Patient's Name
Date of Birth
Address
Country

LABOR LADEMANNBOGEN
MEDIZINISCHE EXPERTISE
Human Genetics
Labor Lademannbogen MVZ GmbH
Professor-Rüdiger- Arndt-Haus
Lademannbogen 61-63
22339 Hamburg
Tel.: (040) 53805 800
Fax: (040) 53805 821
www.labor-lademannbogen.de

- Doctor's practice stamp -

Human Genetics (A-D)

Sampling date_____

☐	1p36 deletion syndrome	Hep
☐	3-beta-HSD deficiency (HSD3B2)	E
☐	5-fluorouracil toxicity (DPD deficiency)	E
☐	Aarskog syndrome (Faciogenital dysplasia)	E
☐	Aceruloplasminemia	E
☐	Achondroplasia	E
☐	Adiposity, Leptin	E
☐	Adiposity, Leptin Receptor	E
☐	Adiposity, Melanocortin 4 Receptor	E
☐	Adiposity, Proopiomelanocortin	E
☐	Adiposity, Proproteinconvertase	E
☐	Agammaglobulinemia, X-linked (BTK)	E
☐	Aicardi-Goutières syndrome	E
☐	AIRE (APECED)	E
☐	Alagille syndrome (JAG1)	E
☐	Albright osteodystrophy (GNAS1)	E
☐	Alpers syndrome (POLG1)	E
☐	Alpha 1 antitrypsin genotyping	E
☐	Alpha 1 fetoprotein (pregnancy)	S
☐	Alport syndrome	E
☐	Alzheimer disease (PSEN1/2, APP)	E
☐	Aminoglycoside ototoxicity (mt1555)	E
☐	Amyloidosis, hereditary (APOA1)	E
☐	Amyloidosis, hereditary (FGA)	E
☐	Amyloidosis, hereditary (LYZ)	E
☐	Amyloidosis, hereditary (TTR)	E
☐	Androgen receptor (AR)	E
☐	Angelman syndrome (UBE3A)	E
☐	Angioedema, hereditary	E
☐	Antithrombin	E
☐	APC resistance (Factor 5 -Leiden mutation)	E
☐	Apolipoprotein A1 deficiency	E
☐	Apolipoprotein A5 deficiency	E
☐	Apolipoprotein A-V deficiency (Hyperlipidemia type I)	E
☐	Apolipoprotein B deficiency	E
☐	Apolipoprotein C-II deficiency (Hyperlipidemia type I)	E
☐	Apolipoprotein E subtyping (HLP type III)	E
☐	Array-CGH* postnatal/prenatal[1]	E/AF[1]+E
☐	Arterial tortuosity syndrome (GLUT10)	E
☐	Autoimmune polyendocrinopathy type I	E
☐	Azoospermia factor	E
☐	Bannayan-Zonana syndrome (PTEN)	E
☐	Benign recurrent intrahepatic cholestasis	E
☐	Birt-Hogg-Dube syndrome (FLCN)	E
☐	Bladder cancer (FISH)	Urine
☐	Branchiootorenal syndrome (BOR syndrome)	E
☐	Brugada syndrome (BrS), SCN5A	E
☐	Butyrylcholinesterase (BCHE)	E
☐	Butyrylcholinesterase deficiency	E
☐	Byler disease	E

