Deficit D-bifunctional protein. Gene HSD17B4	45 days
ICM100319	Deficit E3-binding protein of pyruvate dehydrogenase. Gene PDHX	45 days
ICM101930	Deficit Factor V Leiden. F5 gene. G1691A mutation (Arg506Gln).	10 days
ICM101317	Deficit glucose transporter syndrome, type 1. Gene SLC2A1	45 days
ICM100303	Deficit glucose-6-phosphate dehydrogenase. G6PD gene	45 days
ICM100304	Deficit guanidino acetate methyltransferase. Gene GAMT	45 days
ICM102400	Deficit metabolism pulmonary surfactant 1. Gene SFTPB. Complete sequencing Sanger.	45 days
ICM102388	Deficit mitochondrial complex II. Gene SDHAF1. Complete sequencing Sanger.	45 days
ICM100309	Deficit of N-acetyl glutamate synthase. NAGS gene	45 days

ICM code	Pathology definition	TAT
ICM100282	Deficit peroxisomal acyl-CoA oxidase. Gene ACOX1	45 days
ICM102427	Deficit syndrome Glut-1. SLC2A1 gene. Complete sequencing Sanger.	45 days
ICM102613	Deletions-duplications (MLPA) subtelomeric regions	30 days
ICM102921	Dengue RNA detection.	10 days
ICM100506	Dent's disease. Genes CLCN5, OCRL	45 days
ICM101318	Denys-Drash syndrome. WT1 gene	45 days
ICM101626	Detection and typing of Human Papilloma complete, HPV	7 days
ICM102895	Detection Mobiluncus mulieris DNA and Mcurtisii.	10 days
ICM102874	Detection of Borrelia burgdorferi DNA.	10 days
ICM102877	Detection of Chlamydia pneumoniae DNA.	10 days
ICM102878	Detection of Chlamydia trachomatis DNA.	10 days
ICM102922	Detection of enterovirus RNA.	10 days
ICM102869	Detection of Legionella pneumophila DNA.	10 days
ICM102897	Detection of Mycobacterium tuberculosis DNA.	10 days
ICM102898	Detection of Mycoplasma hominis DNA.	10 days
ICM102899	Detection of Mycoplasma pneumoniae DNA.	10 days
ICM102900	Detection of Neisseria gonorrhoeae DNA.	10 days
ICM102901	Detection of Neisseria meningitidis DNA.	10 days
ICM102902	Detection of Parvovirus B19 DNA.	10 days
ICM102933	Detection of RNA paramyxovirus (Measles).	10 days
ICM102932	Detection of RNA paramyxovirus (Mumps).	10 days
ICM102912	Detection of Treponema pallidum DNA.	10 days
ICM101007	Developmental delays. NGS panel 463 genes	45 days
ICM101017	Diabetes Mellitus permanent neonatal (PNDM). NGS panel 15 genes	45 days
ICM102001	Diabetes mellitus permanent neonatal. GCK gene. Complete sequencing Sanger.	45 days
ICM101678	Diabetes mellitus permanent neonatal. Gene ABCC8. Complete sequencing Sanger.	45 days
ICM102617	Diabetes mellitus permanent neonatal. Gene ABCC8. Deletions-duplications (MLPA).	30 days
ICM102097	Diabetes mellitus permanent neonatal. Gene KCNJ11. Complete sequencing Sanger.	45 days
ICM102721	Diabetes mellitus permanent neonatal. Gene KCNJ11. Deletions-duplications (MLPA).	30 days
ICM102714	Diabetes mellitus permanent neonatal. INS gene. Deletions-duplications (MLPA).	30 days
ICM102271	Diabetes mellitus permanent neonatal. PDX1 gene (IPF1). Complete sequencing Sanger.	45 days
ICM101018	Diabetes Mellitus transient neonatal (TNDM). NGS panel 7 genes	45 days
ICM102214	Diabetes MODY 6. Gene NEUROD1. Complete sequencing Sanger.	45 days
ICM102055	Diabetes. MODY 1. Gene HNF4A. Complete sequencing Sanger.	45 days
ICM102053	Diabetes. MODY 3. Gene HNF1A (TCF1). Complete sequencing Sanger.	45 days
ICM102054	Diabetes. MODY 5. Gene HNF1B. Complete sequencing Sanger.	45 days
ICM102849	Diabetes. MODY. Genes GCK, HNF1A, HNF1B, HNF4A. Deletions-duplications (MLPA).	30 days
ICM100063	Diamond-Blackfan anemia type 1. Gene RPS19	45 days
ICM100064	Diamond-Blackfan anemia type 10. Gene RPS26	45 days
ICM100065	Diamond-Blackfan anemia type 3. Gene RPS24	45 days
ICM100066	Diamond-Blackfan anemia type 4. Gene RPS17	45 days
ICM100067	Diamond-Blackfan anemia type 5. Gene RPL35A	45 days
ICM100068	Diamond-Blackfan anemia type 6. Gene RPL5	45 days
ICM100069	Diamond-Blackfan anemia type 7. Gene RPL11	45 days

ICM code	Pathology definition	TAT
ICM100070	Diamond-Blackfan anemia type 8. Gene rps7	45 days
ICM100071	Diamond-Blackfan anemia type 9. Gene RPS10	45 days
ICM100979	Diamond-Blackfan anemia. NGS Panel 9 genes	45 days
ICM102369	Diamond-Blackfan anemia. RPS19 gene. Complete sequencing Sanger.	45 days
ICM102784	Diamond-Blackfan anemia. RPS19 gene. Deletions-duplications (MLPA).	30 days
ICM101078	Diasquinesia primary ciliary. NGS Panel 20 genes	45 days
ICM102424	Diastrophic dysplasia. SLC26A2 gene. Complete sequencing Sanger.	45 days
ICM102820	DiGeorge syndrome. Gene TBX1. Deletions-duplications (MLPA).	30 days
ICM101884	Dihydropyrimidine dehydrogenase deficiency. DPYD gene (DPD). Complete sequencing Sanger.	45 days
ICM100301	Dihydropyrimidine dehydrogenase deficiency. Gene DPYD	45 days
ICM101069	Dilated / DCM cardiomyopathy. NGS Panel 23 genes	45 days
ICM102507	Dilated cardiomyopathy 1Y type. Gene TPM1. Complete sequencing Sanger.	45 days
ICM102124	Dilated cardiomyopathy family isolated 1C. Gene LDB3. Complete sequencing Sanger.	45 days
ICM101756	Dilated cardiomyopathy family isolation. BAG3 gene. Complete sequencing Sanger.	45 days
ICM101685	Dilated cardiomyopathy type 1R . Gene ACTC1. Complete sequencing Sanger.	45 days
ICM102187	Dilated cardiomyopathy. Gene MYH7. Complete sequencing Sanger.	45 days
ICM102730	Dilated cardiomyopathy. LMNA gene. Deletions-duplications (MLPA).	30 days
ICM102497	Dilated miocardiopathy type 1Z. Gene TNNC1. Complete sequencing Sanger.	45 days
ICM102499	Dilated miocardiopathy type 7. Gene TNNI3. Complete sequencing Sanger.	45 days
ICM102501	Dilated type 1D. Gene TNNT2. Complete sequencing Sanger.	45 days
ICM101852	Dilated type 1M. Gene CSRP3. Complete sequencing Sanger.	45 days
ICM102297	Disease muscle-eye-brain. Gene POMGNT1. Complete sequencing Sanger.	45 days
ICM101008	Disorders of sexual development. NGS panel 219 genes	45 days
ICM101133	Disorders of the urea cycle. NGS panel 8 genes: ARG1, ASL, ASS1, CPS1, NAGS, OTC, SLC25A13, SLC25A15	45 days
ICM101879	Disostosis spondylocostal AR. Gene DLL3. Complete sequencing Sanger.	45 days
ICM102042	Disostosis spondylocostal AR. Gene Hes7. Complete sequencing Sanger.	30 days
ICM100378	Disostosis spondylocostal type 3. Gene LFNG	45 days
ICM100379	Disostosis spondylocostal type 4. Gene HES7	45 days
ICM102128	Disostosis spondylocostal, AR, type 3. Gene LFNG. Complete sequencing Sanger.	45 days
ICM100867	Distal Miyoshi myopathy. Gene DYSF	45 days
ICM100868	Distal myopathy type 2. Gene MATR3	45 days
ICM100869	Distal myopathy type 4. Gene CNLF	45 days
ICM101740	Distal renal tubular acidosis, AR. Gene ATP6V0A4. Complete sequencing Sanger.	45 days
ICM101741	Distal renal tubular acidosis. Gene ATP6V1B1. Complete sequencing Sanger.	35 days
ICM102435	Distal renal tubular acidosis. SLC4A1 gene. Complete sequencing Sanger.	45 days
ICM100134	Distal spinal muscular atrophy type 4 autosomal recessive. Gene PLEKHG5	45 days
ICM101995	Distal Spinal Muscular Atrophy Type V. Gene GARS. Complete sequencing Sanger.	45 days
ICM100418	DKC1 related dyskeratosis congenita. Gene DKC1	45 days
ICM100714	DLL1 related holoprosencephaly. Gene DLL1	45 days
ICM102919	DNA detection and differentiation polyomavirus BK and JC: Viral Load.	10 days
ICM102868	DNA detection Bacteroides fragilis.	10 days

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ICM102872	DNA detection Bartonella henselae.	10 days
ICM102873	DNA detection Bordetella (Pertussis and Parapertusis).	10 days
ICM102879	DNA detection Cytomegalovirus (CMV).	10 days
ICM102881	DNA detection Ehrlichia (phagocytophila, chaffeensis, ewingii).	10 days
ICM102882	DNA detection Entamoeba histolytica.	10 days
ICM102883	DNA detection Epstein Barr (EBV).	10 days
ICM102885	DNA detection Haemophilus ducreyi.	10 days
ICM102887	DNA detection Herpes zoster (HHV-3)	10 days
ICM102886	DNA detection human herpesvirus 6 (HSV-6).	10 days
ICM102890	DNA detection Leishmania donovani.	10 days
ICM102892	DNA detection Leptospira spp.	10 days
ICM102894	DNA detection Loa loa (Loasis-filariasis subcutaneous)	10 days
ICM102896	DNA detection Mycobacterium spp.	10 days
ICM102871	DNA detection of Aspergillus spp.	10 days
ICM102875	DNA detection of Brucella spp.	10 days
ICM102880	DNA detection of Coxiella burnetii.	10 days
ICM102884	DNA detection of Gardnerella vaginalis.	10 days
ICM102891	DNA detection of Leishmania spp.	10 days
ICM102893	DNA detection of Listeria monocytogenes	10 days
ICM102908	DNA detection of Streptococcus pneumoniae.	10 days
ICM102905	DNA detection Rickettsia spp.	10 days
ICM102906	DNA detection Shigella spp.	10 days
ICM102911	DNA detection Toxoplasmosis (amniotic fluid)	10 days
ICM102913	DNA detection Trichomonas vaginalis.	10 days
ICM102915	DNA detection Tropheryma whippelii.	10 days
ICM102914	DNA detection Trypanosoma cruzi.	10 days
ICM102916	DNA detection Ureaplasma urealyticum.	10 days
ICM102909	DNA detection vagTipo B streptococci (GBS).	10 days
ICM102917	DNA detection Varicella-Zoster (HHV-3).	10 days
ICM102918	DNA detection Wuchereria bancrofti (LF)	10 days
ICM102867	DNA quantitation Cytomegalovirus (CMV).	10 days
ICM100600	Dominant nocturnal frontal lobe epilepsy type 1. Gene CHRNA4	45 days
ICM100602	Dominant nocturnal frontal lobe epilepsy type 4. Gene CHRNA2	45 days
ICM101041	Dominant nocturnal frontal lobe epilepsy. NGS panel 3 genes: CHRNA4, CHRNB2, CHRNA2	45 days
ICM101508	Donnai-Barrow syndrome. Gene LRP2	45 days
ICM100428	Dopa dystonia responsible. NGS panel. GCH1 genes, SPR, TH	45 days
ICM102000	Dopa-responsive dystonia primary AD. Gene GCH1. Complete sequencing Sanger.	45 days
ICM101323	Dravet syndrome. Gene SCN1A	45 days
ICM101324	Duane syndrome Radial-Ray. Gene SALL4	45 days
ICM102789	Duane-radial ray syndrome. Gene SALL4. Deletions-duplications (MLPA).	30 days
ICM102671	Duchenne muscular dystrophy / Becker. DMD gene. Deletions-duplications (MLPA).	30 days
ICM100467	Duchenne muscular dystrophy-Becker. DMD gene	45 days
ICM102960	Dynamic no hereditary ataxias (SCA). NGS panel. 30 genes	45 days
ICM100087	Dyserythropoietic congenital anemia type I. Gene CDAN1	45 days
ICM100088	Dyserythropoietic congenital anemia type II. Gene SEC23B	45 days
ICM100089	Dyserythropoietic type IV congenital anemia. Gene KLF1	45 days
ICM100419	Dyskeratosis congenita related to NHP2. Gene NHP2	45 days

ICM code	Pathology definition	TAT
ICM100420	Dyskeratosis congenita related to Nop10. Gene Nop10	45 days
ICM100421	Dyskeratosis congenita related to TERT. TERT gene	45 days
ICM100422	Dyskeratosis congenita related to TINF2. Gene TINF2	45 days
ICM100423	Dyskeratosis congenita related to Wrap53. Gene Wrap53	45 days
ICM102225	Dyskeratosis congenita type 1. Gene NOP10. Complete sequencing Sanger.	45 days
ICM102480	Dyskeratosis congenita type 1. Gene TERC AD (TR). Complete sequencing Sanger.	45 days
ICM102218	Dyskeratosis congenita type 2. NHP2 Gen. Complete sequencing Sanger.	45 days
ICM101026	Dyskeratosis congenita. NGS panel 7 genes: CTC1, DKC1, TERT, TINF2, NHP2, Nop10, Wrap53	45 days
ICM102481	Dyskeratosis congenita. TERT gene. Complete sequencing Sanger.	45 days
ICM100410	Dysplasia Geleofísica type 1. Gene ADAMTSL2	45 days
ICM100429	Dystonia and parkinsonism with hipermanganesemia, polycythemia and chronic liver disease. Gene SLC30A10	45 days
ICM100430	Dystonia-parkinsonism early onset. Gene ATP1A3	45 days
ICM100432	Dystonia-parkinsonism X linked. Gene TAF1	45 days
ICM101027	Dystonia. NGS panel 5 genes: GCH1, TAF1, ATP1A3, SGCE, PANK2	45 days
ICM100484	Early infantile epileptic encephalopathy type 10. Gene PNKP	45 days
ICM100485	Early infantile epileptic encephalopathy type 11. Gene SCN2A	45 days
ICM100486	Early infantile epileptic encephalopathy type 12. Gene PLCB1	45 days
ICM100487	Early infantile epileptic encephalopathy type 13. Gene SCN8A	45 days
ICM100488	Early infantile epileptic encephalopathy type 15. Gene ST3Gal3	45 days
ICM100489	Early infantile epileptic encephalopathy type 16. Gene TBC1D24	45 days
ICM100490	Early infantile epileptic encephalopathy type 3 Gene SLC25A22	45 days
ICM102422	Early infantile epileptic encephalopathy type 3. Gene SLC25A22. Complete sequencing Sanger.	45 days
ICM100491	Early infantile epileptic encephalopathy type 4 Gene STXBP1	45 days
ICM102468	Early infantile epileptic encephalopathy type 4. Gene STXBP1. Complete sequencing Sanger.	45 days
ICM100492	Early infantile epileptic encephalopathy type 5. Gene SPTAN1	45 days
ICM100493	Early infantile epileptic encephalopathy type 7. Gen KCNQ2	45 days
ICM102101	Early infantile epileptic encephalopathy type 7. KCNQ2 gene. Complete sequencing Sanger.	45 days
ICM100494	Early infantile epileptic encephalopathy type 8. Gene ARHGEF9	45 days
ICM100495	Early infantile epileptic encephalopathy type 9. Gene PCDH19	45 days
ICM100496	Early infantile epileptic encephalopathy. NGS panel. Genes CDKL5, SLC25A22, ARX	45 days
ICM101022	Ectodermal dysplasia. NGS Panel 6 genes: EDA, EDAR, EDARADD, GJB6, IKBKG, NFKBIA	45 days
ICM102979	Ectrodactily-tybial aplasy. Complete sequencing gene BHLHA9	30 days
ICM102652	Ehlers-Danlos disease. COL1A1 gene. Deletions-duplications (MLPA).	30 days
ICM102654	Ehlers-Danlos disease. COL1A2 gene. Deletions-duplications (MLPA).	30 days
ICM101509	Ehlers-Danlos syndrome classic. NGS panel. Genes: COL5A1, COL5A2, COL1A1	45 days
ICM102823	Ehlers-Danlos syndrome hypermobile type. Gene TNXB. Deletions-duplications (MLPA).	30 days
ICM101325	Ehlers-Danlos Syndrome kiphoescoliotic. Gene PLOD1	45 days
ICM101326	Ehlers-Danlos Syndrome progeroid. Gene B4GALT7	45 days
ICM101327	Ehlers-Danlos syndrome related to COL5A2. COL5A2 gene	45 days
ICM101230	Ehlers-Danlos syndrome type arthrochalasia. NGS panel. Genes: COL1A1, COL1A2	45 days
ICM102663	Ehlers-Danlos syndrome type I. COL5A1 gene. Deletions-duplications (MLPA).	30 days

ICM code	Pathology definition	TAT
ICM101328	Ehlers-Danlos Syndrome Type III. COL3A1 gene	45 days
ICM101329	Ehlers-Danlos Syndrome Type IV. COL3A1 gene	45 days
ICM102659	Ehlers-Danlos syndrome type IV. COL3A1 gene. Deletions-duplications (MLPA).	30 days
ICM102287	Ehlers-Danlos syndrome type VI. Gene PLOD1. Complete sequencing Sanger.	45 days
ICM102770	Ehlers-Danlos syndrome type VI. Gene PLOD1. Deletions-duplications (MLPA).	30 days
ICM101331	Ehlers-Danlos Syndrome Type VII C. Gene ADAMTS2	45 days
ICM101832	Ehlers-Danlos syndrome type VIIB. COL1A2 gene. Complete sequencing Sanger.	45 days
ICM101831	Ehlers-Danlos syndrome. COL1A1 gene. Complete sequencing Sanger.	45 days
ICM101109	Ehlers-Danlos Syndrome. NGS Panel 9 genes	45 days
ICM100407	Eiken skeletal dysplasia. Gene PTH1R	45 days
ICM100472	Emery-Dreifuss Muscular Dystrophy Autosomal dominant type 4. Gene SYNE1	45 days
ICM100470	Emery-Dreifuss Muscular Dystrophy type 2. Gene LMNA	45 days
ICM100471	Emery-Dreifuss Muscular Dystrophy type 3. Gene LMNA	45 days
ICM100473	Emery-Dreifuss Muscular Dystrophy type 5. Gene SYNE2	45 days
ICM100474	Emery-Dreifuss Muscular Dystrophy type 7. Gene TMEM43	45 days
ICM101910	Emery-Dreifuss Muscular Dystrophy X-linked gene EMD. Complete sequencing Sanger.	45 days
ICM100468	Emery-Dreifuss Muscular Dystrophy X-linked type 1. Gene EMD	45 days
ICM100469	Emery-Dreifuss Muscular Dystrophy X-linked type 6. Gene FHL1	45 days
ICM102737	Encephalopathy. MECP2 gene. Deletions-duplications (MLPA).	30 days
ICM100987	Endometrial cancer. NGS panel 5 genes: MLH1, MSH2, MSH6, PMS2, EPCAM	45 days
ICM100966	EndoPredict	4 days
ICM100576	Epidermolysis bullous dystrophic. COL7A1 gene	45 days
ICM102082	Epidermolysis bullous junctional with pyloric stenosis. Gene ITGA6. Complete sequencing Sanger.	45 days
ICM102112	Epidermolysis bullous simple, AR, type 1. Gene KRT14. Complete sequencing Sanger.	45 days
ICM102116	Epidermolysis bullous simple. Gene KRT5. Complete sequencing Sanger.	45 days
ICM100571	Epidermolysis bullous simplex Dowling-Meara type. NGS panel. Genes KRT5, KRT14	45 days
ICM100585	Epidermolysis bullous simplex Dowling-Meara type. NGS panel. Genes KRT5, KRT14	45 days
ICM100572	Epidermolysis bullous simplex, autosomal recessive type 1 NGS panel. Genes KRT5, KRT14	45 days
ICM100573	Epidermolysis bullous with pyloric atresia. NGS panel. Genes, ITGA6, PLEC, ITGB4	45 days
ICM101039	Epidermolysis bullous. NGS Panel 10 genes	45 days
ICM102111	Epidermolytic ichthyosis. KRT10 gene. Complete sequencing Sanger.	45 days
ICM102129	Epilepsy with hearing impairment, AD. Gene LGI1. Complete sequencing Sanger.	45 days
ICM100977	Epilepsy. NGS Panel 194 genes	45 days
ICM100394	Epiphyseal multiple dysplasia dominant type 1. Gene COMP	45 days
ICM100396	Epiphyseal multiple dysplasia dominant type 2. Gene COL9A2	45 days
ICM100399	Epiphyseal multiple dysplasia dominant type 3. Gene COL9A3	45 days
ICM100400	Epiphyseal multiple dysplasia dominant type 5. Gene MATN3	45 days
ICM100403	Epiphyseal multiple dysplasia dominant type 6. COL9A1 gene	45 days
ICM100111	Episodic ataxia type 1. Gene KCNA1	45 days
ICM102719	Episodic ataxia type 1. Gene KCNA1. Deletions-duplications (MLPA).	30 days

