

Standort: Horbeller Straße 18 - 20, 50858 Köln

Untersuchungsgebiet: Klinische Chemie

Untersuchungsart:

Chromatographie (Gaschromatographie-Massenspektrometrie (GC-MS))\*\*

Analyt (Messgröße)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/Version	Gerät	Gerät
Cannabinoide (Cannabinol, Cannabidiol)	Haare	GC/MS, GC-MS/MS	AM-TX-101G, -107H, -113H	AG-TX-103C	QP2010 / GCMS
Cannabinoide (THC)	Serum, Haare, Plasma	GC/MS, GC-MS/MS	AM-TX-101G, -107H, -113H	AG-TX-103C	QP2010 / GCMS
Cannabinoide (THC-COOH)	Urin	GC/MS, GC-MS/MS	AM-TX-101G, -107H, -113H	AG-TX-103C	QP2010 / GCMS
Cannabinoide (THC-OH)	Serum, Plasma	GC/MS, GC-MS/MS	AM-TX-101G, -107H, -113H	AG-TX-103C	QP2010 / GCMS

Untersuchungsart:

Chromatographie (Flüssigkeitschromatographie-Massenspektrometrie (LC-MS, LC-MS/MS))\*\*

Analyt (Messgröße)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/Version	Gerät	Gerät
17-OH-Progesteron	Serum, EDTA-Plasma	LCMS	AM-TX-136B	AG-TX-110B	API 5500 Triple Quad
25OH-VitaminD	Serum	LCMS	AM-TX-143B	AG-TX-108C, -109B	API 5500 Qtrap API 5500 Triple Quad
6-Acetylmorphin	Urin, Serum, Haare	LCMS	AM-TX-118D, -119F, -120G	AG-TX-101D	API 3200
9-Hydroxyrisperidon	Serum	LCMS	AM-TX-104D	AG-TX-102E	API 4000
Amisulprid	Serum	LCMS	AM-TX-121C	AG-TX-101D	API 3200
Amitriptylin	Serum	LCMS	AM-TX-117B	AG-TX-102E	API 4000
Amphetamine (Amphetamin, Methamphetamine, MDMA, MDA, MDEA)	Urin, Serum, Haare, Plasma	LC-MS/MS	AM-TX-118D, -119F, -120G	AG-TX-101D	API 3200
Androstendion	Serum, EDTA-Plasma	LCMS	AM-TX-136B	AG-TX-110B	API 5500 Triple Quad
Aripiprazol	Serum	LCMS	AM-TX-104D	AG-TX-101D	API 3200
Benzodiazepine (Alprazolam)	Haare, Serum, Plasma	LC-MS/MS	AM-TX-111D, -139C	AG-TX-101D, -102E	API 3200, API 4000
Benzodiazepine (Diazepam, Nordiazepam, Oxazepam, Bromazepam, Flunitrazepam, 7-Aminoflunitrazepam, Lorazepam, Temazepam, Triazolam, Hydroxy-Triazolam, Midazolam, Hydroxy-Midazolam, Clobazam, Norclobazam, Tretrazepam, Desalkylflurazepam, Nitrazepam, Clonazepam, 7-Aminoclonazepam, Lormetazepam), Zopiclon, Zolpidem, Zaleplon	Urin, Serum, Haare, Plasma	LC-MS/MS	AM-TX-111D, -139C	AG-TX-101D, -102E	API 3200, API 4000
Benzodiazepine (Hydroxy-Urin, Serum, Plasma) Alprazolam, Hydroxy-Bromazepam	Urin, Serum, Plasma	LC-MS/MS	AM-TX-111D, -139C	AG-TX-101D, -102E	API 3200, API 4000
Buprenorphin	Urin, Serum	LCMS	AM-TX-148F	AG-TX-102E	API 4000
Carbamazepin epoxid	Serum, EDTA-Plasma	LCMS	AM-TX-112D	AG-TX-101D	API 3200
Chlorprothixen	Serum	LCMS	AM-TX-121C	AG-TX-101D	API 3200
Citalopram	Serum	LCMS	AM-TX-105C	AG-TX-102E	API 4000
Clomipramin	Serum	LCMS	AM-TX-117B	AG-TX-102E	API 4000
Clozapin	Serum	LCMS	AM-TX-104D	AG-TX-102E	API 4000
Cocain und Metabolit	Urin, Serum, Haare	LCMS	AM-TX-118D, -119F, -120G	AG-TX-101D	API 3200