☐	CADASIL (NOTCH3)	E
☐	Cardiomyopathy, dilatative	E
☐	Cardiomyopathy, hypertrophic	E
☐	Cardiomyopathy, long-QT	E
☐	Cardiomyopathy, others	E
☐	Carnitine palmitoyltransferase II deficiency	E
☐	Cataract (EPHA2, GALK)	E
☐	CDG syndrome, CDG 1a (PMM2)	E
☐	CDG syndrome, CDG 1b (MPI)	E
☐	CDG syndrome, CDG 1c (ALG6)	E
☐	CDG syndrome, CDG 2c (SLC35C1)	E
☐	Cholestasis, intrahepatic, benign recurrent (BRIC)	E
☐	Cholestasis, intrahepatic, of pregnancy (ICP)	E
☐	Cholestasis, intrahepatic, progressive familial (PFIC)	E
☐	Chromosomal diagnosis of leukemia and lymphoma	BM etc.
☐	Chromosomal diagnosis of spontaneous abortions	CVS
☐	Chromosomal diagnosis, postnatal	Hep
☐	Chromosomal diagnosis, prenatal	AF etc.
☐	Chronic eosinophilic leukemia (CEL)	BM
☐	Chronic lymphatic leukemia (B-CLL)	Hep+E
☐	Chronic myeloproliferative disorders	BM etc.
☐	CINCA syndrome (CIAS1)	E
☐	Cold urticaria, familial (CIAS1)	E
☐	Collagen receptor (C807T)	E
☐	Colon cancer with polyposis (APC)	E
☐	Colon cancer without polyposis (HNPCC)	E
☐	COMT1 (V158M)	E
☐	Congenital adrenal hyperplasia (CAH), (CYP21A1)	E
☐	Congenital bilateral aplasia of the vas deferens	E
☐	Connexin 26 (GJB2)	E
☐	Connexin 32 (GJB1/HMSN/CMT)	E
☐	Cowden syndrome (PTEN)	E
☐	Cri-du-chat syndrome (5p- syndrome)	Hep
☐	Crigler-Najjar syndrome	E
☐	Crohn disease (NOD2/CARD15)	E
☐	Cutaneous T-cell lymphomas (NAV3)	E
☐	CVID (Immunodeficiency, common variable) (TACI)	E
☐	Cystic fibrosis (CF)	E
☐	Cystinuria	E
☐	Cytochrome P450 (CYP2C19)	E
☐	Cytochrome P450 (CYP2C9)	E
☐	Cytochrome P450 (CYP2D6)	E
☐	Darier-Disease (Dyskeratosis follicularis)	E
☐	Deafness (Connexin 26, DFNB1)	E
☐	Diabetes insipidus centralis	E
☐	Diabetes insipidus renalis	E
☐	Diabetes renalis (SGLT2)	E
☐	Diabetes, MODY 1 (HNF4A)	E
☐	Diabetes, MODY 10 (INS)	E
☐	Diabetes, MODY 11 (BLK)	E

Material: E = anticoagulated blood (EDTA, molecular genetic investigations), Hep = anticoagulated blood (Heparin, cytogenetic and FISH investigations), BM = Bone marrow, OM = Oral mucosa cells, AF = Amniotic fluid, CVS = Chorionic villus, S = Serum, *external laboratory performance, [1]we additionally need anticoagulated blood (EDTA, 2 ml) of both parents (in case of prenatal diagnosis it is mandatory)

Patient's Name
Date of Birth
Address
Country

LABOR LADEMANNBOGEN
MEDIZINISCHE EXPERTISE
Human Genetics
Labor Lademannbogen MVZ GmbH
Professor-Rüdiger- Arndt-Haus
Lademannbogen 61-63
22339 Hamburg
Tel.: (040) 53805 800
Fax: (040) 53805 821
www.labor-lademannbogen.de

- Doctor's practice stamp -

Human Genetics (D-K)

