

Current list of procedures in the accreditation area D-PL-13206-01-00

Valid from: 15.03.2024

CeGaT GmbH
Paul-Ehrlich-Straße 23, 72076 Tübingen

Examinations in the field of:

Healthcare (nucleic acid analysis)

Healthcare (medical laboratory tests in the context of clinical studies)

Test areas:

Nucleic acid analysis

Human Genetics (Molecular Human Genetics)

Human genetics (cytogenetics)

Within the test areas marked with **, the laboratory is permitted to modify, further develop and develop new test methods without having to inform and obtain prior approval from DAkkS GmbH.
The test methods listed are examples. The laboratory has an up-to-date list of all test methods within the flexible scope of accreditation.

Area: Healthcare (nucleic acid analysis)

Test area: Nucleic acid analysis

Test type:

Nucleic acid amplification (incl. purification and enrichment)**

Analyte (measured variable)	Test objects (matrix)	Testing technology	Instruction/ Version	Device
SNPs, copy number change	DNA, DNA from tissue, FFPE, blood, plasma, serum, cell culture	ddPCR	L-MG-0001 (V19), L-MG-0001a (V10), L-MG-0001b (V06), L-MG-0001c (V03), L-MG-0001d (V05), L-MG-0001e (V05), L-MG-0001f (V05), L-MG-0001i (V04), L-MG-0001k (V05), L-MG-0028b (V01), L-MG-0028c (V01), L-MG-0028d (V01), L-MG-0028e (V01), L-MG-0028a (V07), L-MG-0051 (V09), L-MG-0065 (V05), L-MG-0066 (V06), PS-0004 (V11), QM-0018 (V30)	Cycler Bio Rad (C1000 Touch), Droplet Generator QX200, Droplet Reader QX200

Test type:

High-throughput sequencing incl. preparation and data analysis**

Analyte (measurand)	Test objects (matrix)	Testing technology	Instruction/ Version	Device
DNA-/RNA-Sequenz Genome Sequencing Exome Sequencing Transcriptome Sequencing Panel Sequencing Ready to Load Sequencing Small RNA Sequencing Single-cell RNA Sequencing Methylation Sequencing Full-Length 16 S Sequencing Shotgun Metagenomic Sequencing Comprehensive Tumor Profiling Liquid Biopsy TSO 500 HLA Typing TCR Sequencing Single-Cell Immune Profiling	DNA or RNA from blood, plasma, serum, tissue, FFPE, bacteria, stool samples as well as NGS library, PCR products, plasmid DNA	Illumina platforms (NovaSeq/MiSeq) incl. sample preparation, library creation, quality controls and Bio-IT analysis	L-MG-0001 (V19), L-MG-0001a (V10), L-MG-0001b (V06), L-MG-0001c (V03), L-MG-0001d (V05), L-MG-0001e (V05), L-MG-0001f (V05), L-MG-0001g (V08), L-MG-0001i (V04), L-MG-0001j (V06), L-MG-0001k (V05) L-MG-0001m (V08), L-MG-0001p (V04), L-MG-0008 (V07), L-MG-0011 (V07), L-MG-0014 (V11), L-MG-0015 (V08), L-MG-0022 (V12), L-MG-0028b (V01), L-MG-0028c (V01), L-MG-0028d (V01), L-MG-0028e (V01), L-MG-0028a (V07), L-MG-0035 (V05), L-MG-0045 (V13), L-MG-0045a (V04), L-MG-0045b (V03), L-MG-0046 (V08), L-MG-0047 (V10), L-MG-0048 (V08), L-MG-0049 (V10), L-MG-0050 (V11), L-MG-0052 (V10), L-MG-0054 (V08), L-MG-0057 (V09), L-MG-0060 (V07), L-MG-0061 (V09), L-MG-0064 (V03), L-MG-0067 (V10), L-MG-0069 (V04), L-MG-0070 (V06), L-MG-0090 (V04), L-MG-0091 (V02), L-MG-0093 (V01), L-MG-0094 (V01), L-MG-0095 (V01), L-MG-0098 (V03), L-MG-0099 (V03), PS-0004 (V11), QM-0018 (V30), BI-0011 (V11)	Hamilton (Pipetting robot), MiSeq, NovaSeq 6000, NovaSeq X Plus, Sequel IIe, ThermoCycler

Area: Healthcare (medical laboratory tests as part of clinical studies)

Test area: Human genetics (molecular human genetics)