ICM code	Pathology definition	TAT
ICM101780	Episodic ataxia type 2. Gen CACNA1A. CAG expansion.	30 days
ICM100112	Episodic ataxia type 2. Gene CACNA1A	45 days
ICM100113	Episodic ataxia type 5. Gene CACNB4	45 days
ICM100114	Episodic Ataxia Type 6 Gene SLC1A3	45 days
ICM100611	Erythromelalgia hereditary related to SCN9A. Gene SCN9A	45 days
ICM101980	Essential Tremor hereditary 4. Gene FUS (TLS). Complete sequencing Sanger.	45 days
ICM101920	Estrogen resistance. Gene ESR1 (ER). Complete sequencing Sanger.	45 days
ICM101610	Exome advanced clinical	45 days
ICM101612	Exome advanced NijmeGene - Trio	45 days
ICM101611	Exome directed epilepsy	45 days
ICM101614	Exome Raw data (> 20,000 genes)	45 days
ICM101609	Exome targeting phenotype	45 days
ICM101608	Exome TruSight Illumina 4800 genes	45 days
ICM101616	Expanded Newborn Screening for Metabolopathies	20 days
ICM101625	Expanded panel of breast and ovarian cancer (21 genes)	20 days
ICM101624	Expanded panel SNPs thrombosis risk. 21 SNPs	20 days
ICM101627	Expression of E6 and E7 oncoproteins of human papillomavirus high-risk HPV	10 days
ICM100508	Fabry disease. GLA gene	45 days
ICM102016	Fabry disease. GLA gene. Complete sequencing Sanger.	45 days
ICM102701	Fabry disease. GLA gene. Deletions-duplications (MLPA).	30 days
ICM101978	Facioescapulohumeral dystrophy. FSHD gene. D4Z4 expansion.	30 days
ICM101929	Factor II deficiency (Protombrina). Gene F2. G20210A.	10 days
ICM100631	Factor V Leiden; thrombophilia. Gene F5	45 days
ICM101931	Factor VII deficiency. F7 gene. Complete sequencing Sanger.	45 days
ICM101926	Factor XII deficiency. Gene F12. C46T mutation.	15 days
ICM101928	Factor XII deficiency. Gene F12. Complete sequencing Sanger.	45 days
ICM101927	Factor XII deficiency. Gene F12. Val34Leu mutation.	15 days
ICM102969	Familial adenomatous polyposis 3. Complete Sanger sequencing	45 days
ICM101711	Familial adenomatous polyposis. APC gene. Complete sequencing Sanger.	45 days
ICM101186	Familial adenomatous polyposis. NGS panel. APC genes, MUTYH	45 days
ICM102528	Familial amyloid polyneuropathy. TTR gene. Complete sequencing Sanger.	45 days
ICM100612	Familial amyotrophic lateral sclerosis with frontotemporal dementia. Gene C9orf72	45 days
ICM101042	Familial amyotrophic lateral sclerosis. NGS Panel 18 genes	45 days
ICM101585	Familial exudative vitreoretinopathy type 1. Gene FZD4	45 days
ICM101586	Familial exudative vitreoretinopathy type 2. Gene NDP	45 days
ICM101587	Familial exudative vitreoretinopathy type 4. Gene LRP5	45 days
ICM101588	Familial exudative vitreoretinopathy type 5. Gene TSPAN12	45 days
ICM101736	Familial hemiplegic migraine type 2. ATP1A2 gen. Complete sequencing Sanger.	45 days
ICM102633	Familial hemiplegic migraine type 2. ATP1A2 Gen. Deletions-duplications (MLPA).	30 days
ICM102791	Familial hemiplegic migraine type 3. Gene SCN1A. Deletions-duplications (MLPA).	30 days
ICM102976	Familial hipercholesterolemia. Panel NGS: 4 genes	45 days
ICM101860	Familial hyperaldosteronism type 1. Gene CYP11B2. Complete sequencing Sanger.	45 days
ICM101859	Familial hyperaldosteronism. CYP11B1 gene. Complete sequencing Sanger.	45 days

ICM code	Pathology definition	TAT
ICM101715	Familial hypercholesterolemia. Gene APOB. Mutations Arg3500Gln; 3531Cys Arg; Arg3480Trp.	15 days
ICM101716	Familial hypercholesterolemia. Gene APOB. Mutations Arg3500Gln; Arg3500Trp; His3543Tyr.	15 days
ICM101714	Familial hypercholesterolemia. Gene APOB. P.Arg3500Gln mutation.	15 days
ICM102125	Familial hypercholesterolemia. LDLR gene. Complete sequencing Sanger.	45 days
ICM102729	Familial hypercholesterolemia. LDLR gene. Deletions-duplications (MLPA).	30 days
ICM102265	Familial hypercholesterolemia. PCSK9 gene (NARC1). Complete sequencing Sanger.	45 days
ICM102189	Familial hypertrophic cardiomyopathy type 8. Gene MYL3. Complete sequencing Sanger.	45 days
ICM100675	Familial isolated hyperparathyroidism. NGS panel. Genes CDC73, MEN1, CASR	45 days
ICM102620	Familial isolated pituitary adenoma. AIP gene. Deletions-duplications (MLPA).	30 days
ICM100639	Familial Mediterranean Fever. Gene MEFV	45 days
ICM102144	Familial melanoma - susceptibility. MC1R gene. Complete sequencing Sanger.	45 days
ICM102380	Familial neonatal-infantile seizures benign. Gene SCN2A. Complete sequencing Sanger.	45 days
ICM102391	Familial paraganglioma 1 - pheochromocytoma. SDHD gene. Complete sequencing Sanger.	25 days
ICM102389	Familial paraganglioma 4 - pheochromocytoma. SDHB gene. Complete sequencing Sanger.	45 days
ICM102860	Familial paraganglioma types 1, 3 and 4 - pheochromocytoma. Genes SDHB, SDHC, SDHD. (MLPA).	30 days
ICM101089	Familial paraganglioma. NGS panel 5 genes: SDHB, SDHC, SDHD, SDHAF2, VHL	45 days
ICM102495	Familial periodic fever / TRAPS. Gene TNFRSF1A. Complete sequencing Sanger.	45 days
ICM102744	Familiar dilated 1S type. Gene MYH7. Deletions-duplications (MLPA).	30 days
ICM102743	Familiar dilated cardiomyopathy 1MM type. Gene MYBPC3. Deletions-duplications (MLPA).	30 days
ICM102954	Family double mutation study	30 days
ICM102188	Family hypertrophic cardiomyopathy type 10. Gene MYL2. Complete sequencing Sanger.	45 days
ICM100328	Family lipoprotein lipase deficiency. LPL gene	45 days
ICM102738	Family Mediterranean fever. Gene MEFV. Deletions-duplications (MLPA).	30 days
ICM102151	Family Mediterranean fever. Gene MEFV. Exons 2, 3, 5 and 10.	35 days
ICM102681	Fanconi anemia type A. Gene FANCA. Deletions-duplications (MLPA).	30 days
ICM100072	Fanconi anemia, complementation group B. Gene FANCB	45 days
ICM100073	Fanconi anemia, complementation group C. Gene FANCC	45 days
ICM100077	Fanconi anemia, complementation group D1. BRCA2 gene	45 days
ICM100078	Fanconi anemia, complementation group D2. FANCD2 gene	45 days
ICM100074	Fanconi anemia, complementation group E. Gene FANCE	45 days
ICM100079	Fanconi anemia, complementation group F. Gene FANCF	45 days
ICM100075	Fanconi anemia, complementation group G. Gene FANCG	45 days
ICM100080	Fanconi anemia, complementation group I. Gene FANCI	45 days
ICM100081	Fanconi anemia, complementation group J. Gene BRIP1	45 days
ICM100082	Fanconi anemia, complementation group L. Gene FANCL	45 days
ICM100083	Fanconi anemia, complementation group M. Gene FANCM	45 days
ICM100076	Fanconi anemia, complementation group N. Gene PALB2	45 days
ICM100084	Fanconi anemia, complementation group O. Gene RAD51C	45 days
ICM100085	Fanconi anemia, complementation group P. Gene SLX4	45 days

ICM code	Pathology definition	TAT
ICM100086	Fanconi anemia, complementation group. FANCA gene	45 days
ICM100980	Fanconi anemia. NGS Panel 15 genes	45 days
ICM101336	Fanconi-Bickel syndrome. SLC2A2 gene	45 days
ICM102184	Feingold syndrome. MYCN gene. Complete sequencing Sanger.	45 days
ICM101082	Female hereditary cancer (16 types of hereditary cancer). NGS Panel 49 genes	45 days
ICM101631	Female hereditary cancer panel (49 genes)	45 days
ICM102640	FG syndrome: Opitz-Kaveggia. CASK gene. Deletions-duplications (MLPA).	30 days
ICM101686	Fibrodysplasia ossificans progressiva. ACVR1 gene. Complete sequencing Sanger.	45 days
ICM102231	Finnish type congenital nephrotic syndrome. NPHS 1 gene. Complete sequencing Sanger.	45 days
ICM101637	FIP1L1 - PDGFRA (fusion gene)	15 days
ICM100698	Focal Dermal Hypoplasia. Gene PORCN	45 days
ICM102300	Focal Dermal Hypoplasia. Gene PORCN. Complete sequencing Sanger.	45 days
ICM101359	Follicular ichthyosis syndrome-Atrichia-photophobia. Gene MBTPS2	45 days
ICM100716	FOXH1 related holoprosencephaly. Gene FOXH1	45 days
ICM102948	Fragmentation spermatic	10 days
ICM101977	Fraser syndrome. Gene FREM2. Complete sequencing Sanger.	45 days
ICM102185	Freeman-Sheldon syndrome. MYH3 gene. Complete sequencing Sanger.	45 days
ICM102527	Friedreich Ataxia-like with vitamin E deficiency. Gen TTPA. Complete sequencing Sanger.	45 days
ICM101982	Friedreich's ataxia. FXN gene (FRDA, X25). Complete sequencing Sanger.	45 days
ICM101981	Friedreich's ataxia. FXN gene (FRDA, X25). GAA expansion.	30 days
ICM102032	Fronto-temporal dementia. GRN gene (PGRN). Complete sequencing Sanger.	45 days
ICM102142	Fronto-temporal dementia. MAPT gene. Complete sequencing Sanger.	45 days
ICM101045	Frontotemporal dementia. NGS panel 8 genes: APOE, CHMP2B, FUS, GRN, MAPT, PSEN1, TARDBP, VCP	45 days
ICM100780	Fructose intolerance. Gene ALDOB	45 days
ICM102621	Fructose intolerance. Gene ALDOB. Deletions-duplications (MLPA).	30 days
ICM101702	Fructose intolerance. Gene ALDOB. Mutations A149P; A174D; N334K.	20 days
ICM100640	Fucosidosis. Gene FUCA1	45 days
ICM101964	Fukuyama congenital muscular dystrophy type. Gene FKTN. Complete sequencing Sanger.	45 days
ICM100437	Fukuyama congenital muscular dystrophy. Gene FKTN	45 days
ICM101613	Full exome Trio (> 20,000 genes)	45 days
ICM101960	Fumarase deficit. FH gene. Complete sequencing Sanger.	45 days
ICM100641	Fundus albipunctatus. NGS panel. Genes RDH5, RLBP1	45 days
ICM100642	Fundus flavimaculatus. Gene ABCA4	45 days
ICM101991	Galactosemia type III - Deficit UDP-galactose-4epimeras. GALE gene. Complete sequencing Sanger.	45 days
ICM100644	Galactosemia. GALT gene	45 days
ICM102695	Galactosemia. GALT gene. Deletions-duplications (MLPA).	30 days
ICM100643	Galactosemia. NGS panel. Genes GALE, GALK1, GALT	45 days
ICM100645	Gangliosidosis GM1. Gene GLB1	45 days
ICM102017	Gangliosidosis type 1. Gene GLB1. Complete sequencing Sanger.	45 days
ICM101046	Gangliosidosis. NGS panel 4 genes: GLB1, GM2A, HEXA, HEXB	45 days
ICM100647	Gangliosidosis. NGS panel. Genes GLB1, GM2A	45 days
ICM101337	Gardner syndrome. APC gene	45 days
ICM100717	GAS1 related holoprosencephaly. Gene GAS1	45 days

ICM code	Pathology definition	TAT
ICM100993	Gastric cancer. NGS panel 6 genes: CDH1, MLH1, MSH2, MSH6, PMS2, EPCAM	45 days
ICM101997	Gaucher disease. GBA gene. Complete sequencing Sanger.	45 days
ICM100411	Geleofísica dysplasia type 2 Gene FBN1	45 days
ICM100302	Gene deficit factor V. Gene F5	45 days
ICM101641	Gene MTTK. Mutations A8344G; T8356C; G8363A; A8296G; G8361A.	20 days
ICM101640	Gene MTTK. Mutations A8344G; T8356C.	15 days
ICM101639	Gene MTTK. T8993G mutation.	20 days
ICM101989	Generalized epilepsy with febrile seizures plus 10. Gene GABRD type. Complete sequencing Sanger.	45 days
ICM102379	Generalized epilepsy with febrile seizures plus type 1. Gen SCN1B. Complete sequencing Sanger.	45 days
ICM102378	Generalized epilepsy with febrile seizures plus type 2. Gene SCN1A. Complete sequencing Sanger.	45 days
ICM101990	Generalized epilepsy with febrile seizures plus. Gene GABRG2. Complete sequencing Sanger.	45 days
ICM101646	Genes CYP11B1 / CYP11B2. Detection of the chimeric gene.	20 days
ICM101647	Genes MT-ND (MT-ND1 / MT-ND4 / MT-ND6). G11778A mutation; T14484C; G3460A.	20 days
ICM101617	Genetic analysis of nutritional metabolism and physical performance	20 days
ICM102943	Genetic analysis of sports performance	20 days
ICM100570	Genetic prion diseases. PRNP gene	45 days
ICM101222	Genetic screening of mitochondrial diseases. NGS panel 248 genes: + MT	45 days
ICM101622	Genetic test carriers of monogenic diseases (individual)	25 days
ICM101623	Genetic test carriers of monogenic diseases (pair)	25 days
ICM101618	Genetic testing combined food intolerances, lactose, fructose and Gluten	20 days
ICM102314	Gerstmann-Straussler syndrome. PRNP gene. Complete sequencing Sanger.	45 days
ICM100926	Giant axonal neuropathy. GAN gene	45 days
ICM101338	Gilbert syndrome. UGT1A1 gene	45 days
ICM102971	Gilles de la Tourette syndrome. Complete Sanger sequencing	45 days
ICM100455	Girdle muscular dystrophy (Limb Girdle-) 2H type. TRIM32 gene	45 days
ICM100443	Girdle muscular dystrophy (Limb Girdle-) type 1A. Gene Myot	45 days
ICM100444	Girdle muscular dystrophy (Limb Girdle-) type 1B. LMNA gene	45 days
ICM100448	Girdle muscular dystrophy (Limb Girdle-) type 2A. Gene CAPN3	45 days
ICM100449	Girdle muscular dystrophy (Limb Girdle-) type 2B. Gene DYSF	45 days
ICM100450	Girdle muscular dystrophy (Limb Girdle-) type 2C. Gene SGCG	45 days
ICM100451	Girdle muscular dystrophy (Limb Girdle-) type 2D. Gene SGCA	45 days
ICM100453	Girdle muscular dystrophy (Limb Girdle-) type 2F. Gene SGCD	45 days
ICM100458	Girdle muscular dystrophy (Limb Girdle-) type 2K. Gene POMT1	45 days
ICM100462	Girdle muscular dystrophy (Limb-Girdle) 2O type. Gene POMGNT1	45 days
ICM100464	Girdle muscular dystrophy (Limb-Girdle) 2R type. DES gene	45 days
ICM100465	Girdle muscular dystrophy (Limb-Girdle) 2S type. Gene TRAPPC11	45 days
ICM100445	Girdle muscular dystrophy (Limb-Girdle) Type 1C. Gene CAV3	45 days
ICM100446	Girdle muscular dystrophy (Limb-Girdle) type 1D. DES gene	45 days
ICM100447	Girdle muscular dystrophy (Limb-Girdle) type 1E. Gene DNAJB6	45 days
ICM100452	Girdle muscular dystrophy (Limb-Girdle) type 2E. Gene SGCB	45 days
ICM100454	Girdle muscular dystrophy (Limb-Girdle) type 2G. TCAP gene	45 days
ICM100456	Girdle muscular dystrophy (Limb-Girdle) type 2I. Gene FKRP	45 days
ICM100457	Girdle muscular dystrophy (Limb-Girdle) type 2J. TTN gene	45 days
ICM100459	Girdle muscular dystrophy (Limb-Girdle) type 2L. Gene ANO5	45 days

ICM code	Pathology definition	TAT
ICM100460	Girdle muscular dystrophy (Limb-Girdle) type 2M. Gene FKTN	45 days
ICM100461	Girdle muscular dystrophy (Limb-Girdle) type 2N. Gene POMT2	45 days
ICM100463	Girdle muscular dystrophy (Limb-Girdle) type 2Q. Gene PLEC	45 days
ICM102402	Girdle muscular dystrophy, Limb-girdle, 2D type. Gene SGCA. Complete sequencing Sanger.	45 days
ICM101787	Girdle muscular dystrophy, Limb-girdle, type 1C or caveolinopathies. Gene CAV3. Complete sequencing Sanger.	45 days
ICM101783	Girdle muscular dystrophy, Limb-girdle, type 2A. Gene CAPN3. Complete sequencing Sanger.	45 days
ICM101891	Girdle muscular dystrophy, Limb-girdle, type 2B. Gene DYSF. Complete sequencing Sanger.	45 days
ICM102675	Girdle muscular dystrophy, Limb-girdle, type 2B. Gene DYSF. Deletions-duplications (MLPA).	30 days
ICM102406	Girdle muscular dystrophy, Limb-girdle, type 2C. Gene SGCG. Complete sequencing Sanger.	45 days
ICM102403	Girdle muscular dystrophy, Limb-girdle, type 2E. Gene SGCB. Complete sequencing Sanger.	45 days
ICM102404	Girdle muscular dystrophy, Limb-girdle, type 2F. Gene SGCD. Complete sequencing Sanger.	45 days
ICM102476	Girdle muscular dystrophy, Limb-girdle, type 2G. TCAP gene. Complete sequencing Sanger.	45 days
ICM102517	Girdle muscular dystrophy, Limb-girdle, type 2H. Gene TRIM32 (BBS11). Complete sequencing Sanger.	45 days
ICM102622	Girdle muscular dystrophy, Limb-girdle, type 2L. Gene YEAR5. Deletions-duplications (MLPA).	30 days
ICM102861	Girdle muscular dystrophy, Limb-girdle. Genes SGCA, SGCB, SGCD, SGCG, FKRP. (MLPA).	30 days
ICM102966	Girdle muscular dystrophy. NGS panel 23 genes	45 days
ICM102418	Gitelman syndrome. SLC12A3 gene. Complete sequencing Sanger.	45 days
ICM102803	Gitelman syndrome. SLC12A3 gene. Deletions-duplications (MLPA).	30 days
ICM100649	Glucogenosis (hereditary metabolic disorders)	45 days
ICM100650	Glucogenosis 0, Liver. Gene GYS2	45 days
ICM100651	Glucogenosis 0, Muscle. Gene GYS1	45 days
ICM102310	Glucogenosis heart, lethal. Gene PRKAG2. Complete sequencing Sanger.	45 days
ICM100011	Glutaric acidemia type I. Gene GCDH	45 days
ICM100012	Glutaric acidemia type II. NGS panel. Genes ETFA , ETFB, ETFDH	45 days
ICM100013	Glutaric acidemia. NGS panel. Genes GCDH, ETFA, ETFB, ETFDH	45 days
ICM101999	Glutaric aciduria type I. Gene GCDH. Complete sequencing Sanger.	45 days
ICM102002	Glycine encephalopathy child. Gene GCSH. Complete sequencing Sanger.	45 days
ICM100498	Glycine encephalopathy. NGS panel. GLDC genes, AMT, GCSH	45 days
ICM101985	Glycogen storage disease due to G6P deficiency type 1A. Gene G6PC. Arg83Cys mutation; Gln347X	20 days
ICM101986	Glycogen storage disease due to G6P deficiency type 1A. Gene G6PC. Complete sequencing Sanger.	45 days
ICM102431	Glycogen storage disease type 1B. SLC37A4 gene (G6PT1). Complete sequencing Sanger.	45 days
ICM101998	Glycogen Storage Disease Type IV. Gene GBE1. Complete sequencing Sanger.	45 days
ICM102334	Glycogen storage disease type VIb. Gene PYGL. Complete sequencing Sanger.	45 days
ICM102273	Glycogen storage disease type VII. Gene PFKM. Complete sequencing Sanger.	45 days
ICM100558	GlycoGene Storage Disease Type Gene X. PGAM2	45 days
ICM100550	GlycoGene Storage Disease Type Ia. Gene G6PC	45 days
ICM100551	GlycoGene Storage Disease Type Ib. SLC37A4 gene	45 days

ICM code	Pathology definition	TAT
ICM100552	GlycoGene Storage Disease Type II. GAA gene	45 days
ICM100553	GlycoGene Storage Disease Type III. Gene AGL	45 days
ICM100554	GlycoGene Storage Disease Type IV. Gene GBE1	45 days
ICM100555	GlycoGene Storage Disease Type V Gene PYGM	45 days
ICM100556	GlycoGene Storage Disease Type VI. Gene PYGL	45 days
ICM100557	GlycoGene Storage Disease Type VII. Gene PFKM	45 days
ICM100559	GlycoGene Storage Disease Type XI. Gene LDHA	45 days
ICM100560	GlycoGene Storage Disease Type XII. Gene ALDOA	45 days
ICM100561	GlycoGene Storage Disease Type XIII. Gene ENO3	45 days
ICM100562	GlycoGene Storage Disease Type XIV. PGM1 gene	45 days
ICM101032	GlycoGene storage disease. NGS Panel 19 genes	45 days
ICM101988	Glycogenosis type II. GAA gene. Complete sequencing Sanger.	45 days
ICM100652	Glycogenosis Type IX b. Gene PHKB	45 days
ICM100653	Glycogenosis type IXA1. Gene PHKA2	45 days
ICM100654	Glycogenosis type IXc. Gene PHKG2	45 days
ICM100655	Glycogenosis type IXd. Gene PHKA1	45 days
ICM102336	Glycogenosis type V. Gene PYGM. Complete sequencing Sanger.	45 days
ICM102335	Glycogenosis type V. Gene PYGM. Mutations R49X; G204S; W797R; Y84X; 708/709.	20 days
ICM100646	GM2 gangliosidosis, AB variant. Gene GM2A	45 days
ICM102460	Gonadal dysgenesis 46, XY. SRY gene. Determining the presence or absence.	10 days
ICM102461	Gonadal dysgenesis complete 46, XY. SRY gene. Complete sequencing Sanger.	45 days
ICM102778	Gorlin syndrome. PTCH 1 gene. Deletions-duplications (MLPA).	30 days
ICM102328	Gorlin syndrome. PTCH1 gene (PTCH). Complete sequencing Sanger.	45 days
ICM102031	GPR156 gene. Complete sequencing Sanger.	45 days
ICM102018	Greig syndrome. Gene GLI3. Complete sequencing Sanger.	45 days
ICM102703	Greig syndrome. Gene GLI3. Deletions-duplications (MLPA).	30 days
ICM101339	Griscelli syndrome type 1. Gene MYO5A	45 days
ICM101340	Griscelli syndrome type 2 Gene RAB27A	45 days
ICM101341	Griscelli syndrome type 3 Gene MLPH	45 days
ICM101111	Griscelli syndrome. NGS panel 3 genes: MYO5A, RAB27A, MLPH	45 days
ICM100129	Gyrate atrophy of the choroid and retina. Ornithine aminotransferase deficit. Gene OAT	45 days
ICM102694	Haemophilia A. FVIII Gen. Deletions-duplications (MLPA).	30 days
ICM100664	Haemophilia A. Gene F8	45 days
ICM100667	Haemophilia B. Gene F9	45 days
ICM100668	Haemophilia. NGS panel. Genes F8, F9	45 days
ICM101518	Hand-foot syndrome-genital. Gene HOXA13	45 days
ICM100734	Harlequin ichthyosis. Gene ABCA12	45 days
ICM101345	Hay-Wells syndrome; AEC syndrome. TP63 gene	45 days
ICM102936	HBV Hepatitis B viral DNA qualitative.	10 days
ICM102937	HBV Hepatitis B viral DNA quantitative.	10 days
ICM102939	HCV RNA Hepatitis C genotype RNA	10 days
ICM102938	HCV RNA Quantification Hepatitis C	10 days
ICM100978	Heart diseases; arrhythmias; Cardiomyopathies, conduction defects. NGS Panel 61 genes	45 days
ICM100657	Hemidisplasia with congenital ichthyosiform erythroderma and limb defects. Gene NSDHL	45 days