Sampling date_____

☐	Diabetes, MODY 2 (Glucokinase)	E	
☐	Diabetes, MODY 3 (HNF1A)	E	
☐	Diabetes, MODY 4 (Insulin promotor factor-1)	E	
☐	Diabetes, MODY 5 (HNF1B)	E	
☐	Diabetes, MODY 6 (NEUROD1/BETA2)	E	
☐	Diabetes, MODY 9 (PAX4)	E	
☐	Diabetes, permanent neonatal	E	
☐	Diabetes, phosphate (PHEX)	E	
☐	DiGeorge syndrome (22q11.2)	Hep	
☐	Exostosis, multiple cartilaginous type 1	E	
☐	Exostosis, multiple cartilaginous type 2	E	
☐	Fabry disease	E	
☐	Factor II	E	
☐	Factor IX	E	
☐	Factor V HR2	E	
☐	Factor V Leiden	E	
☐	Factor V mutation screening	E	
☐	Factor VII	E	
☐	Factor X	E	
☐	Factor XI	E	
☐	Factor XII	E	
☐	Factor XIII	E	
☐	Fanconi-Bickel syndrome (GLUT2)	E	
☐	Favism	E	
☐	Fibrinogen (FGA, FGB, FGG)	E	
☐	First trimester screening	S	
☐	Fish-eye disease	E	
☐	Fragile X syndrome (fra (X))	E	
☐	Fructose 1,6-bisphosphatase deficiency	E	
☐	Fructose intolerance, hereditary	E	
☐	Galactokinase deficiency	E	
☐	Galactosamine (GALT)	E	
☐	Galactosemia (GALK)	E	
☐	Gaucher disease	E	
☐	Gilbert syndrome	E	
☐	Gilbert syndrome (Hyperbilirubinemia)	E	
☐	Gitelman syndrome (SLC12A3)	E	
☐	Glucose galactose malabsorption (SLC5A1, SGLT1)	E	
☐	Glucose transporter protein 1 syndrome (GLUT1)	E	
☐	Glukose-6-phosphate dehydrogenase (G6PDH)	E	
☐	Glycogen storage disease (Glycogenosis type 1a)	E	
☐	Glycogen storage disease (Glycogenosis type 1b)	E	
☐	Glycosuria, renal (SLC5A2, SGLT2)	E	
☐	Gunther disease	E	
☐	Hailey-Hailey disease (ATP2C1-Gen)	E	
☐	HDL deficiency, familial	E	
☐	Hemochromatosis type 1 (hereditary)	E	
☐	Hemochromatosis type 2A/2B (HAMP, HEPCIDIN)	E	
☐	Hemochromatosis type 3 (TFR2)	E	
☐	Hemochromatosis type 4 (SCL40A1)	E	
☐	Hemolytic uremic syndrome (CFH)	E	
☐	Hemolytic uremic syndrome (CFI)	E	
☐	Hemolytic uremic syndrome (HUS)	E	
☐	Hemolytic uremic syndrome (MCP)	E	
☐	Hemolytic uremic syndrome (THBD)	E	
☐	Hereditary non-polyposis colon cancer (HNPCC)	E	
☐	Hibernian fever (TRAPS)	E	
☐	Hirschsprung disease	E	
☐	Huntington's disease (HD)	E	
☐	Hyperbetalipoproteinemia (PCSK9)	E	
☐	Hypercalcemia, hypocalciuric, familial (CASR)	E	
☐	Hypercholesterinemia, autosomal dominant (PCSK9)	E	
☐	Hypercholesterinemia, autosomal recessive	E	
☐	Hypercholesterinemia, familial (LDLR)	E	
☐	Hypereosinophilic syndrome (HES)	BM	
☐	Hyperhomocysteinemia (MTHFR, C677T)	E	
☐	Hyper-IgD syndrome (HIDS)	E	
☐	Hyper-IgE syndrome, autosomal dominant (STAT3)	E	
☐	Hyper-IgE syndrome, autosomal rezessiv (TYK2)	E	
☐	Hyper-IgM syndrome	E	
☐	Hyperinsulinism, congenital	E	
☐	Hyperinsulinism-hyperammonemia syndrome	E	
☐	Hypermetaphase FISH (HM-FISH)	BM	
☐	Hyperoxaluria type 1	E	
☐	Hyperparathyroidism, primary (HRPT2)	E	
☐	Hyperparathyroidism, primary, severe neonatal	E	
☐	Hypoalphalipoproteinemia APOA1, ABCA1, LCAT	E	
☐	Hypocalcemia, autosomal dominant (CASR)	E	
☐	Hypocholinesterasemia	E	
☐	Hypochondroplasia	E	
☐	Hypogammaglobulinaemia (CD19 deficiency)	E	
☐	Hypoparathyroidism, familial isolated (CASR)	E	
☐	Hypophosphatasia (ALPL)	E	
☐	Hypophosphatemia X-chromosomal (PHEX)	E	
☐	Hypophosphatemia, autosomal dominant (FGF23)	E	
☐	Hypophosphatemia, autosomal rezessiv (DMP1)	E	
☐	Hypophosphatemic rickets, X-linked, dominant	E	
☐	Ichthyoses X/steroid sulfatase (STS) deficiency	Hep	
☐	Ichthyosis vulgaris and atopic dermatitis	E	
☐	Idiopathic short stature*	E*/Hep	
☐	IL28B genotyping	E	
☐	Integrated screening with NT*	S	
☐	Integrated screening without NT*	S	
☐	IPEX / XLAAD syndrome (FOXP3)	E	
☐	IRIDA (Iron-refractory iron deficiency anemia)	E	
☐	Irinotecan Toxicity (UGT1A)	E	
☐	Iron-refractory iron deficiency anemia (IRIDA)	E	
☐	ITPA genotyping	E	
☐	JAK2 (V617F)	E	
☐	Kallmann syndrome (Mutation analysis)*	E	