Codein	Urin, Serum, Haare	LCMS	AM-TX-118D, -119F, -120G	AG-TX-101D	API 3200
Cotinin	Urin, Serum	LCMS	AM-TX-124A	AG-TX-102E	API 4000
Desipramin	Serum	LCMS	AM-TX-117B	AG-TX-102E	API 4000
Desmethylclozapin	Serum	LCMS	AM-TX-104D	AG-TX-101D	API 3200
Desmethylsertralin	Serum	LCMS	AM-TX-105C	AG-TX-102E	API 4000
Desmethylvenlafaxin	Serum	LCMS	AM-TX-105C	AG-TX-102E	API 4000
Dihydrocodein	Urin, Serum, Haare	LCMS	AM-TX-118D, -119F, -120G	AG-TX-101D	API 3200
Doxepin	Serum	LCMS	AM-TX-117B	AG-TX-102E	API 4000
Duloxetin	Serum	LCMS	AM-TX-105C	AG-TX-102E	API 4000
EDDP	Urin, Serum, Haare	LCMS	AM-TX-111D, -139C	AG-TX-101D, -102E	API 3200, API 4000
Ethylglucuronid	Urin, Serum, Haare, Plasma	LC-MS/MS	AM-TX-109F, -128C	AG-TX-102E	API 4000
Everolimus	Vollblut	LCMS	AM-TX-115C	AG-TX-102E	API 4000
Felbamat	Serum	LCMS	AM-TX-112D	AG-TX-101D	API 3200
Fluoxetin	Serum	LCMS	AM-TX-105C	AG-TX-102E	API 4000
Flupentixol	Serum, EDTA-Plasma	LCMS	AM-TX-138A	AG-TX-102E	API 4000
Fluphenazin	Serum, EDTA-Plasma	LCMS	AM-TX-138A	AG-TX-102E	API 4000
Fluvoxamin	Serum	LCMS	AM-TX-138A	AG-TX-102E	API 3200
Gabapentin	Serum	LCMS	AM-TX-112D	AG-TX-102E	API 4000
Haloperidol	Serum	LCMS	AM-TX-104D	AG-TX-101D	API 3200
Imipramin	Serum	LCMS	AM-TX-117B	AG-TX-102E	API 4000
Lamotrigin	Serum, EDTA-Plasma	LCMS	AM-TX-112D	AG-TX-101D	API 3200
Levetiracetam	Serum	LCMS	AM-TX-112D	AG-TX-101D	API 3200
Levomepromazin	Serum	LCMS	AM-TX-112D	AG-TX-101D	API 3200
Maprotilin	Serum	LCMS	AM-TX-117B	AG-TX-101D	API 3200
MDA	Urin, Serum, Haare	LCMS	AM-TX-118D, -119F, -120G	AG-TX-101D	API 3200
MDEA	Urin, Serum, Haare	LCMS	AM-TX-118D, -119F, -120G	AG-TX-101D	API 3200
MDMA	Urin, Serum, Haare	LCMS	AM-TX-118D, -119F, -120G	AG-TX-101D	API 3200
Mesuximid	Serum, EDTA-Plasma	LCMS	AM-TX-112D	AG-TX-101D	API 3200
Methadon, EDDP	Urin, Serum, Haare, Plasma	LC-MS/MS	AM-TX-111D, -139C	AG-TX-101D, -102E	API 3200, API 4000
Methamphetamin	Urin, Serum, Haare	LCMS	AM-TX-118D, -119F, -120G	AG-TX-101D	API 3200
Methylmalonsäure	Urin, Serum	LCMS	AM-TX-142B	AG-TX-102E	API 4000
Mianserin	Serum, EDTA-Plasma	LCMS	AM-TX-122B	AG-TX-101D	API 3200
Mirtazapin	Serum	LCMS	AM-TX-105C	AG-TX-102E	API 4000
Morphin	Urin, Serum, Haare	LCMS	AM-TX-118D, -119F, -120G	AG-TX-101D	API 3200
Mycophenolsäure	Serum, EDTA-Plasma	LCMS	AM-TX-116B	AG-TX-101D	API 3200
Nimodipin	Serum, EDTA-Plasma	LCMS	AM-TX-117B	AG-TX-102E	API 4000
Norbuprenorphin	Urin, Serum, Haare	LCMS	AM-TX-148F	AG-TX-102	API 4000
Norclomipramin	Serum	LCMS	AM-TX-117B	AG-TX-102E	API 4000
Norclozapin	Serum	LCMS	AM-TX-104D	AG-TX-101D	API 3200
Nordoxepin	Serum	LCMS	AM-TX-117B	AG-TX-102E	API 4000
Nortriptylin	Serum	LCMS	AM-TX-117B	AG-TX-102E	API 4000
Olanzapin	Serum	LCMS	AM-TX-104D	AG-TX-101D	API 3200
Opiate (Morphin, Codein, Dihydrocodein, 6-Monoacetylmorphin)	Urin, Serum, Haare, Plasma	LC-MS/MS	AM-TX-118D, -119F, -120G	AG-TX-101D	API 3200

Opioide (Buprenorphin, Norbuprenorphin, Tilidin, Nortilidin, Oxycodon, Oxymorphon, Tramadol, O-Desmethyltramadol, Fentanyl, Norfentanyl)	Urin, Haare	LC-MS/MS	AM-TX-135F, -148F	AG-TX-101D	API 3200
Opi Pramol	Serum	LCMS	AM-TX-117B	AG-TX-102E	API 4000
Östron	Serum	LCMS	AM-TX-157E	AG-TX-102E	API 4000
Oxcarbazepin	Serum, EDTA-Plasma	LCMS	AM-TX-112D	AG-TX-101D	API 3200
Paroxetin	Serum	LCMS	AM-TX-105C	AG-TX-102E	API 4000
Perazin	Serum	LCMS	AM-TX-121C	AG-TX-101D	API 3200
Pipamperon	Serum	LCMS	AM-TX-121C	AG-TX-101D	API 3200
Pregabalin	Serum	LCMS	AM-TX-112D	AG-TX-101D	API 3200
Primidon	Serum, EDTA-Plasma	LCMS	AM-TX-112D	AG-TX-101D	API 3200
Promethazin	Serum	LCMS	AM-TX-121C	AG-TX-101D	API 3200
Quetiapin	Serum	LCMS	AM-TX-104D	AG-TX-101D	API 3200
Reboxetin	Serum, EDTA-Plasma	LCMS	AM-TX-122B	AG-TX-101D	API 3200
Risperidon	Serum	LCMS	AM-TX-104D	AG-TX-101D	API 3200
Ritalinsäure	Serum, EDTA-Plasma	LCMS	AM-TX-122B	AG-TX-101D	API 3200
Sertralin	Serum	LCMS	AM-TX-105C	AG-TX-102E	API 4000
Sulpirid	Serum, EDTA-Plasma	LCMS	AM-TX-121C	AG-TX-101D	API 3200
Sultiam	Serum, EDTA-Plasma	LCMS	AM-TX-112D	AG-TX-101D	API 3200
TCA	Urin, Serum	LCMS	AM-TX-117B	AG-TX-102E	API 4000
Tiagabin	Serum	LCMS	AM-TX-112D	AG-TX-101D	API 3200
Topiramate	Serum	LCMS	AM-TX-112D	AG-TX-101D	API 3200
Trazodon	Serum, EDTA-Plasma	LCMS	AM-TX-122B	AG-TX-101D	API 3200
Trimipramin	Serum	LCMS	AM-TX-117B	AG-TX-102E	API 4000
Venlafaxin	Serum	LCMS	AM-TX-105C	AG-TX-102E	API 4000
Ziprasidon	Serum	LCMS	AM-TX-121C	AG-TX-102E	API 4000
Zolpidem	Urin, Serum, Haare	LCMS	AM-TX-111D, -139C	AG-TX-101D, -102E	API 3200, API 4000
Zonisamid	Serum	LCMS	AM-TX-112D	AG-TX-101D, -102E	API 3200, API 4000
Zopiclon	Urin, Serum, Haare	LCMS	AM-TX-111D, -139C	AG-TX-102E	API 4000

#### Untersuchungsart:

#### Chromatographie (Hochleistungsflüssigkeitschromatographie (HPLC))\*\*

Analyt (Messgröße)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/Version	Gerät	Gerät
5-Hydroxyindolessigsäure	Urin	HPLC/ECD	AM-TX-150A	AG-TX-121A	HPLC
Adrenalin	Urin	HPLC/ECD	AM-TX-152B	AG-TX-122A	HPLC
Amiodaron	Serum, EDTA-Plasma	HPLC/UV	AM-TX-123D	AG-TX-104B	HPLC / UFLC
CDT	Serum	HPLC/UV	AM-TX-156A	AG-TX-121A	HPLC
Coffein	Serum	HPLC/UV	AM-TX-129B	AG-TX-104B	HPLC / UFLC
Desethylamiodaron	Serum, EDTA-Plasma	HPLC/UV	AM-TX-123D	AG-TX-104B	HPLC / UFLC
Desoxypyridinolin	Urin	HPLC/FL	AM-TX-141A	AG-TX-118A	HPLC
Dopamin	Urin	HPLC/ECD	AM-TX-152B	AG-TX-122A	HPLC
Ethosuximid	Serum, EDTA-Plasma	HPLC/UV	AM-TX-114D	AG-TX-104B	HPLC / UFLC
Heptaporphyrin	Urin	HPLC/FL	AM-TX-140A	AG-TX-118A	HPLC
Hexaporphyrin	Urin	HPLC/FL	AM-TX-140A	AG-TX-118A	HPLC
Homovanillinsäure	Urin	HPLC/ECD	AM-TX-150A	AG-TX-121A	HPLC
Koproporphyrin	Urin	HPLC/FL	AM-TX-140A	AG-TX-118A	HPLC