ICM code	Pathology definition	TAT
ICM102639	Hemiplegic migraine type 1. Gene CACNA1A. Deletions-duplications (MLPA).	30 days
ICM102433	Hemochromatosis type 4. Gene SLC40A1. Complete sequencing Sanger.	45 days
ICM100663	Hemochromatosis. HFE gene	45 days
ICM100793	Hemophagocytic lymphohistiocytosis familiar type 2. Gene PRF1	45 days
ICM100795	Hemophagocytic lymphohistiocytosis family type 4. Gene STX11	45 days
ICM100796	Hemophagocytic lymphohistiocytosis family type 5. Gene STXBP2	45 days
ICM100569	Hepatic veno-occlusive disease with immunodeficiency. Gene SP110	45 days
ICM102940	Hepatitis D HDV RNA Quantification	10 days
ICM101194	Hepatoerythropoietic porphyria. Gene UROD	45 days
ICM102397	Hereditary angioedema type 1. Gene SERPING1 (C1NH). Complete sequencing Sanger.	45 days
ICM102796	Hereditary angioedema. Gene SERPING1. Deletions-duplications (MLPA).	30 days
ICM102961	Hereditary ataxias dynamics (SCA). Panel expansions. 7 genes	30 days
ICM101000	Hereditary Cancer Male (15 types of hereditary cancer). NGS Panel 41 genes	45 days
ICM102110	Hereditary cavernous malformation cerebral type 1. Gene KRIT1 (CCM1). Complete sequencing Sanger.	45 days
ICM102726	Hereditary cerebral cavernous malformation type 1. Gene KRIT1. Deletions-duplications (MLPA).	30 days
ICM101789	Hereditary cerebral cavernous malformation type 2. Gene CCM2. Complete sequencing Sanger.	45 days
ICM102266	Hereditary cerebral cavernous malformation type 3. Gene PDCD10 (CCM3). Complete sequencing Sanger.	45 days
ICM102840	Hereditary cerebral cavernous malformation. CCM2 genes, PDCD10. Deletions-duplications (MLPA).	30 days
ICM101854	Hereditary chronic pancreatitis. CTRC gene. Complete sequencing Sanger.	45 days
ICM102859	Hereditary chronic pancreatitis. Genes PRSS1, SPINK. Deletions-duplications (MLPA).	30 days
ICM100986	Hereditary colorectal cancer (includes frequent mutations and POLD1 POLE). NGS Panel 14 genes	45 days
ICM101047	Hereditary deafness. NGS Panel 127 genes	45 days
ICM100789	Hereditary diffuse leukoencephalopathy with spheroids. Gene CSF1R	45 days
ICM102512	Hereditary dyshormonogenesis thyroid 2A. TPO gene. Complete sequencing Sanger.	45 days
ICM100658	Hereditary hemochromatosis associated to HFE. HFE gene	45 days
ICM100659	Hereditary hemochromatosis associated with TRF2. Gene TFR2	45 days
ICM100660	Hereditary hemochromatosis related juvenile HAMP. HAMP gene	45 days
ICM100661	Hereditary hemochromatosis related to HFE2. Gene HFE2	45 days
ICM102049	Hereditary hemochromatosis type 2. Gene HJV. Complete sequencing Sanger.	45 days
ICM101048	hereditary hemochromatosis. NGS panel 5 genes: HAMP, HFE, HFE2, SLC40A1, TFR2	45 days
ICM101539	Hereditary hemorrhagic telangiectasia associated with ACVRL1. Gene ACVRL1	45 days
ICM101541	Hereditary hemorrhagic telangiectasia associated with ENG. Gene ENG	45 days
ICM101543	Hereditary hemorrhagic telangiectasia associated with Smad4. Gene SMAD4	45 days
ICM101687	Hereditary hemorrhagic telangiectasia type II. ACVRL1 gene (ALK1). Complete sequencing Sanger.	45 days
ICM101912	Hereditary hemorrhagic telangiectasia: Rendu-Osler-Weber disease. ENG gene. Complete sequencing Sanger.	45 days
ICM102844	Hereditary hemorrhagic telangiectasia: Rendu-Osler-Weber disease. Genes ENG, ACVRL1. (MLPA).	30 days
ICM102806	Hereditary hemorrhagic telangiectasia: Rendu-Osler-Weber disease. SMAD4 gene. (MLPA).	30 days

ICM code	Pathology definition	TAT
ICM101131	Hereditary Hemorrhagic Telangiectasia. NGS panel 3 genes: ENG, ACVRL1, SMAD4	45 days
ICM102019	Hereditary hyperekplexia. Gene GLRA1. Complete sequencing Sanger.	45 days
ICM102704	Hereditary hyperekplexia. Gene GLRA1. Deletions-duplications (MLPA).	30 days
ICM102020	Hereditary hyperekplexia. Gene GLRB. Complete sequencing Sanger.	45 days
ICM102437	Hereditary hyperekplexia. SLC6A5 gene. Complete sequencing Sanger.	45 days
ICM102352	Hereditary medullary thyroid carcinoma. RET gene. Complete sequencing Sanger.	45 days
ICM102350	Hereditary medullary thyroid carcinoma. RET gene. Exons 10 and 11.	20 days
ICM102349	Hereditary medullary thyroid carcinoma. RET gene. Exons 10, 11, 3-16.	30 days
ICM102351	Hereditary medullary thyroid carcinoma. RET gene. Exons 13-16.	25 days
ICM100937	Hereditary motor and sensory neuropathy with agenesis of the corpus callosum. SLC12A6 gene	45 days
ICM101091	Hereditary muscular disease. NGS Panel 81 genes	45 days
ICM101003	Hereditary myopathies. NGS Panel 68 genes	45 days
ICM101851	Hereditary neutrophilia. CSF3R gene. Complete sequencing Sanger.	45 days
ICM102636	Hereditary nonpolyposic colon cancer. Gene BMPR1A. Deletions-duplications (MLPA).	30 days
ICM102291	Hereditary nonpolyposic colon cancer. Gene PMS1. Complete sequencing Sanger.	45 days
ICM102292	Hereditary nonpolyposic colon cancer. PMS2 gene. Complete sequencing Sanger.	45 days
ICM102773	Hereditary nonpolyposic colon cancer. PMS2 gene. Deletions-duplications (MLPA).	30 days
ICM102168	Hereditary nonpolyposis colon cancer (HNPCC). MSH2 gene. Complete sequencing Sanger.	45 days
ICM102169	Hereditary nonpolyposis colon cancer (HNPCC). MSH6 gene. Complete sequencing Sanger.	45 days
ICM102161	Hereditary nonpolyposis colon cancer. MLH1 gene. Complete sequencing Sanger.	45 days
ICM101081	Hereditary pancreatitis. NGS panel 5 genes: PRSS1, SPINK1, CFTR, SBDS, UBR1	45 days
ICM101092	Hereditary renal cystic disease adult. NGS panel 7 genes: VHL, TSC1, TSC2, UMOD, PKD1, PKD2, MUC1	45 days
ICM101097	Hereditary rickets. NGS Panel 14 genes	45 days
ICM100424	Hereditary sensitive dystonia secondary to L-dopa GTP cyclohydrolase deficit 1. Gene GCH1	45 days
ICM101077	Hereditary sensory and autonomic neuropathies. NGS Panel 10 genes	45 days
ICM100927	Hereditary sensory autonomic neuropathy type IA. Gene SPTLC1	45 days
ICM100928	Hereditary sensory autonomic neuropathy type IC. Gene SPTLC2	45 days
ICM100929	Hereditary sensory autonomic neuropathy type ID. Gene ATL1	45 days
ICM100930	Hereditary sensory autonomic neuropathy type IIA. Gene WNK1	45 days
ICM100931	hereditary sensory autonomic neuropathy type IIB. Gene FAM134B	45 days
ICM100932	Hereditary sensory autonomic neuropathy type IIC. Gene KIF1A	45 days
ICM100933	Hereditary sensory autonomic neuropathy type IV. Gene NTRK1	45 days
ICM100934	Hereditary sensory autonomic neuropathy type V. NGF gene	45 days
ICM100935	Hereditary sensory autonomic neuropathy type VI. Gene DST	45 days
ICM101076	Hereditary sensory motor neuropathies. NGS Panel 37 genes	45 days
ICM101006	Hereditary skeletal pathology. NGS panel 363 genes	45 days
ICM102453	Hereditary spastic paraplegia AR type 7. hereditary SPG7 Gen. Complete sequencing Sanger.	45 days
ICM101913	Hereditary spherocytosis. Gene EPB42. Complete sequencing Sanger.	45 days
ICM102456	Hereditary spherocytosis. Gene SPTB. Complete sequencing Sanger.	45 days
ICM101346	Hermansky-Pudlak syndrome type 1. Gene HPS1	45 days

ICM code	Pathology definition	TAT
ICM101347	Hermansky-Pudlak syndrome type 2. Gene AP3B1	45 days
ICM101348	Hermansky-Pudlak syndrome type 3. Gene HPS3	45 days
ICM101349	Hermansky-Pudlak syndrome type 4. Gene HPS4	45 days
ICM101350	Hermansky-Pudlak syndrome type 5. Gene HPS5	45 days
ICM101351	Hermansky-Pudlak syndrome type 6. Gene HPS6	45 days
ICM101352	Hermansky-Pudlak syndrome type 7. Gene DTNBP1	45 days
ICM101353	Hermansky-Pudlak syndrome type 8. Gene BLOC1S3	45 days
ICM101354	Hermansky-Pudlak syndrome type 9. Gene BLOC1S6	45 days
ICM102888	Herpes DNA detection. (HSV-1, 2).	10 days
ICM102889	Herpes DNA detection. (HSV-8).	10 days
ICM100669	Heteroplasia progressive bone. Gene GNAS	45 days
ICM102046	HFE hemochromatosis type 1 gene. C282Y; H63D; S65C.	15 days
ICM100390	Hidrotic ectodermal dysplasia type 2. Gene GJB6	45 days
ICM101355	Hiper IgE syndrome autosomal dominant. STAT3 gene	45 days
ICM102673	Hiper IgE syndrome, AR. Gene DOCK8. Deletions-duplications (MLPA).	30 days
ICM102842	Hiper IgE. Genes DOCK8, STAT3. Deletions-duplications (MLPA).	30 days
ICM100680	Hipocondrogénesis. NGS panel. COL2A1 genes, SLC26A2	45 days
ICM100735	Hipotricosis ichthyosis with autosomal recessive. ST14 gene	45 days
ICM100510	Hirschsprung disease type 2 Gene EDNRB	45 days
ICM100511	Hirschsprung disease type 3 Gene GDNF	45 days
ICM100512	Hirschsprung disease type 4 Gene EDN3	45 days
ICM100509	Hirschsprung disease with heart defects and autonomic dysfunction. Gene ECE1	45 days
ICM101897	Hirschsprung's disease. Gene EDNRB. Complete sequencing Sanger.	45 days
ICM100713	Histidinemia. HAL gene	45 days
ICM101054	Holoprosencephaly non-syndromic. NGS Panel 14 genes	45 days
ICM102410	Holoprosencephaly non-syndromic. SHH gene. Complete sequencing Sanger.	45 days
ICM100715	Holoprosencephaly related to FGF8. FGF8 gene	45 days
ICM100720	Holoprosencephaly type 10. Gene DISP1	45 days
ICM100721	Holoprosencephaly type 11. Gene CDON	45 days
ICM100722	Holoprosencephaly type 2. Gene SIX3	45 days
ICM100723	Holoprosencephaly type 3. Gene SHH	45 days
ICM100724	Holoprosencephaly type 4 . Gene TGIF1	45 days
ICM100725	Holoprosencephaly type 5. Gene ZIC2	45 days
ICM100726	Holoprosencephaly type 7. Gene PTCH1	45 days
ICM100727	Holoprosencephaly type 9. Gene GLI2	45 days
ICM102862	Holoprosencephaly. Genes SHH, SONIC HEDGEHOG. Deletions-duplications (MLPA).	30 days
ICM102475	Holt-Oram syndrome. Gene TBX5. Complete sequencing Sanger.	45 days
ICM102821	Holt-Oram syndrome. Gene TBX5. Deletions-duplications (MLPA).	30 days
ICM100729	Homocystinuria deficit cystathionine beta-synthase. CBS gene	45 days
ICM100730	Homocystinuria due to MTHFR deficit. MTHFR gene	45 days
ICM100733	Homocystinuria-type CblG megaloblastic anemia. Gene MTR	45 days
ICM101788	Homocystinuria, cistationina deficit beta-synthase. CBS gene. Complete sequencing Sanger.	45 days
ICM101055	Homocystinuria. NGS panel 6 genes: CBS, MTHFR, MTR, MTRR, MMADHC, MMACHC	45 days
ICM100731	Homocystinuria. NGS panel. Genes CBS, MTHFR	45 days
ICM102008	Hormone deficiency growth. GH1 gene. Complete sequencing Sanger.	45 days
ICM102698	Hormone deficiency growth. GH1 gene. Deletions-duplications (MLPA).	30 days

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ICM102069	Huntington's disease. HTT gene (HD). CAG expansion.	30 days
ICM102183	Hyper IgD syndrome. MVK gene. Complete sequencing Sanger.	45 days
ICM102462	Hyper IgE syndrome. STAT3 gene. Complete sequencing Sanger.	45 days
ICM102816	Hyper IgE syndrome. STAT3 gene. Deletions-duplications (MLPA).	30 days
ICM101790	Hyper IgM syndrome type 3. Gene CD40. Complete sequencing Sanger.	45 days
ICM102540	Hyper IgM syndrome type 5. Gene UNG. Complete sequencing Sanger.	45 days
ICM101791	Hyper IgM syndrome X-linked. Gene CD40LG (TNFSF5). Complete sequencing Sanger.	45 days
ICM101694	Hyper IgM type 2 syndrome. Gene AICDA. Complete sequencing Sanger.	45 days
ICM102440	Hyperbilirubinemia, Rotor type. Gene SLCO1B1. Rs4149056 polymorphisms (Val174Ala); rs2306283 (Asp130Asn).	25 days
ICM101786	Hypercalcemia family hypocalciuric. CASR gene. Complete sequencing Sanger.	45 days
ICM102641	Hypercalcemia family hypocalciuric. CASR gene. Deletions-duplications (MLPA).	30 days
ICM101979	Hyperferritinemia with or without cataracts. FTL gene. Complete sequencing Sanger.	45 days
ICM102722	Hyperinsulinemia - family hypoglycemia, type 2. Gene KCNJ11. Deletions-duplications (MLPA).	30 days
ICM102021	Hyperinsulinism-hyperammonemia syndrome. Gene GLUD1. Complete sequencing Sanger.	45 days
ICM101143	Hyperkalemic periodic paralysis type 1. Gene SCN4A	45 days
ICM102139	Hyperlipoproteinemia types 1 and 5: lipoprotein lipase deficiency. LPL gene. Complete sequencing Sanger.	45 days
ICM102733	Hyperlipoproteinemia types 1 and 5: lipoprotein lipase deficiency. LPL gene. Deletions-duplications (MLPA).	30 days
ICM102138	Hyperlipoproteinemia types 1 and 5: lipoprotein lipase deficiency. LPL gene. G188E mutation.	15 days
ICM100671	Hypermethioninemia. Gene MAT1A	45 days
ICM101357	Hyperornithinemia-hyperammonemia syndrome-homocitrullinuria. Gene SLC25A15	45 days
ICM101510	Hyperornithinemia-hyperammonemia syndrome-homocitrullinuria. Gene SLC25A15	45 days
ICM101792	Hyperparathyroidism. CDC73 gene (HRPT2). Complete sequencing Sanger.	45 days
ICM100677	Hyperprolinaemia type I. Gene PRODH	45 days
ICM100678	Hyperprolinaemia type II. Gene ALDH4A1	45 days
ICM101051	Hyperprolinaemia. NGS panel 2 genes: PRODH, ALDH4A1	45 days
ICM101070	Hypertrophic / Cardiomyopathy HCM. NGS Panel 16 genes	45 days
ICM102865	Hypertrophic cardiomyopathy. Genes TNNT2, BAG3. Deletions-duplications (MLPA).	30 days
ICM100681	Hypochondroplasia. FGFR3 gene	45 days
ICM100684	Hypogonadotropic hypogonadism type 10. Gene TAC3	45 days
ICM100685	Hypogonadotropic hypogonadism type 11. Gene TACR3	45 days
ICM100686	Hypogonadotropic hypogonadism type 12. Gene GNRH1	45 days
ICM102104	Hypogonadotropic hypogonadism type 13 with or without anosmia. Gene KISS1. Complete sequencing Sanger.	35 days
ICM100687	Hypogonadotropic hypogonadism type 13. Gene KISS1	45 days
ICM100688	Hypogonadotropic hypogonadism type 14. Gene WDR11	45 days
ICM100689	Hypogonadotropic hypogonadism type 17. Gene SPRY4	45 days
ICM100690	Hypogonadotropic hypogonadism type 18. Gene IL17RD	45 days
ICM100691	Hypogonadotropic hypogonadism type 19. Gene dusp6	45 days
ICM100692	Hypogonadotropic hypogonadism type 20. Gene FGF17	45 days
ICM100693	Hypogonadotropic hypogonadism type 21. Gene FLRT3	45 days
ICM100694	Hypogonadotropic hypogonadism type 7. Gene GnRHR	45 days

ICM code	Pathology definition	TAT
ICM102105	Hypogonadotropic hypogonadism type 8 with or without anosmia. KISS1R gene (GPR54). Complete sequencing Sanger	45 days
ICM100695	Hypogonadotropic hypogonadism type 8. Gene KISS1R	45 days
ICM102316	Hypogonadotropic hypogonadism with or without anosmia type 3. Gene PROKR2. Complete sequencing Sanger.	45 days
ICM102315	Hypogonadotropic hypogonadism with or without anosmia type 4. Gene PROK2. Complete sequencing Sanger.	45 days
ICM102024	Hypogonadotropic hypogonadism with or without anosmia type 7. Gene GNRHR. Complete sequencing Sanger	45 days
ICM101387	Hypogonadotropic hypogonadism. Kallmann syndrome type 1. Gene KAL1	45 days
ICM101388	Hypogonadotropic hypogonadism. Kallmann syndrome type 2 Gene FGFR1	45 days
ICM101389	Hypogonadotropic hypogonadism. Kallmann syndrome type 3 Gene PROKR2	45 days
ICM101390	Hypogonadotropic hypogonadism. Kallmann syndrome type 4 Gene PROK2	45 days
ICM101391	Hypogonadotropic hypogonadism. Kallmann syndrome type 5. Gene CHD7	45 days
ICM101392	Hypogonadotropic hypogonadism. Kallmann syndrome type 6. Gene FGF8	45 days
ICM102130	Hypogonadotropic hypogonadism. LHB gene. Complete sequencing Sanger.	45 days
ICM100391	Hypohidrotic autosomal ectodermal dysplasia. EDAR gene, EDARADD	45 days
ICM100393	Hypohidrotic ectodermal dysplasia. NGS panel. Genes EDA, EDAR, EDARADD	45 days
ICM100392	Hypohidrotic X-linked ectodermal dysplasia. Gene EDA	45 days
ICM101146	Hypokalemic periodic paralysis 1 and 2. NGS panel. Genes: CACNA1S, SCN4A	45 days
ICM100696	Hypomyelination and congenital cataract. Gene FAM126A	45 days
ICM100682	Hypophosphatasia. Gene ALPL	45 days
ICM101212	Hypophosphatemic rickets autosomal recessive 1. Gene DMP1	45 days
ICM101213	Hypophosphatemic rickets autosomal recessive 2. Gene ENPP1	45 days
ICM101214	Hypophosphatemic rickets with hypercalciuria. SLC34A3 gene	45 days
ICM101358	Hypoplasia and aplasia syndrome in pelvis and extremities. Gene WNT7A	45 days
ICM102524	Hypothyroidism familiar type 1. Gene TSHR. Complete sequencing Sanger.	45 days
ICM102523	Hypothyroidism familiar type 4. Gene TSHB. Complete sequencing Sanger.	45 days
ICM100306	I deficit carbamoylphosphate synthetase. CPS1 gene	45 days
ICM101056	Ichthyosis and ichthyosiform erirtroderma. NGS Panel 25 genes	45 days
ICM102115	Ichthyosis epidermolytic surface. Gene KRT2. Complete sequencing Sanger.	45 days
ICM100741	Ichthyosis vulgaris. FLG gene	45 days
ICM102383	Idiopathic bronchiectasis. Gene SCNN1A. Complete sequencing Sanger.	45 days
ICM102805	Idiopathic generalized epilepsy (deficit Glut-1). SLC2A1 gene. Deletions-duplications (MLPA).	30 days
ICM102232	Idiopathic nephrotic syndrome. Gene NPHS2. Complete sequencing Sanger.	45 days
ICM102143	IFAP syndrome. Gene MBTPS2. Complete sequencing Sanger.	45 days
ICM101680	Imatinib resistance. ABL gene. Frequent mutations	30days
ICM100744	Immunodeficiency 17. Gene CD3G	45 days
ICM100745	Immunodeficiency 18. Gene CD3E	45 days
ICM100746	Immunodeficiency 19. Gene CD3D	45 days
ICM102696	Immunodeficiency 21. GATA2 Gen. Deletions-duplications (MLPA).	30 days
ICM100747	Immunodeficiency 8. Gene CORO1A	45 days
ICM101057	Immunodeficiency. NGS panel 32 genes	45 days
ICM102653	Imperfect osteogenesis. COL1A1 gene. Deletions-duplications (MLPA).	30 days
ICM102655	Imperfect osteogenesis. COL1A2 gene. Deletions-duplications (MLPA).	30 days

