

General Information

Patient Surname: _____ First name: _____ Date of birth: _____ Sex: <input type="checkbox"/> male <input type="checkbox"/> female Material <input type="checkbox"/> Blood ____ ml (min. 3 ml EDTA-blood) <input type="checkbox"/> Dried blood spot cards (at least 10 spots) <input type="checkbox"/> DNA ____ µg (min. 5 µg DNA, concentr. ≥ 50 ng/µl) DNA-No.: _____ <input type="checkbox"/> Other specimen _____ External ID: _____ Date of sample collection: _____ <small>Samples can be sent by mail in a cardboard box or air cushion envelope. Samples should not be exposed to direct sunlight. Dried blood spot cards can be ordered for free (info@cegat.com).</small>	Sender / Clinic Surname: _____ First name: _____ Institution: _____ Street: _____ Postcode/City: _____ Country: _____ Phone: _____ Email: _____ If applicable, please include a VAT number or a copy of your business registration certificate. VAT: _____ Invoice <input type="checkbox"/> to patient <input type="checkbox"/> to sender / clinic
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Declaration of consent

By signing this form, I declare that I have received comprehensive information about the genetic background related to the disease in question as well as the possibilities and limitations of molecular genetic testing. I understand that I have the right to withdraw my consent to genetic analyses.

I have been informed, and agree, that the data obtained in the analysis will be recorded, evaluated, or stored in an anonymized form in scientific databases, and further, in accordance with data protection and medical confidentiality, that the request, or parts thereof, may be transmitted to a specialized cooperating laboratory. I have been informed, and agree, that all data collected by CeGaT GmbH is electronically stored, processed, and used. I also consent to the data being transmitted electronically (e.g. by e-mail or fax).

If you do not check these boxes, your answer will be recorded as "No".

I consent to the storage of my genetic material for additional tests and/or quality control (for max. 10 years). Yes No

I consent to the storage of my test results beyond the timespan of 10 years (as required by German law). Yes No

I consent to the anonymous storage and use of surplus genetic material and/or test results for scientific research. Yes No

Genetic variation may sometimes be identified, which does not fit within the scope of the requested genetic analysis (so-called secondary findings report). The reporting of these variants is limited to pathogenic alterations within selected genes, for which a treatment or course of action exists for you or your family (according to the current guidelines of the American College of Medical Genetics and Genomics; ACMG SF V2.0; Kalia et al., 2017, PMID: 27854360). There is no claim of a comprehensive analysis of the genes included within the secondary findings report. An absence of secondary findings cannot be used to indicate a reduced disease risk.

With regard to secondary findings I would like:

to be informed to NOT be informed

Please Note

Our panels are regularly updated to reflect current scientific research. It should therefore be recognized that there is the possibility that the list of genes on the order form may have changed slightly (genes added or removed) by the time the sample is analyzed in the laboratory. By signing this form, the patient accepts that the list of genes actually analyzed may be slightly different from what is currently listed. When NGS is utilized more than the requested genes are sequenced for each sample.

This declaration of consent can be completely or partially withdrawn at any time. I have had sufficient time to consider giving my consent.

_____ Patient / Legal Guardian (Block letters)	_____ Doctor (Surname, First name)
X _____ Patient / Legal Guardian (Date, Signature)	X _____ Doctor (Date, Signature)

Contact

To discuss the diagnostic strategy please do not hesitate to contact us.
Phone: +49 7071 565 44-55
Email: diagnostic-support@cegat.de

Deutsche Akkreditierungsstelle
D-MU-13206-01-00

CAP ACCREDITED
COLLEGE of AMERICAN PATHOLOGISTS
CLIA CERTIFIED ID: 9902130225

CeGaT is accredited by DAKKS according to DIN EN ISO 15189:2014, by the College of American Pathologists (CAP) and CLIA.

Doctor's stamp / Barcode

Indication

Indication / Suspected Diagnosis:


Clinical Major Symptoms:

Preliminary genetic diagnostics:

Transplants (bone marrow, tissue, stem cells) No Yes, (please specify) _____

Please include a copy of all existing reports of your patient.

Pedigree Consanguinity: Yes No Ethnic origin: _____

-  index patient
- not affected
- affected
- known carrier
- deceased
- unrelated parents
- consanguine parents
- unborn child
- abortion, stillborn child
- person of unknown sex
- identical twins (monozygous)
- fraternal twins (dizygous)

Family medical history

Are there other family members who currently have or have had the same or a similar disease as the patient?

Yes No

If yes, please list the affected family members:

Name (not required)	Relationship to the patient (e.g. mother)	Age of onset	Diagnosis / Symptoms

Indication & Inquiry

Inquiry Blood Disorders

Large Panel Diagnostic Option (230 Genes, PID-D45)

In addition to the full analysis of the requested gene set(s), we expand the analysis to all genes of the Diagnostic Panel (230 genes in total) for variants that are pathogenic or likely pathogenic (ACMG class 4 and 5).