Metanephrin	Urin	HPLC/ECD	AM-TX-152B	AG-TX-122A	HPLC
Noradrenalin	Urin	HPLC/ECD	AM-TX-152B	AG-TX-122A	HPLC
Normetanephrine	Urin	HPLC/ECD	AM-TX-152B	AG-TX-122A	HPLC
Pentaporphyrin	Urin	HPLC/FL	AM-TX-140A	AG-TX-118A	HPLC
Porphyrine, gesamt	Urin	HPLC/FL	AM-TX-140A	AG-TX-118A	HPLC
Pyridinolin	Urin	HPLC/FL	AM-TX-141A	AG-TX-118A	HPLC
Salicylat	Serum, EDTA-Plasma	HPLC/UV	AM-TX-130B	AG-TX-104B	HPLC / UFLC
Serotonin	Serum, Urin	HPLC/ECD	AM-TX-155A	AG-TX-121A	HPLC
Uroporphyrin	Urin	HPLC/FL	AM-TX-140A	AG-TX-118A	HPLC
Vanillinmandelsäure	Urin	HPLC/ECD	AM-TX-150A	AG-TX-121A	HPLC
Vitamin A	Serum, EDTA-Plasma	HPLC/UV	AM-TX-146A	AG-TX-119A	HPLC
Vitamin B1	Vollblut	HPLC/FL	AM-TX-147B	AG-TX-119A	HPLC
Vitamin B2	Serum, Vollblut	HPLC/FL	AM-TX-149A	AG-TX-118A	HPLC
Vitamin B6	EDTA-Plasma	HPLC/FL	AM-TX-147B	AG-TX-120A	HPLC
Vitamin C	Serum, Heparin-Plasma	HPLC/UV	AM-TX-145A	AG-TX-118A	HPLC
Vitamin E	Serum, EDTA-Plasma	HPLC/UV	AM-TX-146A	AG-TX-119A	HPLC

#### Untersuchungsart:

#### Spektrometrie (Induktiv gekoppelte Plasma-Massenspektrometrie (ICP-MS))\*\*

Analyt (Messgröße)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/Version	Gerät	Gerät
Aluminium	Serum, Urin	ICP-MS	AM-TX-133D, -134C	AG-TX-135A, -136A	ICP-MS-1, ICP-MS-2
Antimon	Serum	ICP-MS	AM-TX-134C	AG-TX-135A, -136A	ICP-MS-1, ICP-MS-2
Arsen	Serum, Urin, Vollblut	ICP-MS	AM-TX-133D, -134C, -137D	AG-TX-135A, -136A	ICP-MS-1, ICP-MS-2
Barium	Serum	ICP-MS	AM-TX-134C	AG-TX-135A, -136A	ICP-MS-1, ICP-MS-2
Blei	Urin, Vollblut	ICP-MS	AM-TX-133D, -137D	AG-TX-135A, -136A	ICP-MS-1, ICP-MS-2
Cadmium	Serum, Urin, Vollblut	ICP-MS	AM-TX-133D, -134C, -137D	AG-TX-135A, -136A	ICP-MS-1, ICP-MS-2
Chrom	Serum, Urin, Vollblut	ICP-MS	AM-TX-133D, -134C, -137D	AG-TX-135A, -136A	ICP-MS-1, ICP-MS-2
Cobalt	Serum, Urin, Vollblut	ICP-MS	AM-TX-133D, -134C, -137D	AG-TX-135A, -136A	ICP-MS-1, ICP-MS-2
Gold	Serum	ICP-MS	AM-TX-134C	AG-TX-135A, -136A	ICP-MS-1, ICP-MS-2
Jod	Serum, Urin	ICP-MS	AM-TX-133D, -134C	AG-TX-135A, -136A	ICP-MS-1, ICP-MS-2
Kalium	Vollblut	ICP-MS	AM-TX-137D	AG-TX-135A, -136A	ICP-MS-1, ICP-MS-2
Kupfer	Serum, Urin, Vollblut	ICP-MS	AM-TX-133D, -134C, -137D	AG-TX-135A, -136A	ICP-MS-1, ICP-MS-2
Magnesium	Vollblut	ICP-MS	AM-TX-137D	AG-TX-135A, -136A	ICP-MS-1, ICP-MS-2
Mangan	Serum, Urin, Vollblut	ICP-MS	AM-TX-133D, -134C, -137D	AG-TX-135A, -136A	ICP-MS-1, ICP-MS-2
Molybdän	Serum, Urin	ICP-MS	AM-TX-133D, -134C	AG-TX-135A, -136A	ICP-MS-1, ICP-MS-2
Nickel	Serum, Urin, Vollblut	ICP-MS	AM-TX-133D, -134C, -137D	AG-TX-135A, -136A	ICP-MS-1, ICP-MS-2
Palladium	Serum, Vollblut	ICP-MS	AM-TX-134C, -137D	AG-TX-135A, -136A	ICP-MS-1, ICP-MS-2
Platin	Serum	ICP-MS	AM-TX-134C	AG-TX-135A, -136A	ICP-MS-1, ICP-MS-2
Quecksilber	Serum, Urin, Vollblut	ICP-MS	AM-TX-133D, -134C, -137D	AG-TX-135A, -136A	ICP-MS-1, ICP-MS-2
Selen	Serum, Urin, Vollblut	ICP-MS	AM-TX-133D, -134C, -137D	AG-TX-135A, -136A	ICP-MS-1, ICP-MS-2
Thallium	Vollblut	ICP-MS	AM-TX-137D	AG-TX-135A, -136A	ICP-MS-1, ICP-MS-2
Titan	Serum	ICP-MS	AM-TX-134C	AG-TX-135A, -136A	ICP-MS-1, ICP-MS-2
Vanadium	Serum, Urin	ICP-MS	AM-TX-133D, -134C	AG-TX-135A, -136A	ICP-MS-1, ICP-MS-2
Zink	Serum, Urin, Vollblut	ICP-MS	AM-TX-133D, -134C, -137D	AG-TX-135A, -136A	ICP-MS-1, ICP-MS-2
Zinn	Serum	ICP-MS	AM-TX-134C	AG-TX-135A, -136A	ICP-MS-1, ICP-MS-2