ICM code	Pathology definition	TAT
ICM101141	Imperfect osteogenesis. NGS Panel 13 genes	45 days
ICM100858	Inclusion body myopathy, Paget's disease of bone and frontotemporal dementia. VCP gene	45 days
ICM100742	Incontinent pigmenti. Gene IKBKG	45 days
ICM101031	Infantile epileptic encephalopathy. NGS Panel 36 genes	45 days
ICM101333	Infantile spasm syndrome X-linked gene 1. ARX	45 days
ICM101334	Infantile spasm syndrome X-linked gene 2. CDKL5	45 days
ICM101335	Infantile spasm syndrome X-linked genes NGS panel ARX, CDKL5	45 days
ICM100135	Infantile spinal muscular atrophy X-linked. Gene UBA1	45 days
ICM102078	Insulin resistance. Gene INSR. Complete sequencing Sanger.	45 days
ICM102713	Intellectual deficit X-linked type 21. Gene IL1RAPL1. Deletions-duplications (MLPA).	30 days
ICM101001	Intellectual deficit. NGS Panel 514 genes	45 days
ICM101745	Intrahepatic cholestasis family type. ATP8B1 gene (FIC1). Complete sequencing Sanger.	45 days
ICM101676	Intrahepatic cholestasis family. ABCB11 gene (BSEP). Complete sequencing Sanger.	45 days
ICM102615	Intrahepatic cholestasis family. Gene ABCB4. Deletions-duplications (MLPA).	30 days
ICM101649	Investment MYH11 / CBFB. inv (16) (p13q22) or t (16; 16). Qualitative.	15 days
ICM101650	Investment MYH11 / CBFB. inv (16) (p13q22) or t (16; 16). Quantitative.	15 days
ICM101651	Investment TCRA / TCL1. inv (14) (q11q32) or t (14; 14). Qualitative.	15 days
ICM102089	Isolated arrhythmogenic ventricular dysplasia predominantly right family. JUP gene. Complete sequencing Sanger.	45 days
ICM102483	Isolated arrhythmogenic ventricular dysplasia predominantly right. Gene TGFB3. Complete sequencing Sanger.	45 days
ICM100830	Isolated microphthalmia type 3. Gene RAX	45 days
ICM100831	Isolated microphthalmia type 4. Gene GDF6	45 days
ICM100015	Isovaleric acidemia. IVD gene	45 days
ICM101364	Johanson Blizzard syndrome. Gene UBR1	45 days
ICM102228	Joubert / familial juvenile nephronophthisis syndrome. Gene NPHP1. Complete sequencing Sanger.	45 days
ICM101112	Joubert syndrome and related disorders. NGS Panel 21 genes	45 days
ICM101365	Joubert syndrome related to TCTN2. Gene TCTN2	45 days
ICM101366	Joubert syndrome type 1. Gene INPP5E	45 days
ICM101367	Joubert syndrome type 10. Gene OFD1	45 days
ICM101368	Joubert syndrome type 11. Gene TTC21B	45 days
ICM101369	Joubert syndrome type 12. Gene KIF7	45 days
ICM101370	Joubert syndrome type 13. Gene TCTN1	45 days
ICM101371	Joubert syndrome type 14. Gene TMEM237	45 days
ICM101372	Joubert syndrome type 15. Gene CEP41	45 days
ICM101373	Joubert syndrome type 16. Gene TMEM138	45 days
ICM101374	Joubert syndrome type 17. Gene C5orf42	45 days
ICM101375	Joubert syndrome type 18 Gene TCTN3	45 days
ICM101376	Joubert syndrome type 19. Gene ZNF423	45 days
ICM101377	Joubert syndrome type 2 Gene TMEM216	45 days
ICM101378	Joubert syndrome type 20. Gene TMEM231	45 days
ICM101379	Joubert syndrome type 3 Gene AHI1	45 days
ICM101380	Joubert syndrome type 4 Gene NPHP1	45 days
ICM101381	Joubert syndrome type 5. Gene CEP290	45 days
ICM101382	Joubert syndrome type 6. Gene TMEM67	45 days
ICM101383	Joubert syndrome type 7. Gene RPGRIP1L	45 days

ICM code	Pathology definition	TAT
ICM101384	Joubert syndrome type 8. Gene ARL13B	45 days
ICM101385	Joubert syndrome type 9. Gene CC2D2A	45 days
ICM102077	Joubert syndrome, type 1. Gene INPP5E. Complete sequencing Sanger.	45 days
ICM101693	Joubert syndrome, type 3 Gene AHI1. Complete sequencing Sanger.	45 days
ICM101723	Joubert syndrome, type 8. Gene ARL13B. Complete sequencing Sanger.	45 days
ICM101386	Joubert syndrome. TMEM67 gene	45 days
ICM100577	Junctional epidermolysis bullous related to COL17A1. Gene COL17A1	45 days
ICM100580	Junctional epidermolysis bullous related to LAMA3. Gene LAMA3	45 days
ICM100581	Junctional epidermolysis bullous related to LAMB3. Gene LAMB3	45 days
ICM100584	Junctional epidermolysis bullous related to LAMC2. Gene LAMC2	45 days
ICM101898	Juvenile absence epilepsy type 1. Gene EFHC1. Complete sequencing Sanger.	45 days
ICM101437	Juvenile polyposis syndrome. NGS panel. Genes SMAD4, BMPR1A	45 days
ICM102724	Kabuki syndrome. Gene KDM6A. Deletions-duplications (MLPA).	30 days
ICM102725	Kabuki syndrome. Gene KMT2D. Deletions-duplications (MLPA).	30 days
ICM102623	Kallmann syndrome. Gene YEARS1. Deletions-duplications (MLPA).	30 days
ICM101113	Kallmann syndrome. NGS panel 6 genes: KAL1, FGFR1, PROKR2, PROK2, CHD7, FGF8	45 days
ICM102473	Kenny-Caffey syndrome. Gene TBCE. Complete sequencing Sanger.	45 days
ICM102549	Keratoconus type 1. Gene VSX1. Complete sequencing Sanger.	45 days
ICM101004	Kidney disease and kidney disease. NGS panel 355 genes	45 days
ICM101944	Kindler syndrome. FERMT1 gene (KIND1). Complete sequencing Sanger.	45 days
ICM102322	Kinesigenic paroxysmal dyskinesia. Gene PRRT2. Complete sequencing Sanger.	45 days
ICM102677	Kleefstra syndrome. Gene EHMT1. Deletions-duplications (MLPA).	30 days
ICM102005	Klippel-Feil syndrome type 1. Gene GDF6. Complete sequencing Sanger.	45 days
ICM100207	Korea-acanthocytosis. Gene VPS13A	45 days
ICM100515	Krabbe disease. Gene GALC	45 days
ICM100025	Lactic Acidosis child lethal. Gene SUCLG1	45 days
ICM102148	Lactose intolerance. Gene MCM6. Complete sequencing Sanger.	45 days
ICM100520	Lafora disease. NGS Panel. Genes EPM2A, NHLRC1	45 days
ICM100866	Laing distal myopathy. Gene MYH7	45 days
ICM100739	Lamellar ichthyosis. Gene TGM1	45 days
ICM102009	Laron syndrome. GHR gene. Complete sequencing Sanger.	45 days
ICM102691	Larsen syndrome. Gene FLNB. Deletions-duplications (MLPA).	30 days
ICM102345	Leber congenital amaurosis type 13. Gene RDH12. Complete sequencing Sanger.	45 days
ICM101848	Leber congenital amaurosis type 7. Gene CRX. Complete sequencing Sanger.	45 days
ICM102034	Leber Congenital Amaurosis. Gene GUCY2D. Complete sequencing Sanger.	45 days
ICM102363	Leber congenital amaurosis. Gene RPGRIP1. Complete sequencing Sanger.	45 days
ICM102851	Leber Congenital Amaurosis. Genes GUCY2D, RDH12, RPGRIP1, CEP2909. Deletions-duplications (MLPA).	30 days
ICM100976	Leber Congenital Amaurosis. NGS Panel 19 genes	45 days
ICM102361	Leber congenital amaurosis. RPE65 gene. Complete sequencing Sanger.	45 days
ICM102173	Leber's hereditary optic neuropathy. MT-COI gene. Mutations T7445C; A7443G; T7472insC; T7511C.	20 days
ICM102174	Leber's hereditary optic neuropathy. MT-CYB gene. Complete sequencing Sanger.	45 days
ICM102179	Leber's hereditary optic neuropathy. MTND5 gene (MTND5). Complete sequencing Sanger.	25 days

ICM code	Pathology definition	TAT
ICM101889	Left ventricular non compaction. Gene DTNA. Complete sequencing Sanger.	45 days
ICM101135	Left ventricular non-compaction / LVNC. NGS Panel 13 genes	45 days
ICM102973	Left ventricular non-compaction. Gene TAZ.	45 days
ICM102657	Legg-Calve-Perthes's disease. COL2A1 gene. Deletions-duplications (MLPA).	30 days
ICM102455	Legius syndrome. Gene SPRED1. Complete sequencing Sanger.	45 days
ICM102814	Legius syndrome. Gene SPRED1. Deletions-duplications (MLPA).	30 days
ICM102469	Leigh syndrome, COX deficit. Gene SURF1. Complete sequencing Sanger.	45 days
ICM101840	Leigh syndrome. Gene COX15. Complete sequencing Sanger.	45 days
ICM102200	Leigh syndrome. Gene NDUFA2. Complete sequencing Sanger.	45 days
ICM102201	Leigh syndrome. NDUFAF2 gene (B17.2L). Complete sequencing Sanger.	45 days
ICM101416	Lenz Microphthalmia syndrome. Gene BCOR	45 days
ICM101398	Lenz syndrome; Microphthalmia. Gene BCOR	45 days
ICM101396	LEOPARD syndrome type 1. Lentigos multiple type 2. Gene RAF1	45 days
ICM101395	LEOPARD syndrome type 1. Lentigos multiple type 1. Gene PTPN11	45 days
ICM101397	LEOPARD syndrome type 1. Lentigos multiple type 3. Gene BRAF	45 days
ICM102411	Leri-Weill syndrome. SHOX gene. Complete sequencing Sanger.	45 days
ICM102802	Leri-Weill syndrome. SHOX gene. Deletions-duplications (MLPA).	30 days
ICM102058	Lesch-Nyhan syndrome. Gene HPRT1. Complete sequencing Sanger.	45 days
ICM100785	Leukodystrophies related to Pol III. NGS panel. Genes POLR3A, POLR3B	45 days
ICM100787	Leukoencephalopathy with involvement of brainstem and spinal cord and lactate elevation. Gene DARS2	45 days
ICM100786	Leukoencephalopathy with involvement of the thalamus and brainstem and elevated lactate. Gene EARS2	45 days
ICM100788	Leukoencephalopathy with vanishing white matter. NGS panel. Genes EIF2B1, EIF2B2, EIF2B3, EIF2B4, EIF2B5	45 days
ICM101902	Leukoencephalopathy. Gene EIF2B1. Complete sequencing Sanger.	45 days
ICM101903	Leukoencephalopathy. Gene EIF2B2. Complete sequencing Sanger.	45 days
ICM101904	Leukoencephalopathy. Gene EIF2B3. Complete sequencing Sanger.	45 days
ICM101905	Leukoencephalopathy. Gene EIF2B4. Complete sequencing Sanger.	45 days
ICM101906	Leukoencephalopathy. Gene EIF2B5. Complete sequencing Sanger.	45 days
ICM101060	Leukoencephalopathy. NGS panel 54 genes	45 days
ICM102444	Lewy body dementia. SNCA gene. Complete sequencing Sanger.	45 days
ICM102810	Lewy body dementia. SNCA gene. Deletions-duplications (MLPA).	30 days
ICM102131	Leydig cell hypoplasia resistance to LH. Gene LHCGR. Complete sequencing Sanger.	45 days
ICM102647	Li-Fraumeni syndrome type 2. CHEK2 gene. Deletions-duplications (MLPA).	30 days
ICM101807	Li-Fraumeni type 2 syndrome. CHEK2 gene. Complete sequencing Sanger.	45 days
ICM102384	Liddle syndrome. Gene SCNN1B. Complete sequencing Sanger.	45 days
ICM102385	Liddle syndrome. Gene SCNN1G. Complete sequencing Sanger.	45 days
ICM101511	LIG4 syndrome. Gene LIG4	45 days
ICM101125	Linked lymphoproliferative syndrome X. NGS panel 2 genes: SH2D1A, XIAP	45 days
ICM101878	Lipoamida dehydrogenase deficiency. DLD gene. Complete sequencing Sanger.	45 days
ICM101064	Lipofucinosis neuronal ceroid. NGS Panel 13 genes	45 days
ICM100802	Lipofuscinoses neuronal ceroid. NGS panel. Genes PPT1, CTSD, TPP1, CLN3, CLN5, CLN6, MFSD8, CLN8	45 days
ICM101729	Lipogranulomatosis Farber. Gene ASAH1. Complete sequencing Sanger.	45 days
ICM102254	Lissencephaly type 1. Gene PAFAH1B1. Complete sequencing Sanger.	45 days
ICM102757	Lissencephaly type 1. Gene PAFAH1B1. Deletions-duplications (MLPA).	30 days
ICM102529	Lissencephaly type 3. Gene TUBA1A. Complete sequencing Sanger.	45 days

ICM code	Pathology definition	TAT
ICM101871	Lissencephaly, X-linked type 1. Gene DCX. Complete sequencing Sanger.	45 days
ICM102668	Lissencephaly, X-linked type 1. Gene DCX. Deletions-duplications (MLPA).	30 days
ICM101405	Loeys-Dietz syndrome 1 and 2. NGS panel. Genes: TGFBR1, TGFBR2	45 days
ICM102864	Loeys-Dietz syndrome type 1. Genes TGFBR1, TGFBR2. Deletions-duplications (MLPA).	30 days
ICM101400	Loeys-Dietz syndrome, type 1A. Gene TGFBR1	45 days
ICM101401	Loeys-Dietz syndrome, type 1B. Gene TGFBR2	45 days
ICM101402	Loeys-Dietz syndrome, type 2B. Gene TGFBR2	45 days
ICM101403	Loeys-Dietz syndrome, type 3. Gene SMAD3	45 days
ICM101404	Loeys-Dietz syndrome, type 4 Gene TGFB2	45 days
ICM102100	Long QT syndrome type 1. KCNQ1 gene (KVLQT1). Complete sequencing Sanger.	45 days
ICM102382	Long QT syndrome type 3. SCN5A gene. Complete sequencing Sanger.	45 days
ICM102793	Long QT syndrome type 3. SCN5A gene. Deletions-duplications (MLPA).	30 days
ICM102095	Long QT type 2 syndrome. Gene KCNH2. Complete sequencing Sanger.	45 days
ICM102093	Long QT type 5 syndrome. KCNE1 gene. Complete sequencing Sanger.	45 days
ICM102094	Long QT type 6 syndrome. Gene KCNE2. Complete sequencing Sanger.	45 days
ICM102244	Lowe syndrome. Gene OCRL. Complete sequencing Sanger.	45 days
ICM101900	Lung cancer. EGFR gene. Exons 18-21.	30 days
ICM101085	Lung cancer. Molecular characterization. LIQUID BIOPSY	12 days
ICM101086	Lung cancer. Molecular characterization. TISSUE / PARAFINA	12 days
ICM102051	Lyase deficiency (HMG-CoA synthase). Gene HMGCL. Complete sequencing Sanger.	45 days
ICM101973	Lymphedema - distichiasis, syndrome. Gene FOXC2. Complete sequencing Sanger.	45 days
ICM101399	Lymphedema-Distichiasis syndrome. Gene FOXC2	45 days
ICM100794	Lymphohistiocytosis family hemophagocytic type 3. Gene UNC13D	45 days
ICM101061	Lymphohistiocytosis family Hemophagocytic. NGS panel 4 genes: PRF1, STX11, STXBP2, UNC13D	45 days
ICM102308	Lymphohistiocytosis family hemophagocytic. PRF1 gene. Complete sequencing Sanger.	45 days
ICM101406	Lynch syndrome type 1. Gene MSH2	45 days
ICM101407	Lynch syndrome type 2. Gene MLH1	45 days
ICM101408	Lynch syndrome type 5. Gene MSH6	45 days
ICM101409	Lynch syndrome type 8. Gene EPCAM	45 days
ICM101115	Lynch syndrome. NGS panel 4 genes: MLH1, MSH2, MSH6, EPCAM	45 days
ICM102123	Lysosomal storage glycogen disease deficit LAMP2: Danon disease.	45 days
ICM102141	Lysozyme amyloidosis. Gene LYZ. Complete sequencing Sanger.	45 days
ICM101579	Macrothrombocytopenia and progressive sensorineural deafness. Gene MYH9	45 days
ICM101813	Macular corneal dystrophy. Gene CHST6. Complete sequencing Sanger.	45 days
ICM101002	Macular degeneration. NGS Panel 15 genes	45 days
ICM101016	Macular degeneration. NGS panel 57 genes	45 days
ICM102416	Macular dystrophy and / or retina. Gene SIX6. Complete sequencing Sanger.	45 days
ICM101030	Macular dystrophy. NGS Panel 11 genes	45 days
ICM102321	Macular dystrophy. PRPH2 gene (RDS). Complete sequencing Sanger.	45 days
ICM101630	Male hereditary cancer panel (41 genes)	45 days
ICM101794	Malignant melanoma. CDK4 gene. Complete sequencing Sanger.	45 days
ICM101817	Malignant osteopetrosis child. Gene CLCN7. Complete sequencing Sanger.	45 days
ICM100032	Malonic aciduria and methylmalonic combined. Gene ACSF3	45 days
ICM100308	Malonyl-CoA deficit. Gene MLYCD	45 days

ICM code	Pathology definition	TAT
ICM101025	Mandibuloacral dysplasia A (MADA) lipodystrophy. NGS panel 2 genes: LMNA, ZMPSTE24	45 days
ICM100413	Mandibuloacral dysplasia. NGS panel. Genes LMNA, ZMPSTE24	45 days
ICM102682	Marfan syndrome. FBN1 gene. Deletions-duplications (MLPA).	30 days
ICM101412	Marfan syndrome. Gene FBN1	45 days
ICM101038	Marfan-related diseases and aneurysms disease. NGS Panel 14 genes	45 days
ICM101413	Marinesco-Sjögren syndrome. Gene SIL1	45 days
ICM102107	Mastocytosis. KIT gene. D816V mutation.	15 days
ICM102106	Mastocytosis. KIT gene. Exons 8, 11 and 17.	30 days
ICM102977	Maternal ADN exclusion in fetal sample	
ICM102022	McCune-Albright syndrome. GNAS gene. Complete sequencing Sanger.	45 days
ICM102159	Meckel syndrome type 1. MKS1 gene (BBS13). Complete sequencing Sanger.	45 days
ICM102364	Meckel syndrome type 5. Gene RPGRIP1L. Complete sequencing Sanger.	45 days
ICM102229	Meckel syndrome type 7. Gene NPHP3. Complete sequencing Sanger.	45 days
ICM101414	Meckel-Gruber syndrome type 1. Gene MKS1	45 days
ICM102538	medullary cystic disease AD. Gene UMOD. Complete sequencing Sanger.	45 days
ICM100912	Medullary cystic kidney disease type 1. Gene MUC1	45 days
ICM100913	Medullary cystic kidney disease type 2 Gene UMOD	45 days
ICM100790	Megalencefálica leukoencephalopathy with subcortical cysts type 1. Gene MLC1	45 days
ICM100791	Megalencefálica leukoencephalopathy with subcortical cysts type 2A. Gene HEPACAM	45 days
ICM100792	Megalencefálica leukoencephalopathy with subcortical cysts type 2B. Gene HEPACAM	45 days
ICM102160	Megalencefálica leukoencephalopathy with subcortical cysts. Gene MLC1. Complete sequencing Sanger.	45 days
ICM100732	Megaloblastic anemia cble homocystinuria-type. MTRR gene	45 days
ICM101249	Megaloblastic anemia syndrome with response to thiamine. SLC19A2 gene	45 days
ICM101065	Melanoma. NGS panel 2 genes: CDKN2A, CDK4	45 days
ICM100524	Menkes disease. Gene ATP7A	45 days
ICM101320	Mental retardation syndrome with alpha thalassemia X-linked. Gene ATRX	45 days
ICM102401	Metabolism deficiency of pulmonary surfactant. Gene SFTPC. Complete sequencing Sanger.	45 days
ICM100369	Metabolism dysfunction of pulmonary surfactant type 1. Gene SFTPB	45 days
ICM100370	Metabolism dysfunction of pulmonary surfactant type 2 Gene SFTPC	45 days
ICM100371	Metabolism dysfunction of pulmonary surfactant type 3. Gene ABCA3	45 days
ICM100372	Metabolism dysfunction of pulmonary surfactant type 4. Gene CSF2RA	45 days
ICM100373	Metabolism dysfunction of pulmonary surfactant type 5. Gene CSF2RB	45 days
ICM101020	Metabolism dysfunction of pulmonary surfactant. NGS panel 5 genes: SFTPB, ABCA3, CSF2RA, CSF2RB, SFTPC	45 days
ICM100014	Metabolopathies and drug response. NGS Panel 169 genes	45 days
ICM100783	Metachromatic leukodystrophie deficit saposin B. Gene PSAP	45 days
ICM100782	Metachromatic leukodystrophy deficit arylsulfatase A. Gene ARSA	45 days
ICM101725	Metachromatic leukodystrophy. ARSA gene. Complete sequencing Sanger.	45 days
ICM100382	Metafisaria dysplasia autosomal dominant skull. ANKH gene	45 days
ICM100383	Metafisaria dysplasia autosomal dominant skull. SOST gene	45 days
ICM102330	Metaphyseal chondrodysplasia Jansen type. PTH gene. Complete sequencing Sanger.	45 days
ICM100197	Metaphyseal chondrodysplasia Jansen. Gene PTH1R	45 days
ICM100198	Metaphyseal chondrodysplasia Schmid. Gene COL10A1	45 days