Test type: Molecular biological tests (amplification method) **

Analyte (measurand)	Test material (matrix)	Testing technology	Instruction/ Version	Device
Genome Sequencing Exome Sequencing Panel Sequencing Ready to Load Sequencing Methylation Sequencing Comprehensive Tumor Profiling Liquid Biopsy TSO 500 HLA Typing	DNA from blood, plasma, serum, tissue, FFPE, stool samples as well as NGS library, PCR products	Sequencing by synthesis incl. sample preparation, library creation, quality controls and Bio-IT analysis	L-MG-0001 (V19), L-MG-0001a (V10), L-MG-0001b (V06), L-MG-0001c (V03), L-MG-0001d (V05), L-MG-0001e (V05), L-MG-0001f (V05), L-MG-0001j (V06), L-MG-0001k (V05), L-MG-0001p (V04), L-MG-0008 (V07), L-MG-0011 (V07), L-MG-0014 (V11), L-MG-0015 (V08), L-MG-0022 (V12), L-MG-0028b (V01), L-MG-0028c (V01), L-MG-0028d (V01), L-MG-0028e (V01), L-MG-0028a (V07), L-MG-0035 (V05), L-MG-0045 (V13), L-MG-0045a (V04), L-MG-0045b (V03), L-MG-0046 (V08), L-MG-0049 (V10), L-MG-0050 (V11), L-MG-0052 (V10), L-MG-0057 (V09), L-MG-0060 (V07), L-MG-0064 (V03), L-MG-0067 (V10), L-MG-0090 (V04), L-MG-0091 (V02), L-MG-0093 (V01), L-MG-0094 (V01), L-MG-0095 (V01), L-MG-0098 (V03), L-MG-0099 (V03), PS-0004 (V11), QM-0018 (V30), BI-0011 (V11)	Hamilton (Pipetting robot), MiSeq, NovaSeq 6000, NovaSeq X Plus, Sequel IIe, Thermocycler
Transcriptome sequencing Ready to Load sequencing Single-cell RNA sequencing Small RNA sequencing	RNA from blood, plasma, serum, tissue, FFPE, as well as NGS library, PCR products	Sequencing by synthesis incl. sample preparation, library creation, quality controls and Bio-IT analysis	L-MG-0001g (V08), L-MG-0001i (V04), L-MG-0001j (V06), L-MG-0001k (V05), L-MG-0001p (V04), L-MG-0008 (V07), L-MG-0011 (V07), L-MG-0014 (V11), L-MG-0015 (V08), L-MG-0022 (V12), L-MG-0028a (V07), L-MG-0035 (V05), L-MG-0045a (V04), L-MG-0045b (V03), L-MG-0047 (V10), L-MG-0048 (V08), L-MG-0052 (V10), L-MG-0054 (V08), L-MG-0060 (V07), L-MG-0061 (V09), L-MG-0064 (V03), L-MG-0067 (V10), L-MG-0069 (V04), L-MG-0070 (V06), PS-0004 (V11), QM-0018 (V30), BI-0011 (V11)	Hamilton (pipetting robot), MiSeq, NovaSeq 6000, Thermocycler

SNPs, copy number change BAP1, BRAF, CDK4, EGFR, FGFR3, GNA11, GNAQ, JAK2, KIT, KRAS, MAP2K1, MLH1, MYCN, NF1, NRAS, PIK3CA, STAT1, TP53, SLC34A2-Ros1	DNA, DNA from tissue, FFPE, blood, plasma, serum, cell culture	ddPCR	L-MG-0001 (V19), L-MG-0001a (V10), L-MG-0001b (V06), L-MG-0001c (V03), L-MG-0001d (V05), L-MG-0001e (V05), L-MG-0001f (V05), L-MG-0001i (V04), L-MG-0001k (V05), L-MG-0028b (V01), L-MG-0028c (V01), L-MG-0028d (V01), L-MG-0028e (V01), L-MG-0028a (V07) L-MG-0051 (V09), , L-MG-0065 (V05), L-MG-0066 (V06), PS-0004 (V11), QM-0018 (V30)	Cycler Bio Rad (C1000 Touch), Droplet Generator QX200, Droplet Reader QX200
--	---	-------	---	---

Test area: Human genetics (cytogenetics)

Test type: Chromosome analysis

Analyte (measurand)	Test material (matrix)	Testing technology	Instruction/ Version	Device
Copy number change	DNA, DNA from tissue, blood, plasma, serum, cell culture	Comparative genome hybridization on chromosomes (Array CGHAgilent SureScan DX)	L-MG-0001e (V05), L-MG-0001f (V05), L-MG-0001g (V08), L-MG-0021 (V08), L-MG-0021c (V02), L-MG-0028b (V01), L-MG-0028c (V01), L-MG-0028d (V01), L-MG-0028e (V01), L-MG-0028a (V07), L-MG-0052 (V10)	Array hybridization oven, SureScan DX microarray scanner