**Untersuchungsart:****Durchflusszytometrie (inkl. Partikeleigenschaftsbestimmung)\***

Analyt (Messgröße)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/Version	Gerät	Gerät
Basophile	EDTA-Blut	Widerstandsmessung, Durchflusszytometrie	AM-LG-205F	AG-LG-149B	XN-Serie
Basophile absolut	EDTA-Blut	Widerstandsmessung, Durchflusszytometrie	AM-LG-205F	AG-LG-149B	XN-Serie
Eosinophile	EDTA-Blut	Widerstandsmessung, Durchflusszytometrie	AM-LG-205F	AG-LG-149B	XN-Serie
Eosinophile absolut	EDTA-Blut	Widerstandsmessung, Durchflusszytometrie	AM-LG-205F	AG-LG-149B	XN-Serie
Erythrozyten	EDTA-Blut	Widerstandsmessung, Durchflusszytometrie	AM-LG-205F	AG-LG-149B	XN-Serie
Erythrozytenverteilungsbreite (RDW)	EDTA-Blut	Widerstandsmessung	AM-LG-205F	AG-LG-149B	XN-Serie
Hämatokrit	EDTA-Blut	kumulative Impulshöhen summierung der RBC, Widerstandsmessung	AM-LG-205F	AG-LG-149B	XN-Serie
IPF	EDTA-Blut	Widerstandsmessung, Durchflusszytometrie	AM-LG-205F	AG-LG-149B	XN-Serie
Leukozyten	EDTA-Blut	Widerstandsmessung, Durchflusszytometrie	AM-LG-205F	AG-LG-149B	XN-Serie
Leukozyten Body Fluid	Punktat, Liquor, Dialysat, Drainage	Durchflusszytometrie	AM-KH-135B	AG-KH-121A, -122B	XN-Serie
Lymphozyten	EDTA-Blut	Widerstandsmessung, Durchflusszytometrie	AM-LG-205F	AG-LG-149B	XN-Serie
Lymphozyten absolut	EDTA-Blut	Widerstandsmessung, Durchflusszytometrie	AM-LG-205F	AG-LG-149B	XN-Serie
MN (mononukleare Zellen)	Punktat, Liquor, Dialysat, Drainage	Durchflusszytometrie	AM-KH-135B	AG-KH-121A, -122B	XN-Serie
Monozyten	EDTA-Blut	Widerstandsmessung, Durchflusszytometrie	AM-LG-205F	AG-LG-149B	XN-Serie
Monozyten absolut	EDTA-Blut	Widerstandsmessung, Durchflusszytometrie	AM-LG-205F	AG-LG-149B	XN-Serie
Neutrophile	EDTA-Blut	Widerstandsmessung, Durchflusszytometrie	AM-LG-205F	AG-LG-149B	XN-Serie
Neutrophile absolut	EDTA-Blut	Widerstandsmessung, Durchflusszytometrie	AM-LG-205F	AG-LG-149B	XN-Serie
PMN (polymorphkernige Zellen)	Punktat, Liquor, Dialysat, Drainage	Durchflusszytometrie	AM-KH-135B	AG-KH-121A, -122B	XN-Serie
Retikulozyten	EDTA-Blut	Fluoreszenzmessung	AM-LG-205F	AG-LG-149B	XN-Serie
Retikulozyten-Hämglobin- Äquivalent RET-HE	EDTA-Blut	Widerstandsmessung, Durchflusszytometrie	AM-LG-205F	AG-LG-149B	XN-Serie
Thrombozyten	EDTA-Blut, Citrat-Blut	Widerstandsmessung	AM-LG-205F	AG-LG-149B	XN-Serie
Zellen	Liquor	Durchflusszytometrie	AM-KH-135B	AG-KH-121A, -122B	XN-Serie

**Untersuchungsart:****Elektrochemische Untersuchungen\***

Analyt (Messgröße)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/Version	Gerät	Gerät
Chlorid	Serum, Heparin-Plasma, Urin	indirekte Messung ionenselektive Elektrode	AM-LG-101I	AG-LG-116N	AU 5800
Kalium	Serum, Heparin, Urin	indirekte Messung ionenselektive Elektrode	AM-LG-101I	AG-LG-116N	AU 5800
Natrium	Serum, Heparin, Urin	indirekte Messung ionenselektive Elektrode	AM-LG-101I	AG-LG-116N	AU 5800

**Untersuchungsart:****Elektrophorese\***

Analyt (Messgröße)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/Version	Gerät	Gerät
AP-Isoenzyme	Serum	Zonenelektrophorese	AM-EX-145G	AG-EX-130F	Hydrasis
CK-Isoenzyme	Serum	Zonenelektrophorese	AM-EX-146G	AG-EX-130F	Hydrasis
Hämoglobin - Fraktionen	EDTA-Blut	Zonenelektrophorese	AM-EX-142G	AG-EX-130F	Hydrasis
Protein-Fraktionen	Serum, Heparin	Kapillarelektrophorese	AM-LG-143G	AG-LG-151C	Capilarys 3 Tera

**Untersuchungsart:****Elektrophorese\*\***

Analyt (Messgröße)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/Version	Gerät	Gerät
Protein-Fraktionen	Punktat	Kapillarelektrophorese	AM-LG-143G	AG-LG-151C	Capilarys 3 Tera

**Untersuchungsart:****Koagulometrie\***

Analyt (Messgröße)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/Version	Gerät	Gerät
APC-Resistenz (V)	Citrat-Plasma	Clottingtest	AM-EX-158C	AG-EX-148A	ACLTOP700
Faktor II	Citrat-Plasma	Clottingtest	AM-EX-168A	AG-EX-144B, -148A	ACL Top 500/700
Faktor IX	Citrat-Plasma	Clottingtest	AM-EX-162A	AG-EX-148A	ACLTop 700
Faktor V	Citrat-Plasma	Clottingtest	AM-EX-168A	AG-EX-144B, -148A	ACL Top 500/700
Faktor VII	Citrat-Plasma	Clottingtest	AM-EX-168A	AG-EX-144B, -148A	ACL Top 500/700
Faktor VIII	Citrat-Plasma	Clottingtest	AM-EX-162A	AG-EX-148A	ACLTop 700
Faktor X	Citrat-Plasma	Clottingtest	AM-EX-168A	AG-EX-144B, -148A	ACL Top 500/700
Faktor XI	Citrat-Plasma	Clottingtest	AM-EX-168A	AG-EX-144B, -148A	ACL Top 500/700
Faktor XII	Citrat-Plasma	Clottingtest	AM-EX-168A	AG-EX-144B, -148A	ACL Top 500/700
Fibrinogen	Citrat-Plasma	Clottingtest	AM-LG-300Q	AG-LG-152B	ACL TOP750 LAS
Lupus-Antikoagulans	Citrat-Plasma	Clottingtest	AM-EX-163A	AG-EX-148A	ACLTop 700
Partielle Thromboplastinzeit (PTT)	Citrat-Plasma	Clottingtest	AM-LG-300Q	AG-LG-152B	ACL TOP750 LAS
Quick	Citrat-Plasma	Clottingtest	AM-LG-300Q	AG-LG-152B	ACL TOP750 LAS
Thrombinzeit (TZ)	Citrat-Plasma	Clottingtest	AM-LG-300Q	AG-LG-152B	ACL TOP750 LAS