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ICM101830	Metaphyseal chondrodysplasia type Schmid. Gene COL10A1. Complete sequencing Sanger.	45 days
ICM100016	Methylmalonic acidemia related to MCEE. Gene ESCM	45 days
ICM100018	Methylmalonic acidemia related to MOEF. Gene MOEF	45 days
ICM100021	Methylmalonic acidemia. NGS panel. Genes MUT, MMYY, MOEF, ESCM, MMADHC	45 days
ICM100033	Methylmalonic aciduria and homocystinuria CBLC type. Gene MMACHC	45 days
ICM100035	Methylmalonic aciduria and homocystinuria CblD type. Gene MMADHC	45 days
ICM100037	Methylmalonic aciduria and homocystinuria CblF type. Gene LMBRD1	45 days
ICM100038	Methylmalonic aciduria and homocystinuria CblJ type. Gene ABCD4	45 days
ICM100039	Methylmalonic aciduria and homocystinuria CblJ type. Gene MTR	45 days
ICM100818	Microangipathy brain cysts and calcifications. Gene CTC1	45 days
ICM101066	Microphthalmia / Anophthalmia. NGS Panel 38 genes	45 days
ICM100835	Microphthalmia cataract type 2 Gene SIX6	45 days
ICM100832	Microphthalmia isolated type 5. Gene MFRP	45 days
ICM100829	Microphthalmia isolated type 2. Gene VSX2	45 days
ICM100833	Microphthalmia isolated type 6. Gene PRSS56	45 days
ICM100834	Microphthalmia isolated type 7. Gene GDF3	45 days
ICM100841	Microphthalmia Nonsyndromic type 11. Gene VAX1	45 days
ICM100836	Microphthalmia with cataracts type 3. Gene VSX2	45 days
ICM100837	Microphthalmia with cataracts type 5. Gene SHH	45 days
ICM100838	Microphthalmia with coloboma type 3. Gene VSX2	45 days
ICM100839	Microphthalmia with coloboma type 7. Gene ABCB6	45 days
ICM100840	Microphthalmia with coloboma type 8. Gene STRA6	45 days
ICM100526	Milroy disease. FLT4 gene	45 days
ICM101969	Milroy's disease. FLT4 gene. Complete sequencing Sanger.	45 days
ICM102191	Miotilinopathy. MYOT gene (TTID). Complete sequencing Sanger.	45 days
ICM102198	Mitochondrial complex I deficiency. Gene NDUFA1. Complete sequencing Sanger.	45 days
ICM102199	Mitochondrial complex I deficiency. Gene NDUFA11. Complete sequencing Sanger.	45 days
ICM102204	Mitochondrial complex I deficiency. Gene NDUFS1. Complete sequencing Sanger.	45 days
ICM102205	Mitochondrial complex I deficiency. Gene Ndufs2. Complete sequencing Sanger.	45 days
ICM102206	Mitochondrial complex I deficiency. Gene NDUFS3. Complete sequencing Sanger.	45 days
ICM102207	Mitochondrial complex I deficiency. Gene NDUFS4. Complete sequencing Sanger.	45 days
ICM102208	Mitochondrial complex I deficiency. Gene NDUFS6. Complete sequencing Sanger.	45 days
ICM102209	Mitochondrial complex I deficiency. Gene NDUFS7. Complete sequencing Sanger.	45 days
ICM102210	Mitochondrial complex I deficiency. Gene NDUFS8. Complete sequencing Sanger.	45 days
ICM102211	Mitochondrial complex I deficiency. Gene NDUFV1. Complete sequencing Sanger.	45 days
ICM102212	Mitochondrial complex I deficiency. Gene NDUFV2. Complete sequencing Sanger.	45 days
ICM102202	Mitochondrial complex I deficiency. NDUFAF4 gene (HRPAP20). Complete sequencing Sanger.	45 days
ICM102203	Mitochondrial complex I deficiency. NDUFAF5 gene (C20ORF7). Complete sequencing Sanger.	45 days
ICM101223	Mitochondrial genome. Complete sequencing	45 days

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ICM100887	Mitochondrial myopathy and sideroblastic anemia. Gene PUS1	45 days
ICM100017	MMYY related methylmalonic acidemia. Gene MMYY	45 days
ICM100893	Modifier oculocutaneous albinism type 2. MC1R Gen	45 days
ICM101019	MODY diabetes. NGS panel 13 genes	45 days
ICM100860	Mopathy due to deficit ISCU. Gene ISCU	45 days
ICM102145	Morbid obesity. MC4R gene. Complete sequencing Sanger.	45 days
ICM101417	Mowat-Wilson syndrome. Gene ZEB2	45 days
ICM102836	Mowat-Wilson syndrome. Gene ZEB2. Deletions-duplications (MLPA).	30 days
ICM102072	MPS1 or Hurler syndrome. Gene IDUA. Complete sequencing Sanger.	45 days
ICM101635	MtDNA mutation A1555G	15 days
ICM101638	MTND5 gene (MTND5). Mutations 12770A> G; 13045A> C; c.13084A> T; 13513G> AY 13514A> G	15 days
ICM101642	MTTL1 gene (MTTL1). A3243G mutation.	25 days
ICM101643	MTTL1 gene (MTTL1). Mutations A3243; A3253; C3256; T3271; T3291.	20 days
ICM101644	MTTL1 gene (MTTL1). Mutations A3243G; C3256T; A3252G; C3093G; G3244A; T3258C; T3271C; T3291C.	20 days
ICM102222	Muckle-Wells syndrome. NLRP3 gene (CIAS1). Complete sequencing Sanger.	45 days
ICM100895	Mucolipidoses III Alpha and Beta. Gene GNPTAB	45 days
ICM100896	Mucolipidoses III Gamma. Gene GNPTG	45 days
ICM100897	Mucolipidoses IV. Gene MCOLN1	45 days
ICM101072	Mucolipidoses. NGS panel 4 genes: Neu1, GNPTAB, GNPTG, MCOLN1	45 days
ICM102070	Mucopolysaccharidosis 9. Gene HYAL1. Complete sequencing Sanger.	45 days
ICM100898	Mucopolysaccharidosis ES. Gene IDUA	45 days
ICM100899	Mucopolysaccharidosis IH. Gene IDUA	45 days
ICM100900	Mucopolysaccharidosis II. IDS gene	45 days
ICM100901	Mucopolysaccharidosis IVA. GALNS gene	45 days
ICM102711	Mucopolysaccharidosis type 2. Gene IDS. Deletions-duplications (MLPA).	30 days
ICM101992	Mucopolysaccharidosis type 4A. GALNS gene. Complete sequencing Sanger.	45 days
ICM100902	Mucopolysaccharidosis Type III D. Gene GNS	45 days
ICM100903	Mucopolysaccharidosis type IIIA. Gene SGSH	45 days
ICM100910	Mucopolysaccharidosis type IIIB. Gene NAGLU	45 days
ICM100904	Mucopolysaccharidosis type IIIC. Gene HGSNAT	45 days
ICM100905	Mucopolysaccharidosis type IVB. Gene GLB1	45 days
ICM100906	Mucopolysaccharidosis type V. Gene IDUA	45 days
ICM100907	Mucopolysaccharidosis type VI. Gene ARSB	45 days
ICM100908	Mucopolysaccharidosis VII. Gene GUSB	45 days
ICM100909	Mucopolysaccharidosis. Genes IDS, GLB1 (See lysosomal storage diseases)	45 days
ICM101073	Mucopolysaccharidosis. NGS panel 10 genes: ARSB, GALNS, GLB1, GNS, GUSB, HGSNAT, IDS, IDUA, SGSH, NAGLU	45 days
ICM101418	Muenke syndrome. FGFR3 gene	45 days
ICM102834	Müller aplasia hyperandrogenism. Gene WNT4. Deletions-duplications (MLPA).	30 days
ICM100527	Multiminicore disease. Genes SEPN1, RYR1	45 days
ICM100329	Multiple carboxylase deficiency. Gene hlcs	45 days
ICM100914	Multiple endocrine Neoplasia type 1. MEN1 Gen	45 days
ICM102739	Multiple Endocrine Neoplasia type 1. MEN1 gene. Deletions-duplications (MLPA).	30 days
ICM100915	Multiple endocrine neoplasia type 2 Gene RET	45 days
ICM102781	Multiple endocrine neoplasia type 2A. RET gene. Deletions-duplications (MLPA).	30 days

ICM code	Pathology definition	TAT
ICM100916	Multiple endocrine neoplasia type 4. Gene CDKN1B	45 days
ICM100917	Multiple Endocrine Neoplasia. Genes MEN1, RET	45 days
ICM101074	Multiple endocrine neoplasia. NGS panel 3 genes: MEN1, RET, CDKN1B	45 days
ICM101023	Multiple epiphyseal dysplasia. NGS panel 6 genes: COL9A1, COL9A2, COL9A3, COMP, MATN3, SLC26A2	45 days
ICM101138	Multiple epiphyseal dysplasia. NGS panel 6 genes: COL9A1, COL9A2, COL9A3, COMP, MATN3, SLC26A2	45 days
ICM101922	Multiple exostosis. EXT1 gene. Complete sequencing Sanger.	45 days
ICM101923	Multiple exostosis. EXT2 gene. Complete sequencing Sanger.	45 days
ICM102845	Multiple exostosis. Genes EXT1, EXT2. Deletions-duplications (MLPA).	30 days
ICM101812	Multiple pterygium syndrome. Gene CHRNG. Complete sequencing Sanger.	45 days
ICM101440	Multiple pterygium syndrome. NGS panel. Genes: CHRNA1, CHRND, CHRNG, RAPSN	45 days
ICM100330	Multiple sulfatase deficiency. Gene SUMF1	45 days
ICM100130	Muscle atrophy in the column. SMN1 gene	45 days
ICM100679	Muscle hypertrophy associated with myostatin. Gene MSTN	45 days
ICM100478	Muscular dystrophy type B2-distroglicanopatía. Gene POMT2	45 days
ICM100479	Muscular dystrophy type B3-distroglicanopatía. Gene POMGNT1	45 days
ICM100477	Muscular dystrophy type-B1 distroglicanopatía. Gene POMT1	45 days
ICM100475	Muscular dystrophy type-distroglicanopatía A5. Gene FKRP	45 days
ICM100476	Muscular dystrophy type-distroglicanopatía A7. Gene ISPD	45 days
ICM100480	Muscular dystrophy type-distroglicanopatía B4. Gene FKTN	45 days
ICM100481	Muscular dystrophy type-distroglicanopatía B5. Gene FKRP	45 days
ICM100482	Muscular dystrophy type-distroglicanopatía B6. LARGE gene	45 days
ICM100019	MUT related methylmalonic acidemia. MUT gene	45 days
ICM101187	MUTYH associated polyposis. Gene MUTYH	45 days
ICM101645	MYD88 gene mutation L265P study. Waldenstrom macroglobulinemia	15 days
ICM102399	Myelodysplastic syndrome. SF3B1 gene. Sequencing exons 13-16.	45 days
ICM102086	Myeloproliferative disorders. JAK2 gene. Exon 12, 14 (including mut. V617F, K539L and V607N).	15 days
ICM102087	Myeloproliferative disorders. JAK2 gene. Exon 14 (including mut. V617F).	15 days
ICM102088	Myeloproliferative disorders. JAK2 gene. V617F mutation.	15 days
ICM101782	Myeloproliferative neoplasm. CALR gene sequencing exon 9. myeloproliferative neoplasm	15 days
ICM101850	Myeloproliferative neoplasm. CSF3R gene. Sequencing exons 14 and 17.	30 days
ICM102085	Myeloproliferative neoplasm. JAK2 gene sequencing exon 12. myeloproliferative neoplasm	15 days
ICM102164	Myeloproliferative neoplasm. MPL gene. Sequencing exon 10.	15 days
ICM100425	Myoclonic dystonia. Gene EQAS	45 days
ICM100426	Myoclonic dystonia. NGS panel. Genes EQAS, DRD2	45 days
ICM102217	Myoclonic epilepsy type 2 / Lafora progressive. Gene NHLRC1. Complete sequencing Sanger.	45 days
ICM101885	Myoclonic primary dystonia. DRD2 gene. Complete sequencing Sanger.	45 days
ICM102674	Myoclonic primary dystonia. DRD2 gene. Deletions-duplications (MLPA).	30 days
ICM102405	Myoclonic primary dystonia. Gene EQAS. Complete sequencing Sanger.	45 days
ICM102798	Myoclonic primary dystonia. Gene EQAS. Deletions-duplications (MLPA).	30 days
ICM100871	Myofibrillar myopathy related to CRYAB. Gene CRYAB	45 days
ICM100874	Myofibrillar myopathy related to DNAJB6	45 days
ICM100875	Myofibrillar myopathy related to FHL1	45 days
ICM100877	Myofibrillar myopathy type 1. Gene DES	45 days
ICM100880	Myofibrillar myopathy type 3. Gene MYOT	45 days

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ICM100881	Myofibrillar myopathy type 4 Gene LDB3	45 days
ICM100884	Myofibrillar myopathy type 5. Gene CNLF	45 days
ICM100885	Myofibrillar myopathy type 6. Gene BAG3	45 days
ICM101140	Myofibrillar myopathy. NGS panel 8 genes: BAG3, CRYAB, DES, DNAJB6, FHL1, CNLF, LDB3, MYOT	45 days
ICM102787	Myopathy central core. RYR1 gene. Deletions-duplications (MLPA).	30 days
ICM100870	Myopathy hereditary inclusion body type 2. Gene GNE	45 days
ICM102508	Myopathy nemaline type 4 Gene TPM2. Complete sequencing Sanger.	45 days
ICM100119	Myopathy sensory ataxia with epilepsy. Gene POLG	45 days
ICM100890	Myotonia aggravated by potassium. Gene SCN4A	45 days
ICM100892	Myotonia congenita. Gene CLCN1	45 days
ICM101826	Myotonic dystrophy type II. CNBP gene (ZNF9). CCTG expansion.	30 days
ICM102177	Myotubular myopathy. Gene MTM1. Complete sequencing Sanger.	45 days
ICM101506	Naevoid basal cell carcinoma syndrome. Gene PTCH1	45 days
ICM101470	Nail-patella syndrome. Gene LMX1B	45 days
ICM102136	Nail-patella syndrome. Gene LMX1B. Complete sequencing Sanger.	45 days
ICM100849	Nemaline myopathy type 1. Gene TPM3	45 days
ICM102509	Nemaline myopathy type 1. Gene TPM3. Complete sequencing Sanger.	45 days
ICM100850	Nemaline myopathy type 2. Gene NEB	45 days
ICM100851	Nemaline myopathy type 3. Gene ACTA1	45 days
ICM101684	Nemaline myopathy type 3. Gene ACTA1. Complete sequencing Sanger.	45 days
ICM100852	Nemaline myopathy type 4. Gene TPM2	45 days
ICM100853	Nemaline myopathy type 5. Gene TNNT1	45 days
ICM102500	Nemaline myopathy type 5. Gene TNNT1. Complete sequencing Sanger.	45 days
ICM100854	Nemaline myopathy type 6. Gene KBTBD13	45 days
ICM100855	Nemaline myopathy type 7. Gene CFL2	45 days
ICM101802	Nemaline myopathy type 7. Gene CFL2. Complete sequencing Sanger.	45 days
ICM102835	Nephroblastoma or Wilms tumor. WT1 gene. Deletions-duplications (MLPA).	30 days
ICM100347	Nephrogenic diabetes insipidus X-linked. Gene AVPR2	45 days
ICM100348	Nephrogenic diabetes insipidus. Genes AQP2, AVPR2	45 days
ICM100911	Nephrolithiasis / hypophosphatemic osteoporosis type 1. Gene SLC34A1	45 days
ICM101816	Nephrolithiasis: Dent disease type 1. Gene CLCN5. Complete sequencing Sanger.	45 days
ICM102750	Nephronoptisis juvenile type 1 Gene NPHP1. Deletions-duplications (MLPA).	30 days
ICM102230	Nephronoptisis type 4. Gene NPHP4. Complete sequencing Sanger.	45 days
ICM102079	Nephronoptisis. Gene INVS (NPHP2). Complete sequencing Sanger.	45 days
ICM101419	Netherton syndrome. Gene SPINK5	45 days
ICM102559	Neuroacanthocytosis. XK gene. Complete sequencing Sanger.	45 days
ICM100919	Neurodegeneration pantothenate kinase deficit. Gene PANK2	45 days
ICM102769	Neurodegeneration with brain iron accumulation 2A / 2B types. Gene PLA2G6. (MLPA).	30 days
ICM102257	Neurodegeneration with brain iron accumulation type 1. Gene PANK2. Complete sequencing Sanger.	45 days
ICM102284	Neurodegeneration with brain iron accumulation type 2A / 2B. Gene PLA2G6. Complete sequencing Sanger.	45 days
ICM101841	Neurodegeneration with brain iron accumulation: Aceruloplasminemia. CP gene. Complete sequencing Sanger.	45 days
ICM100920	Neuroferritinopatía. Gene FTL	45 days
ICM100922	Neurofibromatosis type 1. Gene NF1	45 days
ICM102745	Neurofibromatosis type 1. Gene NF1. Deletions-duplications (MLPA).	30 days

ICM code	Pathology definition	TAT
ICM100924	Neurofibromatosis type 2. NF2 gene	45 days
ICM102746	Neurofibromatosis type 2. NF2 gene. Deletions-duplications (MLPA).	30 days
ICM100925	Neurofibromatosis. NGS panel. Genes NF1, NF2	45 days
ICM100803	Neuronal Ceroid Lipofuscinosis-1. Gene PPT1	45 days
ICM100804	Neuronal Ceroid Lipofuscinosis-10. Gene CTSD	45 days
ICM100805	Neuronal Ceroid Lipofuscinosis-11. GRN gene	45 days
ICM100806	Neuronal Ceroid Lipofuscinosis-12. Gene ATP13A2	45 days
ICM100807	Neuronal ceroid lipofuscinosis-13. Gene CTSF	45 days
ICM100808	Neuronal ceroid lipofuscinosis-14. Gene KCTD7	45 days
ICM100809	Neuronal Ceroid Lipofuscinosis-2. Gene TPP1	45 days
ICM100810	Neuronal Ceroid Lipofuscinosis-3. Gene CLN3	45 days
ICM100811	Neuronal ceroid lipofuscinosis-4A. Gene CLN6	45 days
ICM100812	Neuronal ceroid lipofuscinosis-5. Gene CLN5	45 days
ICM100813	Neuronal Ceroid Lipofuscinosis-6. Gene CLN6	45 days
ICM100814	Neuronal Ceroid Lipofuscinosis-7. Gene MFSD8	45 days
ICM100815	Neuronal Ceroid Lipofuscinosis-8. Gene CLN8	45 days
ICM101421	Neuronopathy syndrome optical-deafness-dystonia. Gene TIMM8A	45 days
ICM102172	Neuropathy with ataxia and retinitis pigmentosa, NARP. Gene MTATP6. Complete sequencing Sanger.	45 days
ICM102171	Neuropathy with ataxia and retinitis pigmentosa, NARP. Gene MTATP6. Mutations T8993G; T8993C.	15 days
ICM102170	Neuropathy with ataxia and retinitis pigmentosa, NARP. Gene MTATP6. T8993G mutation.	15 days
ICM102683	Neutropenia neonatal alloimmune. Gene FCGR3B. Deletions-duplications (MLPA).	30 days
ICM102038	Neutropenia severe congenital type 3. Gene HAX1 AR. Complete sequencing Sanger.	45 days
ICM100939	Neutropenia. NGS panel. Genes ELANE, WAS	45 days
ICM100528	Niemann-Pick disease A. Gene SMPD1	45 days
ICM100529	Niemann-Pick disease B. Gene SMPD1	45 days
ICM100530	Niemann-Pick disease type C1. NPC1 gene	45 days
ICM100531	Niemann-Pick disease type C2. Gene NPC2	45 days
ICM100532	Niemann-Pick disease. NGS panel. Genes NPC1, NPC2, SMPD1	45 days
ICM102855	Niemann-Pick types A, B and C. Genes NPC1, NPC2, SMPD1. Deletions-duplications (MLPA).	30 days
ICM100995	Night blindness congenital and hereditary. NGS Panel 11 genes	45 days
ICM101422	Nijmegene syndrome. Gene NBN	45 days
ICM100718	NODAL related holoprosencephaly. NODAL gene	45 days
ICM101576	Non syndromic microphthalmia type 3. Eye disorders related to SOX2. SOX2 gene	45 days
ICM101037	Non-syndromic Hirschsprung disease. NGS panel 5 genes: GDNF, EDNRB, EDN3, ECE1, RET	45 days
ICM102293	Nonalcoholic fatty liver disease. Gene PNPLA3. Complete sequencing Sanger.	45 days
ICM102945	Noninvasive Prenatal Genetic Test. Trisomies chromosomes 13, 18, 21 and fetal sex	7 days
ICM102946	Noninvasive Prenatal Genetic Test. Trisomies chromosomes 13, 18, 21, Aneuploidies X, Y and fetal sex	7 days
ICM100842	Nonsyndromic microphthalmia type 2 Gene BCOR	45 days
ICM100845	Nonsyndromic microphthalmia type 5. Gene OTX2	45 days
ICM100846	Nonsyndromic microphthalmia type 6. Gene BMP4	45 days
ICM100847	Nonsyndromic microphthalmia type 7. Gene HCCS	45 days
ICM100848	Nonsyndromic microphthalmia type 9. Gene STRA6	45 days