Material: E = anticoagulated blood (EDTA, molecular genetic investigations), Hep = anticoagulated blood (Heparin, cytogenetic and FISH investigations), BM = Bone marrow, OM = Oral mucosa cells, AF = Amniotic fluid, CVS = Chorionic villus, S = Serum, *external laboratory performance, [1]we additionally need anticoagulated blood (EDTA, 2 ml) of both parents (in case of prenatal diagnosis it is mandatory)

Patient's Name
Date of Birth
Address
Country

LABOR LADEMANNBOGEN
MEDIZINISCHE EXPERTISE
Human Genetics
Labor Lademannbogen MVZ GmbH
Professor-Rüdiger- Arndt-Haus
Lademannbogen 61-63
22339 Hamburg
Tel.: (040) 53805 800
Fax: (040) 53805 821
www.labor-lademannbogen.de

- Doctor's practice stamp -

Human Genetics (K-P)

Sampling date_____

☐ Kallmann syndrome I (del(X)(p22.3))	Hep
☐ Kearns-Sayre syndrome	E
☐ Kininogen (KNG)	E
☐ Lactose intolerance	E
☐ Langer syndrom*	E
☐ LCAT deficiency	E
☐ Leber hereditary optic neuropathy (LHON)	E
☐ Lecithin cholesterol acyltransferase deficiency	E
☐ Leigh syndrome (mt8993)	E
☐ LEOPARD syndrome	E
☐ Leri-Weill dyschondrosteosis*	E
☐ Leukemia, acute lymphoblastic (ALL)	BM
☐ Leukemia, chronic lymphocytic (B-CLL)	Hep/BM
☐ Leukemia, chronic myeloid (CML)	BM etc.
☐ Lipoprotein lipase deficiency (Hyperlipidemia type I)	E
☐ Loeys-Dietz syndrome (TGFBR1, TGFBR2)	E
☐ Long-chain 3-hydroxyacyl CoA dehydrog. de. (HADHA)	E
☐ Long-QT syndrome	E
☐ Lymphoma B cell receptor rearrangement	E
☐ Lymphoma T cell receptor rearrangement	E
☐ Lymphoma, Non-Hodgkin (CBCC lymphoma)	E
☐ Lymphome follicular	E
☐ Marfan syndrome (FBN1)	E
☐ Marfan syndrome type 2 (TGFBR2)	E
☐ MASS syndrome (FBN1)	E
☐ MCAD deficiency (MCAD)	E
☐ McCune-Albright syndrome (GNAS1)	E
☐ Mediterranean fever, familial (MEFV)	E
☐ Melanoma, familial malignant	E
☐ MELAS syndrome	E
☐ Menkes syndrome	E
☐ Mental retardation (Array-CGH*)	E
☐ Mental retardation (Chromosome analysis)	Hep
☐ Mevalonate kinase deficiency (MVK)	E
☐ Mevalonic aciduria (MVK)	E
☐ Microdeletion/-duplication syndromes	Hep
☐ Microduplication 22q11.2	Hep
☐ Miller-Dieker lissencephaly syndrome (del(17)(p13.3))	Hep
☐ MODY 1 (HNF4A)	E
☐ MODY 10 (INS)	E
☐ MODY 11 (BLK)	E
☐ MODY 2 (Glucokinase)	E
☐ MODY 3 (HNF1A)	E
☐ MODY 4 (insulin promoter factor-1)	E
☐ MODY 5 (HNF1B)	E
☐ MODY 6 (NEUROD1/BETA2)	E
☐ MODY 9 (PAX4)	E
☐ Molecular cytogenetic diagnostics (FISH)	Hep etc.