**Untersuchungsart:****Aggregometrie\***

Analyt (Messgröße)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/Version	Gerät	Gerät
PFA	Citrat-Plasma	Aggregometrie	AM-EX-179A	AG-EX-141B	PFA-Analyzer
Protein-S-Aktivität	Citrat-Plasma	Clottingtest	AM-EX-158C	AG-EX-148A	BCS
Thrombozytenaggregationstest	Citrat-Plasma	Aggregometrie	AM-EX-155C	AG-EX-136C	APACT

**Untersuchungsart:****Ligandenassays\***

Analyt (Messgröße)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/Version	Gerät	Gerät
ACTH	EDTA-Plasma	CLIA	AM-EX-161C	AG-EX-145B	LIAISON
AFP	Serum, EDTA-, Heparin-Plasma	ECLIA	AM-LG-119D	AG-LG-150C	Cobas 8000
AFP	Fruchtwasser	CMIA	AM-EX-129U	AG-EX-159A	Alinity
AFP a-Fetoprotein, SSW + NIS	Serum	CMIA	AM-NA-186A	AG-NA-207E	Atellica
Aldosteron	Serum, EDTA-Plasma	EIA	AM-EX-135L	AG-EX-145B	Liaison
AMH	Serum, Heparin	ECLIA	AM-NA-185B	AG-NA-117H	Cobas 8000
Biotin	Serum, Plasma	ELISA	AM-SE-210C	AG-SE-105F	manuell
CA 12-5	Serum, EDTA, Heparin	CLIA	AM-NA-198D	AG-NA-207E	Atellica
CA 12-5	Serum, EDTA-, Heparin-Plasma	ECLIA	AM-LG-119D	AG-LG-150C	Cobas 8000
CA 15-3	Serum, EDTA, Heparin	CLIA	AM-NA-198D	AG-NA-207E	Atellica
CA 15-3	Serum, EDTA-, Heparin-Plasma	ECLIA	AM-LG-119D	AG-LG-150C	Cobas 8000
CA 19-9	Serum, Heparin, EDTA	ECLIA	AM-NA-180B	AG-NA-117H	Cobas 8000
CA 19-9	Serum, EDTA-, Heparin-Plasma	ECLIA	AM-LG-119D	AG-LG-150C	Cobas 8000
CA 50	Serum, Plasma	IRMA	AM-NA-103R	AG-NA-118C	Gammacounter
CA 72-4	Serum, Heparin-, EDTA-Plasma	ECLIA	AM-NA-178B	AG-NA-117H	Cobas 8000
CA19-9	Serum, Heparin, EDTA	ECLIA	AM-NA-126D	AG-NA-117H	cobas8000
Calcitonin	Serum	CLIA	AM-EX-159C	AG-EX-145B	LIAISON
Calprotectin	Stuhl	ELISA	AM-MI-532	AG-MI-108	DSX
Carbamazepin	Serum, EDTA-Plasma	PETINIA	AM-EX-120G	AG-EX-158A	Alinity
CCP	Serum, Plasma	ELISA	AM-SE-189C	AG-SE-256C	Workstation Elisa
CEA	Serum, EDTA, Heparin	CLIA	AM-NA-196B	AG-NA-207E	Atellica
CEA	Serum, EDTA-, Heparin-Plasma	ECLIA	AM-LG-119D	AG-LG-150C	Cobas 8000
Chromogranin A	Serum	FIA	AM-EX-173B	AG-EX-160A	Kryptor gold
Copeptin	Serum	Trace	AM-EX-181A	AG-EX-160A	Kryptor gold
Cortisol	Serum, Heparin-, EDTA-Plasma	CLIA	AM-NA-195C	AG-NA-207E	Atellica
Cortisol, freies	Urin	CMIA	AM-EX-129U	AG-EX-159A	Alinity
Covid 19 IgG	Trockenblut	ELISA	AM-SE-233A	AG-SE-256C, -156A	DBS-Puncher/Euro Workstation
Covid 19 IgG II quant	Serum, Plasma	CMIA	AM-SE-234B	AG-SE-126H	Alinity
Covid 19 IgM	Serum, EDTA-, Heparin-Plasma	CMIA	AM-SE-234B	AG-SE-126H	Alinity
Covid 19 IgG	Serum, Plasma	Blot	AM-SE-213G	AG-SE-120C	ProfiBlot48
C-Peptid	Serum	CLIA	AM-EX-135L	AG-EX-145B	Liaison
Cyclosporin	EDTA-Blut	CMIA	AM-EX-129U	AG-EX-159A	Alinity
Cyfra 21-1	Serum, Heparin-, EDTA-Plasma	ECLIA	AM-NA-179B	AG-NA-117H	Cobas 8000
D-Dimere	Citratplasma		AM-EX-183A	AG-EX-165A	Mini-Vidas
DHEA	Serum, EDTA-, Heparin-Plasma	ECLIA	AM-LG-119D	AG-LG-150C	Cobas 8000