ICM code	Pathology definition	TAT
ICM101424	Noonan syndrome type 1. Gene PTPN11	45 days
ICM101425	Noonan syndrome type 3. Gene KRAS	45 days
ICM101426	Noonan syndrome type 4 Gene SOS1	45 days
ICM101427	Noonan syndrome type 5. Gene RAF1	45 days
ICM101428	Noonan syndrome type 6. Gene NRAS	45 days
ICM101429	Noonan syndrome type 7. Gen BRAF	45 days
ICM101116	Noonan syndrome. NGS panel 7 genes: PTPN11, KRAS, SOS1, RAF1, NRAS, BRAF, MAP2K1	45 days
ICM100533	Norrie disease. NDP gene	45 days
ICM102196	Norrie's disease. NDP gene. Complete sequencing Sanger.	45 days
ICM101849	Nuclear cataract type 23. Gene CRYAB . Complete sequencing Sanger.	45 days
ICM101079	Nystagmus. NGS panel 2 genes: FRMD7, GPR143	45 days
ICM102303	Obesity. Gene PPARG. Complete sequencing Sanger.	45 days
ICM101507	Occipital horn syndrome. Gene ATP7A	45 days
ICM102708	Ocular albinism type 1. Gene GPR143. Deletions-duplications (MLPA).	30 days
ICM100054	Ocular albinism X-linked. Gene GPR143	45 days
ICM100053	Oculocutaneous albinism type 1 Gene TYR	45 days
ICM102829	Oculocutaneous albinism type 1. Gene TYR. Deletions-duplications (MLPA).	30 days
ICM100055	Oculocutaneous albinism type 2. Gene OCA2	45 days
ICM102754	Oculocutaneous albinism type 2. OCA2 gene. Deletions-duplications (MLPA).	30 days
ICM100056	Oculocutaneous albinism type 3. Gene TYRP1	45 days
ICM100057	Oculocutaneous albinism type 4. Gene SLC45A2	45 days
ICM100058	Oculocutaneous albinism type 6. Gene SLC24A5	45 days
ICM100975	Oculocutaneous albinism. NGS Panel 17 genes	45 days
ICM100414	Oculodentodigital dysplasia. Gene GJA1	45 days
ICM102253	Oculopharyngeal muscular dystrophy. Gene PABPN1. CGC expansion.	30 days
ICM101430	Omenn syndrome. NGS panel. Genes: RAG1, RAG2, DCLRE1C	45 days
ICM102740	Opitz G / BBB X-linked syndrome. Gene MID1. Deletions-duplications (MLPA).	30 days
ICM100985	Optic atrophy. NGS panel 3 genes: OPA1, OPA3, TMEM126A	45 days
ICM101532	Oral-facio-digital syndrome. Gene OFD1	45 days
ICM100310	Ornithine aminotransferase deficiency. Gene OAT	45 days
ICM102756	Ornithine carbamoyltransferase deficit. OTC gene. Deletions-duplications (MLPA).	30 days
ICM100312	Ornithine transcarbamylase deficiency. Gene OAT	45 days
ICM100311	Ornithine transcarbamylase deficiency. OTC gene	45 days
ICM102245	Orofaciodigital type 1 syndrome. Gene OFD1. Complete sequencing Sanger.	45 days
ICM102539	Orotic aciduria. UMPS gene. Complete sequencing Sanger.	45 days
ICM102514	Osteodysplasia lipomembranous Polycystic; leudoencephalopathy sclerosing: Nasu-Hakola disease. Gene TREM2	45 days
ICM102533	Osteodysplasia lipomembranous Polycystic; leudoencephalopathy sclerosing: Nasu-Hakola disease. TYROBP gene (DAP12)	45 days
ICM100944	Osteogenesis Imperfecta type I-IV. NGS panel. Genes COL1A1, COL1A2	45 days
ICM100945	Osteogenesis Imperfecta Type IX. Gene BIPPs	45 days
ICM100950	Osteogenesis Imperfecta type SERPINH1. Gene X.	45 days
ICM100946	Osteogenesis Imperfecta Type V. Gene IFITM5	45 days
ICM100947	Osteogenesis Imperfecta Type VI. Gene SERPINF1	45 days
ICM100948	Osteogenesis Imperfecta Type VII. Gene CRTAP	45 days
ICM100949	Osteogenesis Imperfecta Type VIII. Gene LEPRE1	45 days

ICM code	Pathology definition	TAT
ICM100951	Osteogenesis Imperfecta Type XI. FKBP10 gene	45 days
ICM100952	Osteogenesis Imperfecta type XII. Gene SP7	45 days
ICM100953	Osteogenesis Imperfecta Type XIII. Gene BMP1	45 days
ICM100954	Osteogenesis Imperfecta Type XIV. Gene TMEM38B	45 days
ICM100955	Osteogenesis Imperfecta Type XV. Gene WNT1	45 days
ICM100416	Osteoglofónica dysplasia. FGFR1 gene	45 days
ICM100412	Osteoimmune Schimke dysplasia. Gene SMARCAL1	45 days
ICM102140	Osteopetrosis AD, type 1. Gene LRP5. Complete sequencing Sanger.	45 days
ICM101779	Osteopetrosis AR type 3. Gene CA2. Complete sequencing Sanger.	45 days
ICM100967	Osteopetrosis Autosomal intermediate. Gene CLCN7	45 days
ICM100965	Osteopetrosis autosomal recessive 8. Gene SNX10	45 days
ICM102496	Osteopetrosis type 2. Gene AR TNFSF11. Complete sequencing Sanger.	45 days
ICM102250	Osteopetrosis, AR type 5. Gene OSTM1. Complete sequencing Sanger.	45 days
ICM102285	Osteopetrosis, AR, type 6. Gene PLEKHM1. Complete sequencing Sanger.	45 days
ICM101080	Osteopetrosis; Albers-Schonberg syndrome. NGS Panel 10 genes	45 days
ICM102478	Osteopetrosis. Gene TCIRG1. Complete sequencing Sanger.	45 days
ICM102690	Oto-palato-syndrome digital. FLNA gene. Deletions-duplications (MLPA).	30 days
ICM102259	Otofaciocervical syndrome. Gene PAX1. Complete sequencing Sanger.	45 days
ICM101578	Otopalatodigitales with FLNA disorders. Gene FLNA	45 days
ICM102117	Pachyonychia congenital type 3. Gene KRT6A. Complete sequencing Sanger.	45 days
ICM102118	Pachyonychia congenital. Gene KRT6B. Complete sequencing Sanger.	45 days
ICM102113	Pachyonychia congenital. KRT16 gene. Complete sequencing Sanger.	45 days
ICM102114	Pachyonychia congenital. KRT17 gene. Complete sequencing Sanger.	45 days
ICM101142	Pachyonychia congenital. NGS panel 4 genes: KRT6A, KRT16, KRT6B, KRT17	45 days
ICM102494	Paget, bone disease. Gene TNFRSF11A. Complete sequencing Sanger.	45 days
ICM100535	Paget's disease of bone. Gene TNFRSF11A	45 days
ICM101432	Pallister-Hall syndrome. Gene GLI3	45 days
ICM101844	Palmitoyl carnitine deficiency 2. Gene CPT2. Complete sequencing Sanger.	45 days
ICM101013	Palmitoyl-carnitine deficiency. NGS panel 2 genes: CPT1A, CPT2	45 days
ICM102119	Palmoplantar keratoderma epidermolytic. Gene KRT9. Complete sequencing Sanger.	45 days
ICM101798	Pancreatic cancer. CDKN2A (p16). Complete sequencing Sanger.	45 days
ICM100989	Pancreatic cancer. NGS Panel 2 genes: BRCA2, PALB2	45 days
ICM101628	Panel A detection and identification of STIs	7 days
ICM101629	Panel B detection and identification STI	7 days
ICM101615	Panel Diabetes Risk type II	20 days
ICM101619	Panel SNPs hypertension risk	20 days
ICM101620	Panel SNPs thrombosis risk. 15 SNPs	20 days
ICM102327	PAPA syndrome: pyogenic arthritis - pyoderma gangrenosum - acne. Gene PSTPIP1. Complete sequencing Sanger.	45 days
ICM102155	Papillary renal cell carcinoma familiar. MET gene. Complete sequencing Sanger.	45 days
ICM102260	Papilo-renal syndrome. PAX2 gene. Complete sequencing Sanger.	45 days
ICM102390	Paraganglioma family type 3 - pheochromocytoma. SDHC gene. Complete sequencing Sanger.	45 days
ICM101149	Paramyotonia congenital. Gene SCN4A	45 days
ICM100990	Parathyroid cancer. NGS panel 2 genes: CDC73, MEN1	45 days
ICM102342	Parkes Weber syndrome. Gene RASA1. Complete sequencing Sanger.	45 days
ICM102811	Parkinson disease 1/4 type. SNCA gene. Deletions-duplications (MLPA).	30 days

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ICM102258	Parkinson disease type 2. Gene PARK2. Complete sequencing Sanger.	45 days
ICM102279	Parkinson disease type 6. PINK1 gene. Complete sequencing Sanger.	45 days
ICM101876	Parkinson disease type 7. DJ1 gene. Complete sequencing Sanger.	45 days
ICM102734	Parkinson disease type 8. LRRK2 gene. Deletions-duplications (MLPA).	30 days
ICM102856	Parkinson disease. Genes PARK2, PARK7, ATP13A2, PINK1, SNCA, LRRK2, UCH-L1, GCH1. (MLPA).	30 days
ICM101036	Parkinson's disease. NGS Panel 34 genes	45 days
ICM102278	Paroxysmal nocturnal hemoglobinuria. Gene PIGA. Complete sequencing Sanger.	45 days
ICM102763	Partial pancreatic agenesis. PDX1 gene. Deletions-duplications (MLPA).	30 days
ICM101093	Pathologies spectrum branchio-oto-renal. NGS panel 3 genes: EYA1 SIX5, SIX1	45 days
ICM100536	Pelizaeus-Merzbacher disease - like type 1. Gene GJC2	45 days
ICM100538	Pelizaeus-Merzbacher disease. PLP1 gene	45 days
ICM101117	Pendred syndrome. NGS panel 3 genes: foxi1, KCNJ10, SLC26A4	45 days
ICM102792	Periodic paralysis hypercalcemic type 2. SCN4A gene. Deletions-duplications (MLPA).	30 days
ICM100938	Periventricular heterotopia X-linked. Gene WAS	45 days
ICM100670	Periventricular heterotopia X-linked. NGS Panel. Genes FLNA, ARFGEF2	45 days
ICM101552	Peroxisome biogenesis disorders 10A. Gene PEX3	45 days
ICM101553	Peroxisome biogenesis disorders 11A. Gene PEX13	45 days
ICM101554	Peroxisome biogenesis disorders 11B. Gene PEX13	45 days
ICM101555	Peroxisome biogenesis disorders 12A. Gene PEX19	45 days
ICM101556	Peroxisome biogenesis disorders 13. Gene PEX14	45 days
ICM101557	Peroxisome biogenesis disorders 1A. Gene PEX1	45 days
ICM101558	Peroxisome biogenesis disorders 1B. Gene PEX1	45 days
ICM101559	Peroxisome biogenesis disorders 2A. Gene PEX5	45 days
ICM101560	Peroxisome biogenesis disorders 2B. Gene PEX5	45 days
ICM101561	Peroxisome biogenesis disorders 3A. Gene PEX12	45 days
ICM101562	Peroxisome biogenesis disorders 3B. Gene PEX12	45 days
ICM101563	Peroxisome biogenesis disorders 4A. Gene PEX6	45 days
ICM101564	Peroxisome biogenesis disorders 4B. Gene PEX6	45 days
ICM101565	Peroxisome biogenesis disorders 5A. Gene PEX2	45 days
ICM101566	Peroxisome biogenesis disorders 5B. Gene PEX2	45 days
ICM101567	Peroxisome biogenesis disorders 6A. Gene PEX10	45 days
ICM101568	Peroxisome biogenesis disorders 6B. Gene PEX10	45 days
ICM101569	Peroxisome biogenesis disorders 7A. Gene PEX26	45 days
ICM101570	Peroxisome biogenesis disorders 7B. Gene PEX26	45 days
ICM101571	Peroxisome biogenesis disorders 8A. Gene PEX16	45 days
ICM101572	Peroxisome biogenesis disorders 8B. Gene PEX16	45 days
ICM101573	Peroxisome biogenesis disorders 9B. Gene PEX7	45 days
ICM101433	Perry syndrome. Gene DCTN1	45 days
ICM102857	Peters anomaly. Genes PITX2, FOXC. Deletions-duplications (MLPA).	30 days
ICM102280	Peters anomaly. PITX2 gene. Complete sequencing Sanger.	45 days
ICM101533	Peters Plus syndrome. Gene B3GALTL	45 days
ICM101755	Peters-Plus syndrome. Gene B3GALTL. Complete sequencing Sanger.	45 days
ICM101434	Peutz-Jeghers syndrome. STK11 gene	45 days
ICM102817	Peutz-Jeghers syndrome. STK11 gene. Deletions-duplications (MLPA).	30 days
ICM102685	Pfeiffer syndrome. FGFR1 gene. Deletions-duplications (MLPA).	30 days
ICM102686	Pfeiffer syndrome. FGFR2 gene. Deletions-duplications (MLPA).	30 days

ICM code	Pathology definition	TAT
ICM102004	Phalangeal epiphyseal dysplasia-shaped angel. GDF-5 gene. Complete sequencing Sanger.	45 days
ICM102964	Pharmacogenetics of Clopidogrel. CYP2C19 polymorphism study	20 days
ICM102963	Pharmacogenetics of dicumarinics. Study of CYP2C9 and VKORC1 polymorphisms	20 days
ICM102965	Pharmacogenetics of simvastatin. Study of polymorphism SLCO1B1	20 days
ICM102800	Phelan-McDermid syndrome. SHANK3 gene. Deletions-duplications (MLPA).	30 days
ICM100632	Phenylketonuria. PAH gene	45 days
ICM101043	Pheochromocytoma. NGS panel 9 genes: SDHAF2, SDHB, SDHC, SDHD, RET, VHL, MAX, NF1, TMEM127	45 days
ICM101537	Phosphoribosylpyrophosphate synthetase overactivity. Gene PRPS1	45 days
ICM101184	Picnodisostosis. Gene CTSK	45 days
ICM102108	Piebaldism. KIT gene. Complete sequencing Sanger.	45 days
ICM102122	Pierson syndrome. Gene LAMB2. Complete sequencing Sanger.	45 days
ICM102477	Pitt-Hopkins syndrome. TCF4 gene. Complete sequencing Sanger.	45 days
ICM102752	Pitt-Hopkins-like syndrome type 2. Gene NRXN1. Deletions-duplications (MLPA).	30 days
ICM100042	Pituitary adenomas isolated from family type. AIP gene	45 days
ICM100305	Pituitary hormone deficiency related with PROP1. Gene PROP1	45 days
ICM102286	PlasminoGene deficiency 1. Gene PLG. Complete sequencing Sanger.	45 days
ICM102903	Plasmodium DNA detection.	10 days
ICM100408	Platiespondilítica lethal skeletal dysplasia, Torrance type. COL2A1 gene	45 days
ICM102281	Polycistic kidney disease. PKD2 gene. Complete sequencing Sanger.	45 days
ICM102858	Polycistosis kidney disease. Genes PKD1, PKD2. Deletions-duplications (MLPA).	30 days
ICM102766	Polycystic kidney disease AD. PKD1 gene. Deletions-duplications (MLPA).	30 days
ICM102767	Polycystic kidney disease AD. PKD2 gene. Deletions-duplications (MLPA).	30 days
ICM101188	Polycystic kidney disease autosomal recessive. Gene PKHD1	45 days
ICM102768	Polycystic kidney disease RA. Gene PKHD1. Deletions-duplications (MLPA).	30 days
ICM102313	Polycystic liver disease. Gene PRKCSH. Complete sequencing Sanger.	45 days
ICM100943	Polycystic osteodysplasia lipomembranous with sclerosing leukoencephalopathy. NGS panel. Genes TREM2, TYROBP	45 days
ICM100565	Polyglucosans body disease adult. Gene GBE1	45 days
ICM101185	Polyneuropathy, deafness, ataxia, retinitis pigmentosa and cataract. Gene ABHD12	45 days
ICM101469	Polyposis syndrome and brain tumor. APC gene	45 days
ICM101094	Polyposis. NGS panel 11 genes: MLH1, MSH2, MSH6, EPCAM, APC, MUTYH, STK11, PTEN, SMAD4, BMPR1A, NF1	45 days
ICM100701	Pontocerebellar hypoplasia type 1A. Gene VRK1	45 days
ICM100703	Pontocerebellar hypoplasia type 2A. Gene TSEN54	45 days
ICM100704	Pontocerebellar hypoplasia type 2B. Gene TSEN2	45 days
ICM100707	Pontocerebellar hypoplasia type 2C. Gene TSEN34	45 days
ICM100708	Pontocerebellar hypoplasia type 4. Gene TSEN54	45 days
ICM100711	Pontocerebellar hypoplasia type 6. Gene RARS2	45 days
ICM101053	Pontocerebellar hypoplasia. NGS panel 5 genes: TSEN2, TSEN34, TSEN54, RARS2, VRK1	45 days
ICM101866	Poor drug metabolism related CYP2C19. CYP2C19 gene. Complete sequencing Sanger.	45 days
ICM102716	Popliteal pterygium syndrome. IRF6 gene. Deletions-duplications (MLPA).	30 days
ICM101189	Porencephaly family. COL4A1 gene	45 days
ICM101191	Porphyria cutanea tarda. Gene UROD	45 days
ICM101195	Porphyria variegata. Gene PPOX	45 days

ICM code	Pathology definition	TAT
ICM102846	Porphyria. Genes FECH, UROS, UROD, CPOX. Deletions-duplications (MLPA).	30 days
ICM101095	Porphyria. NGS panel 8 genes: FECH, ALAS2, CPOX, HMBS, AUROCHES, ALAD, PPOX, UROD	45 days
ICM102445	Prader Willi / Angelmann, syndrome. Gene SNRPB. Methylation.	25 days
ICM101767	Premature ovarian failure. BMP15 gene. Complete sequencing Sanger.	45 days
ICM102951	Premature ovarian failure. FMR1 gene. CGG expansion.	20 days
ICM101438	Prematurity syndrome and ichthyosis. SLC27A4 gene	45 days
ICM100338	Primary carnitine deficiency. SLC22A5 gene	45 days
ICM100349	Primary ciliary dyskinesia type 1. Gene DNAI1	45 days
ICM101881	Primary ciliary dyskinesia type 1. Gene DNAI1. Complete sequencing Sanger.	45 days
ICM100350	Primary ciliary dyskinesia type 10. Gene DNAAF2	45 days
ICM100351	Primary ciliary dyskinesia type 11. Gene RSPH4A	45 days
ICM100352	Primary ciliary dyskinesia type 12. Gene RSPH9	45 days
ICM100353	Primary ciliary dyskinesia type 13. Gene DNAAF1	45 days
ICM100354	Primary ciliary dyskinesia type 14. Gene CCDC39	45 days
ICM100355	Primary ciliary dyskinesia type 15. Gene CCDC40	45 days
ICM100356	Primary ciliary dyskinesia type 16. Gene DNAL1	45 days
ICM100357	Primary ciliary dyskinesia type 17. Gene CCDC103	45 days
ICM100358	Primary ciliary dyskinesia type 18. Gene HEATR2	45 days
ICM100359	Primary ciliary dyskinesia type 19. Gene LRRC6	45 days
ICM100360	Primary ciliary dyskinesia type 2 Gene DNAAF3	45 days
ICM100361	Primary ciliary dyskinesia type 20. Gene CCDC114	45 days
ICM100362	Primary ciliary dyskinesia type 22. Gene ZMYND10	45 days
ICM100363	Primary ciliary dyskinesia type 23. Gene ARMC4	45 days
ICM100364	Primary ciliary dyskinesia type 3. Gene DNAH5	45 days
ICM100365	Primary ciliary dyskinesia type 5. Gene HYDIN	45 days
ICM100366	Primary ciliary dyskinesia type 6. Gene NME8	45 days
ICM100367	Primary ciliary dyskinesia type 7. Gene DNAH11	45 days
ICM100368	Primary ciliary dyskinesia type 9. Gene DNAI2	45 days
ICM101882	Primary ciliary dyskinesia type 9. Gene DNAI2. Complete sequencing Sanger.	45 days
ICM100335	Primary deficit of coenzyme Q10 type 5. Gene COQ9	45 days
ICM100336	Primary deficit of coenzyme Q10 type 6. Gene CoQ6	45 days
ICM101014	Primary deficit of coenzyme Q10. NGS panel 7 genes: COQ2, PDSS1, PDSS2, ADCK3, COQ9, COQ6, APTX	45 days
ICM100427	Primary dystonia early onset. Gene TOR1A	45 days
ICM102619	Primary hyperoxaluria type 1: glyoxylate aminotransferase deficiency alanine. Gene AGXT. (MLPA).	30 days
ICM100673	Primary hyperoxaluria type I. Gene AGXT	45 days
ICM100674	Primary hyperoxaluria type II. Gene GRHPR	45 days
ICM101050	Primary hyperoxaluria. NGS panel 2 genes: AGXT, GRHPR	45 days
ICM102631	Primary microcephaly AR. ASPM gene. Deletions-duplications (MLPA).	30 days
ICM100820	Primary microcephaly autosomal recessive type 1. Gene MCPH1	45 days
ICM100821	Primary microcephaly autosomal recessive type 2 Gene WDR62	45 days
ICM100825	Primary microcephaly autosomal recessive type 6. Gene CENPJ	45 days
ICM100827	Primary microcephaly autosomal recessive type 8. Gene CEP135	45 days
ICM101771	Primary pulmonary hypertension. Gene BMPR2. Complete sequencing Sanger.	45 days
ICM102503	Primary torsion dystonia. TOR1A gene (DYT1). C.907_909delGAG deletion.	20 days