Antibody deficiency (33 Genes, PID01)

(incl. Hyper-IgM syndrome, common variable immunodeficiency, Agammaglobulinemia)

AICDA, ATP6AP1, BLNK, BTK, CARD11, CD19, CD40, CD40LG, CD79A, CD79B, CD81, CR2, CXCR4, HELLS, IGHM, IGLL1, IKBKB, IKZF1, IL2RG, IRF2BP2, LRBA, LRRC8A, MS4A1, NFKB1, NFKB2, NFKBIA, PIK3CD, PIK3R1, STAT1, TCF3, TNFRSF13B, TNFRSF13C, UNG

Complement deficiencies (24 Genes, PID02)

(incl. Neisseria infections)

C1QA, C1QB, C1QC, C1S, C2, C3, C5, C6, C7, C8A, C8B, C8G, C9, CD46, CD55, CD59, CFB, CFD, CFH, CFI, CFP, FCN3, MASP2, SERPING1

Autoinflammatory Diseases (37 Genes, PID03)

(incl. Periodic fever syndromes, Autoinflammatory syndromes without fever, Early-onset chronic inflammatory bowel diseases)

ADA, ADAM17, BACH2, CARD14, CECR1, COPA, ELANE, FDX1, HSPA1L, IL10, IL10RA, IL10RB, IL1RN, IL21, IL21R, IL36RN, LPIN2, LRBA, MEFV, MVK, NFAT5, NLRC4, NLRP1, NLRP12, NLRP3, NOD2, OTULIN, PLCG2, PSTPIP1, SLC29A3, TMEM173, TNFAIP3, TNFRSF1A, TTC7A, WDR1, XIAP, ZBTB24

Immune Dysregulation (52 Genes, PID04)

(incl. Hemophagocytic lymphohistiocytosis, (autoimmune-) lymphoproliferative syndrome, Immune Dysregulation with colitis)

ADA, ADAM17, AICDA, AP3B1, AP3D1, BACH2, C19ORF40, CASP10, CASP8, CD27, CD70, CTLA4, CYBA, CYBB, DKC1, EGFR, FADD, FAS, FASLG, FOXP3, G6PD, GATA2, HSPA1L, IL10, IL10RA, IL10RB, IL21, IL21R, IL2RA, ITK, KRAS, LRBA, LYST, MAGT1, NCF1 c.75_76delGT, NCF2, NCF4, PIK3R1, PRF1, PRKCD, RAB27A, RTEL1, SH2D1A, STAT1, STAT3, STX11, STXBP2, TNFAIP3, TTC7A, UNC13D, XIAP, ZBTB24

Defects of Phagocytes (45 Genes, PID05)

(incl. Neutropenia, Mycobacteriosis, Leukocyte adhesion deficiency (LAD), chronic granulomatous disease)

CD40, CD40LG, CEBPE, CFTR, CLPB, CSF3R, CXCR2, CXCR4, CYBA, CYBB, ELANE, FERMT3, G6PC3, G6PD, GATA1, GATA2, GF11, GINS1, HAX1, IFNGR1, IFNGR2, IL12B, IL12RB1, IRF8, ISG15, ITGB2, JAGN1, MKL1, NCF1 c.75_76delGT, NCF2, NCF4, RAC2, RORC, SBDS, SLC35C1, SMARCD2, SRP54, STAT1, TAZ, TCIRG1, TYK2, USB1, VPS45, WAS, WDR1

Innate immunity defects (19 Genes, PID06)

(incl. Chronic mucocutaneous candidiasis, Herpes simplex encephalitis)

AIRE, CARD9, CLEC7A, IL12B, IL12RB1, IL17F, IL17RA, IL17RC, IRF3, RANBP2, RORC, STAT1, STAT3, TBK1, TICAM1, TLR3, TRAF3, TRAF3IP2, UNC93B1

Combined immunodeficiency (52 Genes, PID07)

ADA, AK2, BACH2, BCL11B, CARD11, CD247, CD27, CD3D, CD3E, CD3G, CD40, CD40LG, CORO1A, CTPS1, DCLRE1C, DOCK2, DOCK8, FOXN1, IKBKB, IL12RB1, IL21, IL21R, IL2RA, IL2RG, IL7R, JAK3, LAT, LCK, LIG4, LRBA, MAGT1, MALT1, MSN, MTHFD1, NFAT5, NHEJ1, ORAI1, PGM3, PIK3CD, PNP, PRKDC, PTPRC, RAG1, RAG2, RASGRP1, RLTPR, SP110, STIM1, STK4, TFRC, UNC119, ZAP70

Syndromes with immunodeficiencies (35 Genes, PID08)

(incl. Hyper-IgE syndrome, Chilblain Lupus, Interferonopathy)

C2, C3, DNASE1, DNASE1L3, DNASE2, DOCK8, DSG1, ERBB2IP, FOXP3, IFIH1, IFNGR1, IFNGR2, IRF8, ISG15, JAK1, MEFV, POMP, PRKCD, PSMA3, PSMB4, PSMB8, PSMB9, RNASEH2A, RNASEH2B, RNASEH2C, SAMHD1, SPINK5, STAT1, STAT2, STAT3, STAT5B, TMEM173, TREX1, TYK2, USP18

Additional analyses

For further information and advice please do not hesitate to contact our Diagnostic Support team.

www.cegat.de/en/diagnostic-support · diagnostic-support@cegat.de · Phone +49 7071 565 44-55