DHEA-Sulfat	Serum, Heparin-Plasma, EDTA-Plasma	CLIA	AM-NA-194B	AG-NA-207E	Atellica
Diaminoxidase	Serum	Elisa	AM-SE-318C	AG-SE-105F	Sunrise
Digitoxin	Serum, EDTA-Plasma	CLIA	AM-KH-122C	AG-KH-123C	Cobas 8000
Digoxin	Serum	CLIA	AM-KH-122C	AG-KH-123C	Cobas 8000
Dipropylacetat	Serum, EDTA-Plasma	FPIA	AM-KH-143A	AG-KH-123C	Cobas 8000
E3 östriol, freies / NIS	Serum	CLIA	AM-NA-159D	AG-NA-113F	Immulite
Erythropoietin	Serum, Heparin (Li NA), EDTA (Dikalium)	CLIA	AM-NA-189B	AG-NA-207E	Atellica
Folsäure	Serum, Heparin-Plasma	ECLIA	AM-LG-119D	AG-LG-150C	Cobas 8000
Folsäure	Serum	CLIA	AM-NA-192C	AG-NA-207E	Atellica
freies PSA	Serum	CLIA	AM-NA-190B	AG-NA-207E	Atellica
freies PSA	Serum, EDTA-, Heparin-Plasma	ECLIA	AM-LG-119D	AG-LG-150C	Cobas 8000
freies Testosteron	Serum	RIA	AM-NA-142H	AG-NA-118C	Gammacounter
FSH	Serum, Heparin-, EDTA-Plasma	CLIA	AM-NA-187C	AG-NA-207E	Atellica
FSH	Serum, EDTA-, Heparin-Plasma	ECLIA	AM-LG-119D	AG-LG-150C	Cobas 8000
FT3	Serum, Heparin-, EDTA-Plasma	CLIA	AM-NA-193D	AG-NA-207E	Atellica
FT3	Serum, EDTA-, Heparin-Plasma	ECLIA	AM-LG-119D	AG-LG-150C	Cobas 8000
FT4	Serum, EDTA-Plasma, Heparin-Plasma	CLIA	AM-NA-193D	AG-NA-207E	Atellica
FT4	Serum, EDTA-, Heparin-Plasma	ECLIA	AM-LG-119D	AG-LG-150C	Cobas 8000
Gastrin	Serum	CLIA	AM-NA-151G	AG-NA-113	Immulite
Gentamycin	Serum, EDTA-Plasma	EIA	AM-KH-143A	AG-KH-123C	Cobas 8000
Hämoglobin im Stuhl	Stuhl	ELISA	MI-MI-536A	AG-MI-108D	DSX
Hämoglobin/Haptoglobin-Komplex	Stuhl	ELISA	AM-MI-534A	Ag-MI-108D	DSX
HE4	Serum, EDTA-Plasma, Heparin	ECLIA	AM-NA-176B	AG-NA-117H	Cobas 8000
hGh	Serum	CLIA	AM-EX-161C	AG-EX-145B	LIAISON
Holotranscobalamin	Serum, Li-Heparinplasma	CMIA	AM-EX-102T	AG-EX-159A	Alinity
Homocystein	Serum, EDTA-Plasma	CMIA	AM-EX-129U	AG-EX-159A	Alinity
HTG	Serum, EDTA-, Heparin-Plasma	ECLIA	AM-LG-119D	AG-LG-150C	Cobas 8000
IgF-I	Serum	CLIA	AM-EX-161C	AG-EX-145B	LIAISON
Insulin	Serum, Plasma	CLIA	AM-EX-160C	AG-EX-145B	LIAISON
Insulin	Serum, EDTA-, Heparin-Plasma	ECLIA	AM-LG-119D	AG-LG-150C	Cobas 8000
Interleukin 6	Serum, EDTA-Plasma	ECLIA	AM-KH-142B	AG-KH-123C	Cobas 8000
Intrinsicfaktor	Serum, Plasma	ELISA	AM-SE-230D	AG-SE-256C	Workstation Elisa
Laktoferrin	Stuhl	ELISA	AM-MI-533A	AG-MI-108D	DSX
LH	Serum, Heparin-, EDTA-Plasma	CLIA	AM-NA-187C	AG-NA-207E	Atellica
LH	Serum, EDTA-, Heparin-Plasma	ECLIA	AM-LG-119D	AG-LG-150C	Cobas 8000
löslicher Interleukin-2-Rezeptor	Serum	CLIA	AM-NA-149I	AG-NA-113F	Immulite
Methotrexat	Serum, Plasma	CMIA	AM-EX-120G	AG-EX-159A	Alinity
Myoglobin	Serum, EDTA-, Heparin-Plasma	ECLIA	AM-LG-119D	AG-LG-150C	Cobas 8000
NSE	Serum, Liquor	CLIA	AM-EX-160C	AG-EX-145B	LIAISON
NT-Pro BNP	Serum, EDTA-, Heparin-Plasma	ECLIA	AM-LG-119D	AG-LG-150C	Cobas 8000
Ostase	Serum	CLIA	AM-EX-135L	AG-EX-145B	Liaison
Osteocalcin	Serum	CLIA	AM-EX-160C	AG-EX-145B	LIAISON
Osteocalcin	Serum, EDTA-, Heparin-Plasma	ECLIA	AM-LG-119D	AG-LG-150C	Cobas 8000
Östradiol	Serum, Heparin-, EDTA-Plasma	CLIA	AM-NA-197B	AG-NA-207E	Atellica
Östradiol	Serum, EDTA-, Heparin-Plasma	ECLIA	AM-LG-119D	AG-LG-150C	Cobas 8000
Pankreat. Elastase 1	Stuhl	ELISA	AM-MI-535A	AG-MI-108D	DSX
PAPP-A	Serum	FIA	AM-EX-175B	AG-EX-160A	Kryptor gold