ICM code	Pathology definition	TAT
ICM102504	Primary torsion dystonia. TOR1A gene (DYT1). Complete sequencing Sanger.	45 days
ICM102774	Progressive external ophthalmoplegia. Gene POLG. Deletions-duplications (MLPA).	30 days
ICM100192	Progressive familial intrahepatic cholestasis 1. Gene ATP8B1	45 days
ICM100193	Progressive familiar intrahepatic cholestasis type 3. Gene ABCB4	45 days
ICM100996	Progressive intrahepatic cholestasis familiar. NGS panel 3 genes: ATP8B1, ABCB11, ABCB4	45 days
ICM100591	Progressive myoclonic epilepsy type 1A. CSTB gene	45 days
ICM100596	Progressive myoclonic epilepsy type 5. Gene PRICKLE2	45 days
ICM100587	Progressive myoclonus epilepsy 1A. CSTB gene	45 days
ICM101914	Progressive myoclonus epilepsy type 2. Gene EPM2A. Complete sequencing Sanger.	45 days
ICM102679	Progressive myoclonus epilepsy type 2. Gene EPM2A. Deletions-duplications (MLPA).	30 days
ICM100592	Progressive myoclonus epilepsy type 3. Gene KCTD7	45 days
ICM100595	Progressive myoclonus epilepsy type 4. Gene SCARB2	45 days
ICM100599	Progressive myoclonus epilepsy type 6. Gene GOSR2	45 days
ICM100590	Progressive myoclonus epilepsy with ataxia related to PRICKLE1. Gene PRICKLE1	45 days
ICM101040	Progressive myoclonus epilepsy. NGS Panel 8 genes	45 days
ICM101100	Proliferative autoimmune syndrome. NGS panel 3 genes: FAS, FASLG, CASP10	45 days
ICM100022	Propionic acidemia. NGS panel. Genes PCCA, PCCB	45 days
ICM102263	Propionic acidemia. PCCA gene. Complete sequencing Sanger.	45 days
ICM102762	Propionic acidemia. PCCA gene. Deletions-duplications (MLPA).	30 days
ICM102264	Propionic acidemia. PCCB gene. Complete sequencing Sanger.	45 days
ICM100991	Prostate cancer. NGS panel 3 genes: BRCA1, BRCA2, CHEK2	45 days
ICM101196	Protection Hirschsprung's disease. RET gene	45 days
ICM102319	Protein S deficiency. PROS1 gen. Complete sequencing Sanger.	45 days
ICM102776	Protein S deficiency. PROS1 Gen. Deletions-duplications (MLPA).	30 days
ICM101439	Proteus syndrome. AKT1 gene	45 days
ICM100320	Prothrombin deficiency. Gene F2	45 days
ICM101197	Protoporphyria erythropoietic autosomal recessive. Gene FECH	45 days
ICM102436	Proximal renal tubular acidosis, AR. SLC4A4 gene. Complete sequencing Sanger.	45 days
ICM102224	Proximal symphalangism. NOG gene. Complete sequencing Sanger.	45 days
ICM100969	PRSS1 related hereditary pancreatitis. Gene PRSS1	45 days
ICM101838	Pseudoachondroplasia. COMP gene. Complete sequencing Sanger.	45 days
ICM101200	Pseudoachondroplasia. Gene COMP	45 days
ICM102137	Pseudoexfoliation glaucoma. Gene LOXL1. Complete sequencing Sanger.	45 days
ICM101207	Pseudohipoaldosteronismoautosómico dominant type I. Gene NR3C2	45 days
ICM102237	Pseudohyperaldosteronism. Gene NR3C2. Complete sequencing Sanger.	45 days
ICM101202	Pseudohypoaldosteronism autosomal recessive type 1. NGS panel 3 genes: SCNN1A, SCNN1B, SCNN1G	45 days
ICM101203	Pseudohypoaldosteronism type IIB. Gene WNK4	45 days
ICM101204	Pseudohypoaldosteronism type IIC. Gene WNK1	45 days
ICM101205	Pseudohypoaldosteronism type IID. Gene KLHL3	45 days
ICM101206	Pseudohypoaldosteronism type IIE. Gene Cul3	45 days
ICM101096	Pseudohypoaldosteronism. NGS panel 8 genes: NR3C2, SCNN1A, SCNN1B, SCNN1G, WNK4 WNK1, KLHL3, Cul3	45 days
ICM102819	Pseudohypoparathyroidism type IB. Gene STX16. Deletions-duplications (MLPA).	30 days

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ICM102706	Pseudohypoparathyroidism type IB. GNAS gene. Deletions-duplications (MLPA).	30 days
ICM101677	Pseudoxantoma elastic. Gene ABCC6. Complete sequencing Sanger.	45 days
ICM102616	Pseudoxantoma elastic. Gene ABCC6. Deletions-duplications (MLPA).	30 days
ICM100603	Pyridoxal 5'-phosphate epilepsy-dependent. Gene PNPO	45 days
ICM100604	Pyridoxine-dependent epilepsy. Gene ALDH7A1	45 days
ICM101701	Pyridoxine-dependent epilepsy. Gene ALDH7A1. Complete sequencing Sanger.	45 days
ICM100314	Pyruvate carboxylase deficiency. Gene PC	45 days
ICM100316	Pyruvate decarboxylase deficiency. Gene PDHA1	45 days
ICM100317	Pyruvate dehydrogenase phosphatase deficiency. Gene PDP1	45 days
ICM102282	Pyruvate kinase deficiency. Gene PKLR. Complete sequencing Sanger.	45 days
ICM102941	Quantitative HIV1	10 days
ICM102506	Rapp-Hodgkin syndrome - ankyloblepharon - ectodermal dysplasia - cleft lip and palate. TP63 gene (TP73L)	45 days
ICM102967	Rasopathy. NGS panel: 9 genes	45 days
ICM102968	Raw data NGS panel	20 days
ICM102727	Recessive hereditary spastic paraplegia X-linked type 1. Gene L1CAM. Deletions-duplications (MLPA).	30 days
ICM102771	Recessive hereditary spastic paraplegia X-linked type 2. Gene PLP1. (MLPA).	30 days
ICM100404	Recessive multiple epiphyseal dysplasia. SLC26A2 gene	45 days
ICM100115	Recessive Spastic Ataxia of Charlevoix-autosomal Saguenay. SACS gene	45 days
ICM101164	Recessive spastic paraplegia type 15. Gene ZFYVE26	45 days
ICM101165	Recessive spastic paraplegia type 18. Gene ERLIN2	45 days
ICM101168	Recessive spastic paraplegia type 28. Gene DDHD1	45 days
ICM101170	Recessive spastic paraplegia type 35. Gene FA2H	45 days
ICM101171	Recessive spastic paraplegia type 39. Gene PNPLA6	45 days
ICM101172	Recessive spastic paraplegia type 44. Gene GJC2	45 days
ICM101174	Recessive spastic paraplegia type 47. Gene AP4B1	45 days
ICM101175	Recessive spastic paraplegia type 48. Gene AP5Z1	45 days
ICM101176	Recessive spastic paraplegia type 49. Gene TECPR2	45 days
ICM101177	Recessive spastic paraplegia type 50 Gene AP4M1	45 days
ICM101178	Recessive spastic paraplegia type 51. Gene AP4E1	45 days
ICM101179	Recessive spastic paraplegia type 52. Gene AP4S1	45 days
ICM101180	Recessive spastic paraplegia type 53. Gene VPS37A	45 days
ICM101182	Recessive spastic paraplegia type 55. Gene C12orf65	45 days
ICM101183	Recessive spastic paraplegia type 56. Gene CYP2U1	45 days
ICM102272	Refsum disease. Gene PEX7. Complete sequencing Sanger.	45 days
ICM100540	Refsum disease. Genes PEX7, PHYH	45 days
ICM102541	Renal agenesis. Gene UPK3A. Complete sequencing Sanger.	45 days
ICM101713	Renal amyloidosis because apolipoprotein. Gene APOA2. Complete sequencing Sanger.	30 days
ICM100994	Renal carcinoma. NGS panel 4 genes: VHL, MET, FH, FLCN	45 days
ICM101297	Renal coloboma syndrome. PAX2 gene	45 days
ICM101819	Renal hypomagnesemia - hypercalciuria - nephrocalcinosis. Gene CLDN16. Complete sequencing Sanger.	45 days
ICM102518	Renal hypomagnesemia type 1. Gene TRPM6. Complete sequencing Sanger.	45 days
ICM101983	Renal hypomagnesemia type 2 FXYD2 Gen. Complete sequencing Sanger.	45 days
ICM101820	Renal hypomagnesemia type 5. Gene CLDN19. Complete sequencing Sanger.	45 days

ICM code	Pathology definition	TAT
ICM102775	Renpenning syndrome. Gene PQBP1. Deletions-duplications (MLPA).	30 days
ICM102489	Resistance to thyroid hormone. Gene THRB. Complete sequencing Sanger.	45 days
ICM101071	Restrictive / RCM cardiomyopathy. NGS panel 3 genes: MYH7, TNN2 TNNI3	45 days
ICM100374	Reticular dysgenesis. AK2 gene	45 days
ICM100339	Retinal degeneration. Genes NRL, C1QTNF5	45 days
ICM100483	Retinal dystrophy. NGS panel. Genes, OTX2, ABCA4, LRAT, EFEMP1, INPP5E, RLBP1	45 days
ICM102320	Retinitis pigmentosa type 11, AD. Gene PRPF31. Complete sequencing Sanger.	45 days
ICM101845	Retinitis pigmentosa type 12, AR. Gene CRB1. Complete sequencing Sanger.	45 days
ICM102360	Retinitis pigmentosa type 2, X-linked. Gene RP2. Complete sequencing Sanger.	45 days
ICM102680	Retinitis pigmentosa type 25, AR. EYS gene. Deletions-duplications (MLPA).	30 days
ICM102236	Retinitis pigmentosa type 37. Gene NR2E3. Complete sequencing Sanger.	45 days
ICM102353	Retinitis pigmentosa type 4 AD / AR. RHO gene. Complete sequencing Sanger.	45 days
ICM102782	Retinitis pigmentosa type 4 AD / AR. RHO gene. Deletions-duplications (MLPA).	30 days
ICM102267	Retinitis pigmentosa type 43. Gene PDE6A. Complete sequencing Sanger.	45 days
ICM102526	Retinitis Pigmentosa type 51. Gene TTC8 (BBS8). Complete sequencing Sanger.	45 days
ICM101724	Retinitis pigmentosa type 55. Gene ARL6 (BBS3). Complete sequencing Sanger.	45 days
ICM101825	Retinitis pigmentosa type 61. Gene CLRN1. Complete sequencing Sanger.	45 days
ICM102838	Retinitis pigmentosa. BEST1 genes, PRPH2. Deletions-duplications (MLPA).	30 days
ICM101801	Retinitis pigmentosa. Gene CERKL. Complete sequencing Sanger.	45 days
ICM101098	Retinitis pigmentosa. NGS Panel 57 genes	45 days
ICM102346	Retinitis punctata albescens. Gene RDH5. Complete sequencing Sanger.	45 days
ICM101218	Retinitis punctata albescens. NGS panel. Genes: PRPH2, RHO	45 days
ICM101219	Retinoblastoma. RB1 gene	45 days
ICM101220	Retinopathy of prematurity. Gene FZD4	45 days
ICM101221	Retinoschisis, X-linked. Gene RS1	45 days
ICM101444	Rett syndrome (skeletal, muscular and nervous). MECP2 gene	45 days
ICM101795	Rett syndrome. Gene CDKL5. Complete sequencing Sanger.	45 days
ICM102643	Rett syndrome. Gene CDKL5. Deletions-duplications (MLPA).	30 days
ICM101974	Rett syndrome. Gene FOXG1. Complete sequencing Sanger.	45 days
ICM102692	Rett syndrome. Gene FOXG1. Deletions-duplications (MLPA).	30 days
ICM102150	Rett syndrome. MECP2 gene. Complete sequencing Sanger.	45 days
ICM102735	Rett syndrome. MECP2 gene. Deletions-duplications (MLPA).	30 days
ICM102808	Rhabdoid tumor syndrome. Gene SMARCB1. Deletions-duplications (MLPA).	30 days
ICM100203	Rhizomelic chondrodysplasia punctata type 1. Gene PEX7	45 days
ICM100204	Rhizomelic chondrodysplasia punctata type 2 Gene GNPAT	45 days
ICM101887	Right arrhythmogenic ventricular dysplasia type 10. Gene DSG2. Complete sequencing Sanger.	45 days
ICM101888	Right arrhythmogenic ventricular dysplasia type 8. Gene DSP. Complete sequencing Sanger.	45 days
ICM101886	Rigth arrhythmogenic ventricular dysplasia type 11. Gene DSC2. Complete sequencing Sanger.	45 days
ICM102923	RNA detection HBG (hepatitis G).	10 days
ICM102924	RNA detection HBV (hepatitis B).	10 days

ICM code	Pathology definition	TAT
ICM102925	RNA detection HDV (hepatitis D)	10 days
ICM102920	RNA detection of Coxsackievirus AYB	10 days
ICM102926	RNA detection of Influenza A (A / H1N1).	10 days
ICM102927	RNA detection of Influenza A (H1N1 and H3N2) / B.	10 days
ICM102928	RNA detection of Influenza A / H1N1.	10 days
ICM102929	RNA detection of Influenza A / H3N2.	10 days
ICM102930	RNA detection of Influenza B.	10 days
ICM102931	RNA detection of Parainfluenza 1, 2 and 3.	10 days
ICM102935	RNA detection of Respiratory Syncytial Virus (RSV A and B).	10 days
ICM101445	Roberts syndrome. Gene ESCO2	45 days
ICM101446	Robinow autosomal dominant syndrome. Gene WNT5A	45 days
ICM102783	Robinow syndrome. Gene ROR2. Deletions-duplications (MLPA).	30 days
ICM102555	Robinow syndrome. Gene WNT5A. Complete sequencing Sanger.	45 days
ICM102459	Rolandic epilepsy with speech dyspraxia. Gene SRPX2. Complete sequencing Sanger.	45 days
ICM101448	Rothmund-Thomson syndrome. Gene RECQL4	45 days
ICM102934	Rubella RNA detection.	10 days
ICM101449	Rubinstein-Taybi syndrome 1 and 2. NGS panel. Genes CREBBP, EP300	45 days
ICM102678	Rubinstein-Taybi syndrome. EP300 gene. Deletions-duplications (MLPA).	30 days
ICM101846	Rubinstein-Taybi syndrome. Gene CREBBP. Complete sequencing Sanger.	45 days
ICM102687	Saethre-Chotzen syndrome. FGFR2 gene. Deletions-duplications (MLPA).	30 days
ICM101450	Saethre-Chotzen. Gene TWIST1	45 days
ICM100865	Salih myopathy. TTN gene	45 days
ICM100541	Sandhoff disease. Gene HEXB	45 days
ICM102223	Sarcoidosis early onset. Gene NOD2 (CARD15). Complete sequencing Sanger.	45 days
ICM102442	Schimke immuno bone dysplasia. Gene SMARCAL1. Complete sequencing Sanger.	45 days
ICM101911	Schizencephaly. Gene EMX2. Complete sequencing Sanger.	45 days
ICM100385	Schneckenbecken dysplasia. Gene SLC35D1	45 days
ICM102807	Schwannomatosis. Gene SMARCB1. Deletions-duplications (MLPA).	30 days
ICM100415	Sclerosing bone dysplasia related SOST. SOST gene	45 days
ICM102080	Senior-Loken syndrome type 5. IQCB1 gene (NPHP5). Complete sequencing Sanger.	45 days
ICM101118	Senior-Loken syndrome. NGS panel 5 genes: NPHP1, NPHP4, IQCB1, CEP290, SDCCAG8	45 days
ICM102294	Sensory ataxic neuropathy - dysarthria - ophthalmoplegia. Gene Polg. Complete sequencing Sanger.	45 days
ICM100936	Sensory neuropathy with deafness related dementia and DNMT1. DNMT1 gene	45 days
ICM100417	Septo-optic. Gene HESX1	45 days
ICM102043	Septo-optic. Gene HESX1. Complete sequencing Sanger.	45 days
ICM100749	Severe combined immunodeficiency associated with DCLRE1C. Gene DCLRE1C	45 days
ICM100752	Severe combined immunodeficiency associated with IL7R. Gene IL7R	45 days
ICM100753	Severe combined immunodeficiency associated with JAK3. JAK3 gene	45 days
ICM100756	Severe combined immunodeficiency associated with PTPRC. Gene PTPRC	45 days
ICM100757	Severe combined immunodeficiency associated with RAG1. Gene RAG1	45 days
ICM100760	Severe combined immunodeficiency associated with RAG2. Gene RAG2	45 days
ICM100748	Severe combined immunodeficiency associated with ZAP70. Gene ZAP70	45 days
ICM100761	Severe combined immunodeficiency associated with ZAP70. Gene ZAP70	45 days
ICM101058	Severe combined immunodeficiency. NGS panel 9 genes	45 days

ICM code	Pathology definition	TAT
ICM102790	Severe myoclonic epilepsy in infancy: Dravet syndrome. Gene SCN1A. (MLPA).	30 days
ICM100497	Severe neonatal encephalopathy related MECP2. MECP2 gene	45 days
ICM102720	Short QT syndrome. Gene KCNH2. Deletions-duplications (MLPA).	30 days
ICM102098	Short QT syndrome. Gene KCNJ2. Complete sequencing Sanger.	45 days
ICM102723	Short QT syndrome. Gene KCNJ2. Deletions-duplications (MLPA).	30 days
ICM101127	Short QT syndrome. NGS panel 5 genes: KCNH2, KCNJ2, CACNA1C, CACNB2, KCNQ1	45 days
ICM102801	Short stature. SHOX gene. Deletions-duplications (MLPA).	30 days
ICM101452	Shwachman-Diamond syndrome. SBDS gene	45 days
ICM101224	Sialidoses. Gene Neu1	45 days
ICM100889	Sialuria. GNE gene	45 days
ICM101124	Sick sinus syndrome. NGS panel 2 genes: SCN5A, HCN4	45 days
ICM101699	Sideroblastic anemia. Gene ALAS2. Complete sequencing Sanger.	45 days
ICM101453	Simpson-Golabi-Behmel syndrome. GPC3 gene	45 days
ICM102707	Simpson-Golabi-Behmel syndrome. GPC3 gene. Deletions-duplications (MLPA).	30 days
ICM101099	Síndrome long QT. NGS Panel 12 genes	45 days
ICM102953	Single family mutation study	15 days
ICM101534	Sitosterolaemia. NGS panel. Genes: ABCG5, ABCG8	45 days
ICM101454	Sjögren-Larsson syndrome. Gene ALDH3A2	45 days
ICM100409	Skeletal dysplasia related. Gene CHST3	45 days
ICM101024	Skeletal dysplasia. NGS Panel 44 genes	45 days
ICM100662	SLC40A1-related hereditary hemochromatosis. SLC40A1 gene	45 days
ICM102669	Smith-Lemli-Opitz syndrome - reductase deficiency 7-dehydrocholesterol. Gene DHCR7. (MLPA).	30 days
ICM101875	Smith-Lemli-Opitz syndrome - reductase deficiency 7-dehydrocholesterol. Gene DHCR7. Complete sequencing Sanger.	45 days
ICM102780	Smith-Magenis syndrome. Gene RAI1. Deletions-duplications (MLPA).	30 days
ICM101648	Somatic hypermutation of immunoglobulins.	20 days
ICM102490	Sorsby dystrophy Fundus. TIMP3 gene. Complete sequencing Sanger.	45 days
ICM101536	Sorsby fundus dystrophy, pseudoinflammatory. Gene TIMP3	45 days
ICM101455	Sotos syndrome. NSD1 gene	45 days
ICM102753	Sotos syndrome. NSD1 gene. Deletions-duplications (MLPA).	30 days
ICM100116	Spastic Ataxia 1. Gene VAMP1	45 days
ICM101152	Spastic paraplegia autosomal dominant type 12. Gene RTN2	45 days
ICM101155	Spastic paraplegia autosomal dominant type 31. Gene REEP1	45 days
ICM101160	Spastic paraplegia autosomal dominant type 6. Gene NIPA1	45 days
ICM101162	Spastic paraplegia autosomal recessive 7. Gene SPG7	45 days
ICM102863	Spastic paraplegia hereditary. Genes SPAST, ATL1. Deletions-duplications (MLPA).	30 days
ICM101090	Spastic paraplegia hereditary. NGS Panel 37 genes	45 days
ICM101166	Spastic paraplegia recessive type 20. Gene SPG20	45 days
ICM101167	Spastic paraplegia recessive type 21. Gene SPG21	45 days
ICM101169	Spastic paraplegia recessive type 30. Gene KIF1A	45 days
ICM101173	Spastic paraplegia recessive type 46. Gene GBA2	45 days
ICM101181	Spastic paraplegia recessive type 54. Gene DDHD2	45 days
ICM101870	Spastic paraplegia type AR hereditary 5A. CYP7B1 gene. Complete sequencing Sanger.	45 days
ICM101163	Spastic paraplegia with thinning callosum hereditary. Gene SPG11	45 days
ICM102238	Spermatic fault type 8. Gene NR5A1 (SF1). Complete sequencing Sanger.	45 days

ICM code	Pathology definition	TAT
ICM100133	Spinal muscular atrophy distal autosomal recessive type 1. Gene IGHMBP2	45 days
ICM100131	Spinal Muscular Atrophy lower extremity predominance autosomal dominant with. Gene Dync1h1	45 days
ICM100136	Spinal muscular atrophy type 3 X-linked. Gene ATP7A	45 days
ICM102712	Spinal muscular atrophy with respiratory failure. Gene IGHMBP2. Deletions-duplications (MLPA).	30 days
ICM102634	Spinal muscular atrophy X-linked. Gene ATPA7A. Deletions-duplications (MLPA).	30 days
ICM100984	Spinal muscular atrophy. NGS panel 7 genes: PLEKHG5, ATP7A, IGHMBP2, UBA1, DYNC1H1, TRPV4, SMN1	45 days
ICM102809	Spinal muscular atrophy. SMN1 gene. Deletions-duplications (MLPA).	30 days
ICM102392	Spinal muscular dystrophy type 1. Gene SEPN1. Complete sequencing Sanger.	45 days
ICM100970	SPINK1 related hereditary pancreatitis. Gene SPINK1	45 days
ICM101777	Spinocerebellar ataxia onset in childhood. C10orf2 gene (TWINKLE). Complete sequencing Sanger.	45 days
ICM101746	Spinocerebellar ataxia type 1. Gene ATXN1. CAG expansion.	30 days
ICM101747	Spinocerebellar ataxia type 10, AR. Gene ATXN10. ATTCT expansion.	30 days
ICM102525	Spinocerebellar ataxia type 11. Gene TTBK2. Complete sequencing Sanger.	45 days
ICM102306	Spinocerebellar ataxia type 12. Gene PPP2R2B. CAG expansion.	30 days
ICM102092	Spinocerebellar ataxia type 13. Gene KCNC3. Complete sequencing Sanger.	45 days
ICM102312	Spinocerebellar ataxia type 14. Gene PRKCG. Complete sequencing Sanger.	45 days
ICM102474	Spinocerebellar ataxia type 17. Gene TBP. Expansion CAA / CAG.	30 days
ICM101748	Spinocerebellar ataxia type 2. Gene ATXN2. CAG expansion (TP-PCR).	30 days
ICM101749	Spinocerebellar ataxia type 2. Gene ATXN2. CAG expansion.	30 days
ICM101949	Spinocerebellar ataxia type 27, AR. FGF14 gene. Complete sequencing Sanger.	45 days
ICM101750	Spinocerebellar ataxia type 3, Machado-Josheph. Gene ATXN3. CAG expansion.	30 days
ICM102962	Spinocerebellar ataxia type 3, Machado-Josheph. Gene ATXN3. CAG expansion.	30 days
ICM102457	Spinocerebellar ataxia type 5. Gene SPTBN2. Complete sequencing Sanger.	45 days
ICM101751	Spinocerebellar ataxia type 7. Gene ATXN7. CAG expansion (TP-PCR).	30 days
ICM101752	Spinocerebellar ataxia type 7. Gene ATXN7. CAG expansion.	30 days
ICM101753	Spinocerebellar ataxia type 8. Gene ATXN8OS. Expansion CTA / CTG.	30 days
ICM100117	Spinocerebellar ataxia with axonal neuropathy autosomal recessive. Gene TDP1	45 days
ICM101021	Spondylocostal dysostosis autosomal recessive. NGS panel 4 genes: DLL3, MESP2, LFNG, HES7	45 days
ICM100376	Spondylocostal dysostosis type 1. Gene DLL3	45 days
ICM100377	Spondylocostal dysostosis type 2. Gene MESP2	45 days
ICM102154	Spondylocostal dysostosis, AR, type 2. Gene MESP2. Complete sequencing Sanger.	45 days
ICM102355	Spondyloepimetaphyseal dysplasia anauxetic type. Gene RMRP. Sequencing regulatory area.	45 days
ICM100406	Spondyloepiphyseal late onset dysplasia X-linked. GeneTRAPPC2	45 days
ICM100630	Spondylolisthesis Ehlers-Danlos type. Gene SLC39A13	45 days
ICM101675	Stargardt disease type 1 Gene ABCA4 (RP19). Complete sequencing Sanger.	45 days
ICM102614	Stargardt disease type 1. Gene ABCA4. Deletions-duplications (MLPA).	30 days
ICM101909	Stargardt disease type 3. Gene ELOVL4. Complete sequencing Sanger.	45 days
ICM102317	Stargardt disease type 4 . Gene PROM1. Complete sequencing Sanger.	45 days