☐ Muckle-Wells syndrome (CIAS1)	E
☐ Mucopolysaccharidosis type 2 (Hunter syndrome)	E
☐ Mucopolysaccharidosis type 3B (NAGLU))	E
☐ Mucopolysaccharidosis type 3D (GNS)	E
☐ Multiple endocrine neoplasia type 1 (Men1)	E
☐ Multiple endocrine neoplasia type 2A/B FMTC	E
☐ Muscular atrophy, spinal (SMA)	E
☐ Muscular atrophy, spinal and bulbar (SBMA)	E
☐ Myelodysplastic syndrome (MDS)	BM
☐ N-acetlytransferase 1/2 (NAT1/2)	E
☐ NARP syndrome (mt8993)	E
☐ Neurofibromatosis type 1	E
☐ Neurofibromatosis type 2	E
☐ Non-polyposis colon cancer (HNPCC)	E
☐ Non-syndromic hearing loss, hereditary	E
☐ Noonan syndrome	E
☐ Obesity, leptin and leptin receptor	E
☐ Obesity, melanocortin 4 receptor	E
☐ Obesity, proconvertase deficiency	E
☐ Obesity, proopiomelanocortin deficiency	E
☐ Occipitalhorn syndrome	E
☐ Ophthalmoplegia, autos. dom. progressive externe	E
☐ Ophthalmoplegia, autos. rec. progressive external	E
☐ Ophthalmoplegia, chronic progressive external	E
☐ Optic atrophy, autosomal dominant (OPA1)	E
☐ Optic atrophy, Leber	E
☐ Osler-Rendu-Weber disease (ALK1, ENG)	E
☐ Osteogenesis imperfecta (COL1A1)	E
☐ Osteogenesis imperfecta (COL1A2)	E
☐ p53 mutation analysis (Li-Fraumeni syndrome)	E
☐ PAI1 (4G/5G)	E
☐ Pancreatitis, hereditary (PRSS1)	E
☐ Pancreatitis, idiopathic, chronic (PSTI, CFTR, CTRC)	E
☐ Paraganglioma (SDHB, SDHC, SDHD)	E
☐ Parathormone deficiency	E
☐ Pendred syndrome	E
☐ Peutz-Jeghers syndrome (Polyposis intestinal II)	E
☐ Phacomatoses	E
☐ Phaeochromocytoma	E
☐ Phelan-McDermid syndrome	E
☐ Phenylketonuria	E
☐ Plasmacytoma (Multiples myeloma)	BM
☐ Plasminogen activator inhibitor 1, PAI1 (4G/5G)	E
☐ Platelet collagen receptor (GP6)	E
☐ Polyposis coli	E
☐ Porphyria, acute intermittent	E
☐ Porphyria, congenital erythropoietic	E
☐ Porphyria, cutanea tarda	E
☐ Porphyria, erythropoietic protoporphyria	E
☐ Porphyria, hereditary coproporphyria	E
☐ Porphyria, variegata	E
☐ Prader-Willi syndrome (PWS)	E

Material: E = anticoagulated blood (EDTA, molecular genetic investigations), Hep = anticoagulated blood (Heparin, cytogenetic and FISH investigations), BM = Bone marrow, OM = Oral mucosa cells, AF = Amniotic fluid, CVS = Chorionic villus, S = Serum, *external laboratory performance, [1]we additionally need anticoagulated blood (EDTA, 2 ml) of both parents (in case of prenatal diagnosis it is mandatory)