Parathormon (intakt)	Serum, EDTA-Plasma,HeparinNA/LI	CLIA	AM-NA-191B	AG-NA-207E	Atellica
Phenobarbital	Serum, Plasma	PETINIA	AM-EX-120G	AG-EX-158A	Alinity
Phenytoin / Diphenylhydantoin (DPHYD)	Serum, Plasma	PETINIA	AM-EX-120G	AG-EX-158A	Alinity
Procalcitonin (PCT)	Serum, EDTA-, Heparin-Plasma	ECLIA	AM-LG-119D	AG-LG-150C	Cobas 8000
Progesteron	Serum, Heparin-, EDTA-Plasma	CLIA	AM-NA-197B	AG-NA-207E	Atellica
Progesteron	Serum, EDTA-, Heparin-Plasma	ECLIA	AM-LG-119D	AG-LG-150C	Cobas 8000
Prolaktin	Serum, EDTA-, Heparin-Plasma	ECLIA	AM-LG-119D	AG-LG-150C	Cobas 8000
Prolaktin	Serum, Heparin-, EDTA-Plasma	CLIA	AM-NA-187C	AG-NA-207E	Atellica
Prostata Phosphatase (PAP)	Serum	CLIA	AM-NA-162F	AG-NA-113F	Immulite
Prostata spezifisches Antigen (PSA)	Serum, EDTA-, Heparin-Plasma	ECLIA	AM-LG-119D	AG-LG-150C	Cobas 8000
Prostata spezifisches Antigen (PSA)	Serum	CLIA	AM-NA-196B	AG-NA-207E	Atellica
Proteinase 3 (PR3)	Serum, Plasma	ELISA	AM-SE-205E	AG-SE-124D	Euroanalyser
Protein-S-100	Serum	CLIA	AM-EX-135L	AG-EX-145B	Liaison
Renin	EDTA-Blut	CLIA	AM-EX-135L	AG-EX-145B	Liaison
Sexualhormonbindendes Globulin (SHBG)	Serum, Lithium-Heparin-Plasma	CLIA	AM-NA-188B	AG-NA-207E	Atellica
Sexualhormonbindendes Globulin (SHBG)	Serum, Heparin-Plasma	ECLIA	AM-LG-119D	AG-LG-150C	Cobas 8000
Sirolimus	EDTA-Blut	CMIA	AM-EX-129U	AG-EX-159A	Alinity
SLA	Serum, Plasma	ELISA	AM-SE-173J	AG-SE-256C	Workstation Elisa
SLA	Serum, Plasma	Lineassay	AM-SE-313D	AG-SE-256C	EoroBlotter
Squamous-cell-carcinoma (SCCA)	Serum, EDTA-, Heparin-Plasma	CMIA	AM-EX-129U	AG-EX-159A	Alinity
β2-Mikroglobulin	Serum, Urin	CLIA	AM-EX-160C	AG-EX-145B	LIAISON
β-Crosslaps	Serum, EDTA-, Heparin-Plasma	ECLIA	AM-LG-119D	AG-LG-150C	Cobas 8000
β-HCG	Serum, EDTA-, Heparin-Plasma	ECLIA	AM-LG-119D	AG-LG-150C	Cobas 8000
β-HCG	Serum, EDTA-Plasma,Heparin	ECLIA	AM-NA-183B	AG-NA-117H	cobas 8000
β-HCG, freies	Serum	FIA	AM-EX-174B	AG-EX-160A	Kryptor gold
Tacrolimus II	EDTA-Blut	CMIA	AM-EX-129U	AG-EX-159A	Alinity
Testosteron	Serum, EDTA-, Heparin-Plasma	ECLIA	AM-LG-119D	AG-LG-150C	Cobas 8000
Testosteron	Serum, Heparin (Li-NA),EDTA	CLIA	AM-NA-197B	AG-NA-207E	Atellica
Theophyllin	Serum , Heparin-, EDTA-Plasma	EIA	AM-KH-143A	AG-KH-123C	Cobas 8000
Thrombozytenfunktionstest	Citrat-Plasma	Aggregometrie	AM-EX-179A	AG-EX-142B	Multiplate
Thymidinkinase	Serum	CLIA	AM-EX-135L	AG-EX-145B	Liaison
Thyreoglobulin (Tg)	Seum, EDTA-Plasma,Heparin	ECLIA	AM-NA-182B	AG-NA-117H	cobas 8000
Tissue-Polypeptid-Antigen (TPA)	Serum	CLIA	AM-EX-135L	AG-EX-145B	Liaison
Troponin T hs	Serum, EDTA-, Heparin-Plasma	ECLIA	AM-LG-119D	AG-LG-150C	Cobas 8000
Tryptase	Serum	FEIA	AM-EX-137G	AG-EX-162B	Immuno CAP1000
TSH	Serum, EDTA-, Heparin-Plasma	ECLIA	AM-LG-119D	AG-LG-150C	Cobas 8000
TSH	Serum, EDTA, Heparin	CLIA	AM-NA-193D	AG-NA-207E	Atellica
Valproinsäure	Serum, EDTA-Plasma	EIA	AM-KH-143A	AG-KH-123C	Cobas 8000
Vitamin B12	Serum, EDTA-, Heparin-Plasma	ECLIA	AM-LG-119D	AG-LG-150C	Cobas 8000
Vitamin B12	Serum , Heparin-, EDTA-Plasma	CLIA	AM-NA-192C	AG-NA-207E	Atellica
Vitamin D3 1.25	Serum	CLIA	AM-EX-159C	AG-EX-145B	LIAISON

**Untersuchungsart:****Mikroskopie\***

Analyt (Messgröße)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/Version	Gerät	Gerät
Akute Leukämie (Peroxidase-, Ersterasenachweis; Eisen-Färbung)	EDTA-Blut	Hellfeldmikroskopie	AM-HO-112D	AG-HO-107	Mikroskop
Alkalische Leukozytenphosphatase	EDTA-Blut	Hellfeldmikroskopie	AM-HO-112D	AG-HO-107	Mikroskop
mikrosk. Differential-Blutbild	EDTA-Blut	Mikroskopie	AM-LG-129F	AG-LG-140E	DI-10
Punktatanalyse	Punktat	Hellfeldmikroskopie	AM-SE-181C	AG-SE-102E	Mikroskop
Urinsediment	Spontanurin	Mikroskopie	AM-LG-141F	AG-LG-142D, -144C	UF 5000, U-Wam

**Untersuchungsart:****Osmometrie\***

Analyt (Messgröße)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/Version	Gerät	Gerät
Osmolalität	Serum, Urin	Gefrierpunktmessung	AM-EX-180A	AG-EX-163A	Advanced A20
Vitamin D3 25-OH	Serum, EDTA-Plasma, Heparin-Plasma	CMIA	AM-LG-150A	AG-LG-157B	Alinity i

**Untersuchungsart:****Qualitative Untersuchungen (einfache) mit visueller Auswertung\***

Analyt (Messgröße)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/Version	Gerät	Gerät
Osmotische Resistenz	frisches EDTA- oder Heparinblut	visuell	AM-SE-136H	AG-SE-108E	Hitachi U1900
Urinstatus	Spontanurin	Teststreifen	AM-LG-112J	AG-LG-141C	UC 3500

**Untersuchungsart:****Sedimentationsuntersuchungen\***

Analyt (Messgröße)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/Version	Gerät	Gerät
Blutsenkung 1 Std.	EDTA-Blut	Kapillar-Mikrophotometer	AM-LG-148C	AG-LG-148F	Alifax
Blutsenkung 1 Std./ 2 Std.	Citrat 1:5	IR-Transmission	AM-LG-120E	AG-LG-120E, -121D	Desaga S 2000, SRS 100I

**Untersuchungsart:****Spektrometrie (UV- / VIS-Photometrie)\***

Analyt (Messgröße)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/Version	Gerät	Gerät
Albumin	Serum	photometrischer Farbtest	AM-LG-104M	AG-LG-116N	AU 5800
Alkalische Phosphatase	Serum, Heparin	kinetischer Farbtest	AM-LG-117J	AG-LG-116N	AU 5800
Ammoniak	EDTA-Blut	kinetischer Farbtest	AM-KH-144A	AG-KH-123C	Cobas 8000
Amphetamine	Urin	enzym.Farbtest	AM-TX-110G	AG-TX-123A	AU 680
Amylase	Serum, Heparin-, EDTA- Plasma, Urin	kinetischer Farbtest	AM-LG-117J	AG-LG-116N	AU 5800
Angiotensin-Converting-Enzyme (ACE)	Serum	kolorimetrischer Test	AM-EX-171D	AG-EX-158A	Alinity
Antithrombin III	Citrat-Plasma	Chromogen	AM-EX-158C	AG-EX-148A	ACLTop 700
Barbiturate	Urin	enzym.Farbtest	AM-TX-110G	AG-TX-123A	AU 680
Benzodiazepine	Urin	enzym.Farbtest	AM-TX-110G	AG-TX-123A	AU 680
Bilirubin direkt	Serum, Heparin-, EDTA- Plasma	photometrischer Farbtest	AM-LG-104M	AG-LG-116N	AU 5800
Bilirubin gesamt	Serum, Heparin-, EDTA- Plasma	photometrischer Farbtest	AM-LG-104M	AG-LG-116N	AU 5800
Bilirubin neonatal	Serum, Heparin-Plasma, EDTA-Plasma	Direktphotometrie	AM-SE-203A	AG-SE-131B	Bilimeter
C1- Inhibitor	Serum, Citrat-Plasma	kinetischer Test	AM-EX-153E	AG-EX-140E	BCS-XP
Calcium	Serum, Heparin-Plasma, Urin	photometrischer Farbtest	AM-LG-104M	AG-LG-116N	AU 5800