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ICM100542	Stargardt disease. NGS panel. Genes ABCA4, PROM1, ELOVL4	45 days
ICM101880	Steinert syndrome or myotonic dystrophy type I. Gene DMPK. CTG expansion.	30 days
ICM102651	Stickler AD syndrome type 2. Gene COL11A1. Deletions-duplications (MLPA).	30 days
ICM101456	Stickler syndrome type 1. Gene COL2A1	45 days
ICM101457	Stickler syndrome type 2. Gene COL11A1	45 days
ICM101458	Stickler syndrome type 3. Gene COL11A2	45 days
ICM101459	Stickler syndrome type 4. Gene COL9A1	45 days
ICM101460	Stickler syndrome type 5. COL9A2 gene	45 days
ICM102658	Stickler syndrome, AD, type 1. COL2A1 gene. Deletions-duplications (MLPA).	30 days
ICM101119	Stickler syndrome. NGS panel 5 genes: COL2A1, COL11A1, COL9A1, COL9A2, COL11A2	45 days
ICM101793	Stomach cancer. CDH1 gene. Complete sequencing Sanger.	45 days
ICM102642	Stomach cancer. CDH1 gene. Deletions-duplications (MLPA).	30 days
ICM101575	Storage disorders sialic acid. Salla disease. SLC17A5 gene	45 days
ICM101209	Striate palmoplantar keratosis. NGS panel. Genes: DSG1, DSP, KRT1	45 days
ICM102387	Succinate deficit CoQ reductase. Gene SDHA. Complete sequencing Sanger.	45 days
ICM102795	Succinate deficit CoQ reductase. Gene SDHA. Deletions-duplications (MLPA).	30 days
ICM100321	Succíninil deficit semialdehyde dehydrogenase. Gene ALDH5A1	45 days
ICM102758	Susceptibility to pancreatic cancer. PALB2 gene. Deletions-duplications (MLPA).	30 days
ICM100128	Sveinsson chorioretinal atrophy. Gene TEAD1	45 days
ICM101940	Syndactyly type 2. FBLN1 Gen. Complete sequencing Sanger.	45 days
ICM101245	Syndrome Allan-Herndon-Dudley. SLC16A2 gene	45 days
ICM101441	Syndrome and thrombocytopenia absent radius. Gene RBM8A	45 days
ICM101235	Syndrome branchio-oto-renal type 1. Gene EYA1	45 days
ICM101236	Syndrome branchio-oto-renal type 2 Gene SIX5	45 days
ICM101237	Syndrome branchio-oto-renal type 3. Gene SIX1	45 days
ICM101410	Syndrome capillary-arteriovenous malformation. Gene RASA1	45 days
ICM101319	Syndrome mtDNA depletion associated SUCLA2; Methylmalonic aciduria and mild Encephalomyopathy	45 days
ICM102741	Syndrome mtDNA depletion type 6. Gene Mpv17. Deletions-duplications (MLPA).	30 days
ICM101394	Syndrome nail-patella. Gene LMX1B	45 days
ICM101360	Syndrome neonatal sclerosing cholangitis-ichthyosis. Gene CLDN1	45 days
ICM101114	Syndrome of multiple lentigo; Leopard syndrome. NGS panel 3 genes: PTPN11, RAF1, BRAF	45 days
ICM101443	Syndrome rickets and alopecia. VDR gene	45 days
ICM101512	Syndrome X-linked immuno regulation-polyendocrinopathy-enteropathy (IPEX syndrome). FOXP3 gene	45 days
ICM100843	Syndromic microphthalmia type 3. Gene SOX2	45 days
ICM102812	Syndromic microphthalmia type 3. Gene SOX2. Deletions-duplications (MLPA).	30 days
ICM100543	Tay-Sachs disease. HEXA gene	45 days
ICM102045	Tay-Sachs disease. HEXA gene. Complete sequencing Sanger.	45 days
ICM102044	Tay-Sachs disease. HEXA gene. Mutations 1277insTATC; 1421 + 1G> C; G269S.	20 days
ICM100719	TDGF1 related holoprosencephaly. Gene TDGF1	45 days
ICM101634	Tests chimerism (STR)	45 days
ICM101461	Tetra-Amelia syndrome. Gene WNT3	45 days

ICM code	Pathology definition	TAT
ICM100322	Tetrahydrobiopterin deficiency. NGS panel. PTS genes, QDPR, GCH1, PCBD1	45 days
ICM102709	Thalassemia, delta beta. HBB gene. Deletions-duplications (MLPA).	30 days
ICM102510	Thiopurine deficit S-methyltransferase. TPMT gene. Alleles 1, 2, 3A and 3C	30 days
ICM102511	Thiopurine deficit S-methyltransferase. TPMT gene. Complete sequencing Sanger.	45 days
ICM100092	Thoracic aortic aneurysm family type 4 gene MYH11	45 days
ICM100094	Thoracic aortic aneurysm family type 7. Gene MYLK	45 days
ICM101583	Thrombophilia related prothrombin. Gene F2	45 days
ICM102175	Thrombophilia. MTHFR gene. C677T mutation (Ala222Val); A1298C (Glu429Ala).	15 days
ICM102176	Thrombophilia. MTHFR gene. Complete sequencing Sanger.	45 days
ICM102394	Thrombophilia. SERPINA1 gene (PI). Complete sequencing Sanger.	45 days
ICM102393	Thrombophilia. SERPINA1 gene (PI). Mutations E264V; E342K.	15 days
ICM101208	Thrombotic thrombocytopenic purpura. ADAMTS13 gene	45 days
ICM100992	Thyroid cancer. NGS panel 2 genes: RET, NTRK1	45 days
ICM101462	Timothy syndrome. Gene CACNA1C	45 days
ICM101464	Townes-Brocks syndrome. Gene SALL1	45 days
ICM102788	Townes-Brocks syndrome. Gene SALL1. Deletions-duplications (MLPA).	30 days
ICM102910	Toxoplasmosis DNA detection.	10 days
ICM102430	Transient neonatal zinc deficiency. SLC30A2 gene. Complete sequencing Sanger.	45 days
ICM100298	Translocase deficiency of carnitine-acylcarnitine. Gene SLC25A20	45 days
ICM101652	Translocation AF4 / MLL. t (4; 11) (q21; q23). Qualitative.	15 days
ICM101653	Translocation AF4 / MLL. t (4; 11) (q21; q23). Quantitative.	10 days
ICM101654	Translocation ALK / NPM. t (2; 5) (p23; q35). Qualitative.	10 days
ICM101655	Translocation AML1 / ETO. T (8; 21) (q22; q22). Qualitative.	15 days
ICM101656	Translocation AML1 / ETO. t (8; 21) (q22; q22). Quantitative.	15 days
ICM101657	Translocation API2 / MALT1 (MLT). t (11; 18) (q21; q21). Qualitative.	20 days
ICM101658	Translocation BCR / ABL. t (9; 22) (q34; q11). Qualitative.	15 days
ICM101659	Translocation BCR / ABL. t (9; 22) (q34; q11). Quantitative.	15 days
ICM101660	Translocation DEK / CAN. t (6; 9) (p23; q34). Qualitative.	20 days
ICM101661	Translocation E2A / PBX1. t (1; 19) (q23; p13.3). Qualitative.	15 days
ICM101662	Translocation E2A / PBX1. t (1; 19) (q23; p13.3). Quantitative.	15 days
ICM101663	Translocation MLL / ENL. t (11; 19) (q23; p13.3). Qualitative.	20 days
ICM101664	Translocation MYC / IGH. t (8; 14) (q24; q32). Qualitative.	15 days
ICM101665	Translocation PDGFRB / TEL (ETV6). t (5; 12) (q33; p13). Qualitative.	15 days
ICM101666	Translocation PLZF / RARA. t (11; 17) (q23; q21). Qualitative.	15 days
ICM101667	Translocation PLZF / RARA. t (11; 17) (q23; q21). Quantitative.	15 days
ICM101668	Translocation PML / RARA. t (15; 17) (q22; q11-12). Qualitative.	15 days
ICM101669	Translocation PML / RARA. t (15; 17) (q22; q11-12). Quantitative.	15 days
ICM101670	Translocation TEL / AML1. t (12; 21) (p13; q22). Qualitative.	15 days
ICM101671	Translocation TEL / AML1. t (12; 21) (p13; q22). Quantitative.	20 days
ICM101465	Treacher Collins syndrome 1. Gene TCOF1	45 days
ICM101466	Treacher Collins syndrome 2 .Gene POLR1D	45 days
ICM101467	Treacher Collins syndrome 3. Gene POLR1C	45 days
ICM101120	Treacher Collins syndrome. NGS panel 3 genes: TCOF1, POLR1D, POLR1C	45 days
ICM102479	Treacher-Collins syndrome. Gene TCOF1. Complete sequencing Sanger.	45 days
ICM102822	Treacher-Collins syndrome. Gene TCOF1. Deletions-duplications (MLPA).	30 days
ICM102519	Trichorhinophalangeal syndrome. Gene TRPS1. Complete sequencing Sanger.	45 days

ICM code	Pathology definition	TAT
ICM102826	Trichorhinophalangeal syndrome. Gene TRPS1. Deletions-duplications (MLPA).	30 days
ICM101778	Trichothiodystrophy 4 non photosensitive. C7ORF11 gene (TTDN1). Complete sequencing Sanger.	45 days
ICM101915	Trichothiodystrophy. ERCC2 gene (XPD). Complete sequencing Sanger.	45 days
ICM101916	Trichothiodystrophy. Gene ERCC3 (XPB). Complete sequencing Sanger.	45 days
ICM102033	Trichothiodystrophy. GTF2H5 gene (TTDA). Complete sequencing Sanger.	45 days
ICM101951	Trigonocephaly. FGFR1 gene. Complete sequencing Sanger.	45 days
ICM101580	Trimethylaminuria. FMO3 gene	45 days
ICM101673	Triple A syndrome. AAAS gene. Complete sequencing Sanger.	45 days
ICM101468	Troyer syndrome. Gene SPG20	45 days
ICM102866	Tuberous sclerosis. Genes TSC1, TSC2. Deletions-duplications (MLPA).	30 days
ICM100629	Tuberous sclerosis. NGS panel. Genes TSC1, TSC2	45 days
ICM102521	Tuberous sclerosis. TSC1 gene. Complete sequencing Sanger.	45 days
ICM102827	Tuberous sclerosis. TSC1 gene. Deletions-duplications (MLPA).	30 days
ICM102522	Tuberous sclerosis. TSC2 gene. Complete sequencing Sanger.	45 days
ICM102828	Tuberous sclerosis. TSC2 gene. Deletions-duplications (MLPA).	30 days
ICM102505	Tumor protein p53. TP53 gene. Complete sequencing Sanger.	45 days
ICM102824	Tumor protein p53. TP53 gene. Deletions-duplications (MLPA).	30 days
ICM100324	Tyrosine hydroxylase deficiency. TH gene	45 days
ICM102566	Tyrosine hydroxylase deficit. TH gene. Complete sequencing Sanger.	45 days
ICM101546	Tyrosinemia type I. Gene FAH	45 days
ICM101548	Tyrosinemia type II. TAT gene	45 days
ICM101549	Tyrosinemia type III. HPD gene	45 days
ICM101132	Tyrosinemia. NGS panel 3 genes: FAH, TAT, HPD	45 days
ICM101917	Ultraviolet sensitivity. Gene ERCC4. Complete sequencing Sanger.	45 days
ICM100544	Unverricht-Lundborg disease. CSTB gene	45 days
ICM100517	Urine disease maple syrup odor type 1B. Gene BCKDHB	45 days
ICM100516	Urine disease maple syrup smell of type 1A. Gene BCKDHA	45 days
ICM100518	Urine disease maple syrup smell of type 2. Gene DBT	45 days
ICM100519	Urine disease maple syrup smell of type 3. Gene DLD	45 days
ICM101034	Urine Disease smelling maple syrup. NGS panel 4 genes: BCKDHA, BCKDHB, DBT, DLD	45 days
ICM100327	Urine nucleoside phosphorylase deficiency. PNP gene	45 days
ICM101471	Usher syndrome type 1D / F digenic. NGS panel. Genes: PCDH15, CDH23	45 days
ICM101472	Usher syndrome type IB. Gene MYO7A	45 days
ICM101473	Usher syndrome type IC. Gene USH1C	45 days
ICM101474	Usher syndrome type ID. gene CDH23	45 days
ICM101475	Usher syndrome type IF. Gene PCDH15	45 days
ICM101476	Usher syndrome type IG. Gene USH1G	45 days
ICM101477	Usher syndrome type II A. Gene USH2A	45 days
ICM101478	Usher syndrome type IIC, digenic. NGS panel. Genes: PDZD7, GPR98	45 days
ICM101479	Usher syndrome type IIC. GPR98 gene	45 days
ICM101480	Usher syndrome type IID. Gene DFNB31	45 days
ICM101481	Usher syndrome type III B. Gene HARS	45 days
ICM101482	Usher syndrome type IIIA. Gene CLRN1	45 days
ICM101483	Usher syndrome type IJ. Gene CIB2	45 days
ICM101121	Usher syndrome. NGS Panel 13 genes	45 days
ICM102545	Usher type 2A syndrome. Gene USH2A. Complete sequencing Sanger.	45 days
ICM102831	Usher type 2A syndrome. Gene USH2A. Deletions-duplications (MLPA).	30 days

ICM code	Pathology definition	TAT
ICM102056	VACTERL association. Gene HOXD13. Complete sequencing Sanger.	45 days
ICM102081	Van der Woude syndrome. IRF6 gene. Complete sequencing Sanger.	45 days
ICM102717	Van der Woude syndrome. IRF6 gene. Deletions-duplications (MLPA).	30 days
ICM101130	Ventricular tachycardia, catecholaminergic polymorphic / CPVT. NGS panel 2 genes: RYR2, CASQ2	45 days
ICM101215	Vitamin D-resistant rickets type IA. CYP27B1 gene	45 days
ICM101216	Vitamin D-resistant rickets type IB. Gene CYP2R1	45 days
ICM101217	Vitamin D-resistant rickets type IIA. VDR gene	45 days
ICM101765	Vitelliform macular dystrophy. BEST1 gene (VMD2). Complete sequencing Sanger.	45 days
ICM101136	Vitroretinopatía familial exudative. NGS panel 4 genes: FZD4, LRP5, TSPAN12, NDP	45 days
ICM102548	Von Hippel-Lindau syndrome. VHL gene. Complete sequencing Sanger.	45 days
ICM102832	Von Hippel-Lindau syndrome. VHL gene. Deletions-duplications (MLPA).	30 days
ICM100545	Von Hippel-Lindau. VHL gene	45 days
ICM102833	Von Willebrand disease. VWF gene. Deletions-duplications (MLPA).	30 days
ICM101250	Waardenburg anophthalmia syndrome. Gene SMOC1	45 days
ICM101491	Waardenburg syndrome and digenic albinism. NGS panel. Genes: TYR, MITF	45 days
ICM101484	Waardenburg syndrome type 1. Gene PAX3	45 days
ICM101485	Waardenburg syndrome type 2A. MITF gene	45 days
ICM101486	Waardenburg syndrome type 2D. Gene SNAI2	45 days
ICM101487	Waardenburg syndrome type 3. Gene PAX3	45 days
ICM101488	Waardenburg syndrome type 4A. Gene EDNRB	45 days
ICM101489	Waardenburg Syndrome type 4B. Gene EDN3	45 days
ICM101490	Waardenburg syndrome type 4C. SOX10 gene	45 days
ICM102759	Waardenburg syndrome types 1 and 3. Gene PAX3. Deletions-duplications (MLPA).	30 days
ICM101122	Waardenburg syndrome. NGS panel 7 genes: EDN3, EDNRB, MITF, PAX3, SNAI2, SOX10, TYR	45 days
ICM102547	Wagner syndrome. Gene VCAN. Complete sequencing Sanger.	45 days
ICM101584	Wagner vitreoretinopathy. VCAN associated	45 days
ICM101493	Walker-Warburg syndrome related to POMT1. Gene POMT1	45 days
ICM102338	Warburg syndrome type 1. Gene RAB3GAP1. Complete sequencing Sanger.	45 days
ICM101495	Weill-Marchesani syndrome type 1. Gene ADAMTS10	45 days
ICM101496	Weill-Marchesani syndrome type 2. Gene FBN1	45 days
ICM101498	Weill-Marchesani syndrome type 3. Gene LTBP2	45 days
ICM101123	Weill-Marchesani syndrome. NGS panel 3 genes: ADAMTS10, FBN1, LTBP2	45 days
ICM101499	Werner Syndrome. WRN gene	45 days
ICM100547	Wilson's disease. Gene ATP7B	45 days
ICM101744	Wilson's disease. Gene ATP7B. Complete sequencing Sanger.	45 days
ICM102635	Wilson's disease. Gene ATP7B. Deletions-duplications (MLPA).	30 days
ICM101743	Wilson's disease. Gene ATP7B. Exons 2, 14 and 18.	45 days
ICM101500	Wiskott-Aldrich syndrome. Gene WAS	45 days
ICM101501	Wolcott-Rallison syndrome (WRS). Gene EIF2AK3	45 days
ICM101504	Wolff-Parkinson-White syndrome (WPW). Gene PRKAG2	45 days
ICM101814	Wolfram syndrome type 2. Gene CISD2. Complete sequencing Sanger.	45 days
ICM101502	Wolfram syndrome. Genes: WFS1, CISD2	45 days
ICM102552	Wolfram syndrome. WFS1 gene. Complete sequencing Sanger.	45 days
ICM101393	Wrinkly skin syndrome. Gene ATP6V0A2	45 days
ICM100762	X linked severe combined immunodeficiency. Gene IL2RG	45 days

ICM code	Pathology definition	TAT
ICM101971	X-fragile syndrome. FMR1 gene. CGG expansion.	20 days
ICM100044	X-linked adrenoleukodystrophy Gene ABCD1	45 days
ICM100051	X-linked agammaglobulinemia Gene BTK	45 days
ICM102302	X-linked congenital hearing loss. Gene POU3F4. Complete sequencing Sanger.	45 days
ICM102120	X-linked hydrocephalus. Gene L1CAM. Complete sequencing Sanger.	45 days
ICM100683	X-linked hypophosphatemia Gene PHEX	45 days
ICM102274	X-linked hypophosphatemic rickets. Gene PHEX. Complete sequencing Sanger.	45 days
ICM102764	X-linked hypophosphatemic rickets. Gene PHEX. Deletions-duplications (MLPA).	30 days
ICM100740	X-linked ichthyosis Gene STS	45 days
ICM100222	X-linked immunodeficiency with magnesium deficit, EBV and neoplasia	45 days
ICM102248	X-linked intellectual deficit - cerebellar hypoplasia. Gene OPHN1. Complete sequencing Sanger.	45 days
ICM101739	X-linked intellectual deficit Hedera type. Gene ATP6AP2. Complete sequencing Sanger.	45 days
ICM102670	X-linked intellectual deficit type 90. Gene DLG3. Deletions-duplications (MLPA).	30 days
ICM102736	X-linked intellectual deficit, syndromic, Lubs type. MECP2 gene. Deletions-duplications (MLPA).	30 days
ICM102558	X-linked lymphoproliferative disease. gene XIAP. Complete sequencing Sanger.	45 days
ICM102408	X-linked lymphoproliferative disease. SH2D1A gene. Complete sequencing Sanger.	45 days
ICM101516	X-linked lymphoproliferative syndrome type 1. Gene SH2D1A	45 days
ICM101517	X-linked lymphoproliferative syndrome type 2. Gene XIAP	45 days
ICM100856	X-linked myopathy Centronuclear. Gene MTM1	45 days
ICM101198	X-linked protoporphyria. Gene ALAS2	45 days
ICM101199	X-linked protoporphyria. NGS Panel. Genes: ALAS2, FECH	45 days
ICM102362	X-linked retinitis pigmentosa. Gene RPGR. Complete sequencing Sanger.	45 days
ICM100091	X-linked sideroblastic anemia Genes ALAS2, HFE	45 days
ICM101601	X-linked spastic paraplegia type 1. Mass syndromes and Crash. Gene L1CAM	45 days
ICM101602	X-linked spastic paraplegia type 2 Gene PLP1	45 days
ICM101582	X-linked thrombocytopenia. Gene WAS	45 days
ICM101593	Xeroderma pigmentosum group A. Gene XPA	45 days
ICM101594	Xeroderma pigmentosum group B. Gene ERCC3	45 days
ICM101595	Xeroderma pigmentosum group C. Gene XPC	45 days
ICM101596	Xeroderma pigmentosum group D. Gene ERCC2	45 days
ICM101597	Xeroderma pigmentosum group E. Gene DDB2	45 days
ICM101598	Xeroderma pigmentosum group F. Gene ERCC4	45 days
ICM101599	Xeroderma pigmentosum group G. Gene ERCC5	45 days
ICM102325	Xeroderma pigmentosum variant type. POLH gene (variant). Complete sequencing Sanger.	45 days
ICM101600	Xeroderma pigmentosum variant. Gene POLH	45 days
ICM101137	Xeroderma Pigmentum. NGS panel 9 genes: DDB2, ERCC1, ERCC2, ERCC3, ERCC4, ERCC5, POLH, XPA, XPC	45 days
ICM102818	XL recessive ichthyosis. STS gene. Deletions-duplications (MLPA).	30 days
ICM102749	Xlinked Asperger syndrome. Gene NLGN4X. Deletions-duplications (MLPA).	30 days
ICM101636	Y Chromosome partial deletions: AZFa, AZFb, AZFc, SRY (DAZ).	20 days