Patient's Name
Date of Birth
Address
Country

LABOR LADEMANNBOGEN
MEDIZINISCHE EXPERTISE
Human Genetics
Labor Lademannbogen MVZ GmbH
Professor-Rüdiger- Arndt-Haus
Lademannbogen 61-63
22339 Hamburg
Tel.: (040) 53805 800
Fax: (040) 53805 821
www.labor-lademannbogen.de

- Doctor's practice stamp -

Human Genetics (P-W)

Sampling date_____

☐	Prekallikrein (KLKB1)	E	
☐	Progressive familial intrahepatic cholestasis (PFIC)	E	
☐	Protein C (PROC)	E	
☐	Protein S (PROS1)	E	
☐	Protein Z	E	
☐	Prothrombin mutation (G20210A)	E	
☐	Pseudohypoparathyroidism (GNAS1)	E	
☐	Purinergic receptor P2Y (P2RY12)	E	
☐	Pyruvate kinase	E	
☐	Rapid PCR test (Aneuploidy screening)	AF/E	
☐	Recklinghausen disease	E	
☐	Retinoschisis, juvenile,X-linked	E	
☐	RETT syndrom	E	
☐	Roberts syndrome (ESCO2)	E	
☐	SANDO syndrome	E	
☐	SCID, Omenn syndrome	E	
☐	Secondtrimester-screening*	S	
☐	Sequential screening I (Secondtrimester)*	S	
☐	Sequential screening II (Secondtrimester)*	S	
☐	SHOX (Deletion Xp22)	Hep	
☐	SHOX (Mutation analysis)*	E	
☐	Skin diseases	E	
☐	Smith-Lemli-Opitz syndrome	E	
☐	Smith-Magenis syndrome (del(17)(p11.2))	Hep	
☐	Sotos syndrome (NSD1)	E/Hep	
☐	Sperm FISH	Ejac.	
☐	SRY (del(Y)(p11.3))	Hep/E	
☐	Steroid-11-beta-hydroxylase deficiency (CYP11B1)	E	
☐	Stickler syndrome	E	
☐	Subtelomere diagnostics (FISH)	Hep	
☐	Systemic lupus erythematosus (TREX1-Gen)	E	
☐	Tangier disease	E	
☐	Telangiectasia, hereditary hemorrhagic (ALK1, ENG)	E	
☐	Thalassaemia (Beta-thalassaemia)	E	
☐	Thanatophoric dysplasie type I/II	E	
☐	Thiopurin deficiency	E	
☐	Thiopurin-S-methyltransferase (TPMT)	E	
☐	Thromboxane A2 receptor (TBXA2R)	E	
☐	Thyroid hormone resistance	E	
☐	TNF-Receptor associated periodic fever (TRAPS)	E	
☐	Townes-Brock syndrome	E	
☐	Triple test*	S	
☐	TTP (ADAMTS13)	E	
☐	Tuberous sclerosis type 1	E	
☐	Tuberous sclerosis type 2	E	
☐	Tyrosinemia type 1	E	
☐	Uniparentale disomy	E	
☐	Vitamin D-dependent rickets type 1 (CYP27B1)	E	
☐	Vitamin D-dependent rickets type 2 (VDR)	E	
☐	Von Gierke disease	E	
☐	Von Hippel-Lindau syndrome	E	
☐	Von Recklinghausen disease	E	
☐	von Willebrand factor VWF)	E	
☐	Warfarin (VKORC1, CYP2C9)	E	
☐	Weill-Marchesani syndrome	E	
☐	Williams-Beuren syndrome (del(7)(7q11.23))	Hep	
☐	Wilson disease	E	
☐	Wiskott-Aldrich syndrome	E	
☐	Wolf-Hirschhorn syndrome (4p-syndrome)	Hep	

Material: E = anticoagulated blood (EDTA, molecular genetic investigations), Hep = anticoagulated blood (Heparin, cytogenetic and FISH investigations), BM = Bone marrow, OM = Oral mucosa cells, AF = Amniotic fluid, CVS = Chorionic villus, S = Serum, *external laboratory performance, [1]we additionally need anticoagulated blood (EDTA, 2 ml) of both parents (in case of prenatal diagnosis it is mandatory)