Cannabis	Urin	enzym.Farbtest	AM-TX-110G	AG-TX-123A	AU 680
Cholesterin	Serum, Heparin-, EDTA- Plasma	enzymatischer Farbtest	AM-LG-104M	AG-LG-116N	AU 5800
Cholinesterase	Serum, Heparin-, EDTA- Plasma	kinetischer Farbtest	AM-LG-117J	AG-LG-116N	AU 5800
Co-Hämoglobin	EDTA-Blut	Absorptionsspektroskopie	AM-KH-126C	AG-KH-113D	GEM 4000
Creatinkinase (CPK)	Serum , Heparin-, EDTA- Plasma	UV-Test	AM-LG-117J	AG-LG-116N	AU 5800
Creatinkinase-Muscle-Brain (CKMB)	Serum , Heparin-, EDTA- Plasma	enzymatischer Immunihhibitionstest	AM-LG-117J	AG-LG-116N	AU 5800
EDDP	Urin	enzym.Farbtest	AM-TX-110G	AG-TX-123A	AU 680
Eisen	Serum, Heparin	photometrischer Farbtest	AM-LG-104M	AG-LG-116N	AU 5800
Eiweiß	Liquor	photometrischer Farbtest	AM-KH-144A	AG-KH-123C	Cobas 8000
Eiweiß	Urin	photometrischer Farbtest	AM-LG-104M	AG-LG-116N	AU 5800
Ethanol	Serum	kinetischer Farbtest	AM-KH-144A	AG-KH-123C	AU 5800
Faktor XIII	Citrat-Plasma	Chromogen	AM-EX-151E	AG-EX-140E	BCS-XP
Ferritin	Liquor	Chromogen	AM-KH-121D	AG-KH-123C	Cobas 8000
Freies Hb	EDTA-Blut	3 Wellenlängen	AM-SE-133G	AG-SE-108E	Hitachi U1900
Gallensäuren	Serum, EDTA-Plasma, Li-Heparin-Plasma	photometrischer Farbtest	AM-KH-121D	AG-KH-123C	Cobas 8000
Gamma-Glutamat-Transaminase (Y-GT)	Serum , Heparin-, EDTA- Plasma	kinetischer Farbtest	AM-LG-117J	AG-LG-116N	AU 5800
Gesamteiweiss	Serum , Heparin-, EDTA- Plasma	photometrischer Farbtest	AM-LG-104M	AG-LG-116N	AU 5800
Glucose	Serum, Heparin-, EDTA-Plasma, Urin, Calcium-Fluorid-Plasma	enzymatischer UV-Test	AM-LG-104M	AG-LG-116N	AU 5800
Glucose	Liquor	photometrischer Farbtest	AM-KH-144A	AG-KH-123C	Cobas 8000
Glutamatdehydrogenase (GLDH)	Serum, Heparin-, EDTA- Plasma	UV-Test	AM-LG-117J	AG-LG-116N	AU 5800
Glutamat-Oxalacetat-Transaminase (AST, GOT)	Serum, Heparin-, EDTA- Plasma	UV-Test	AM-LG-117J	AG-LG-116N	AU 5800
Glutamat-Pyruvat-Transaminase (ALT, GPT)	Serum, Heparin-, EDTA- Plasma	UV-Test	AM-LG-117J	AG-LG-116N	AU 5800
Hämoglobin	EDTA-Blut	Photometrie	AM-LG-205F	AG-LG-149B	XN-Serie
Hämoglobin A1c (HBA1c)	EDTA-Blut	HPLC, UV-Detektion	AM-LG-201L	AG-LG-145G	Tosoh G11
Harnsäure	Serum, Heparin-, EDTA- Plasma, Urin	enzymatischer Farbtest	AM-LG-104M	AG-LG-116N	AU 5800
Harnstoff	Serum, Heparin-, EDTA- Plasma, Urin	kinetischer UV-Test	AM-LG-104M	AG-LG-116N	AU 5800
HbF	EDTA-Blut	HPLC, UV-Detektion	AM-LG-201L	AG-LG-145G	Tosoh G11
HDL-Cholesterin	Serum, Heparin-, EDTA- Plasma	enzymatischer Farbtest	AM-LG-104M	AG-LG-116N	AU 5800
Homocystein	Serum	enzymatischer UV-Test	AM-LG-104M	AG-LG-116N	AU 5800
Hydroxybutyrat-Dehydrogenase (HBDH)	Serum, Heparin-, EDTA- Plasma	UV-Test	AM-LG-117J	AG-LG-116N	AU 5800
Kokain	Urin	enzym.Farbtest	AM-TX-110G	AG-TX-123A	AU 680
Kreatinin	Serum, Heparin-, EDTA- Plasma, Urin	kinetischer Farbtest/Jaffé ohne Enteiweißung	AM-LG-104M	AG-LG-116N	AU 5800
Kreatinin	Urin	kinetischer Farbtest (Jaffé, ohne Enteiweißung)	AM-TX-127D	AG-TX-123A	AU 680
Kreatinin	Serum, Heparinplasma	enzymatischer Farbtest	AM-EX-171D	AG-EX-158A	Alinity
Laktat	Liquor	photometrischer Farbtest	AM-KH-144A	AG-KH-123C	Cobas 8000
Laktatdehydrogenase (LDH)	Serum, Heparin-, EDTA- Plasma	UV-Test	AM-LG-104M	AG-LG-116N	AU 5800
LDL-Cholesterin	Serum, Heparin-, EDTA- Plasma	enzymatischer Farbtest	AM-LG-104M	AG-LG-116N	AU 5800
Lipase	Serum, Heparin-, EDTA- Plasma	kinetischer Farbtest	AM-LG-117J	AG-LG-116N	AU 5800
LMW Heparine	Citrat-Plasma	Chromogen	AM-KH-121D	AG-KH-114A	CS 5100
Löslicher Transferrinrezeptor	Serum	in Bearbeitung	AM-KH-140A	AG-KH-123C	Cobas 8000
Magnesium	Serum, Heparin-Plasma, Urin	photometrischer Farbtest	AM-LG-104M	AG-LG-116N	AU 5800
Methadon	Urin	enzym.Farbtest	AM-TX-110G	AG-TX-123A	AU 680
Met-Hämoglobin	EDTA-Blut	Absorptionsspektroskopie	AM-KH-126C	AG-KH-113D	GEM 4000

Opiate	Urin	enzym.Farbttest	AM-TX-110G	AG-TX-123A	AU 680
Paracetamol	Serum, Heparin-Plasma	photometrischer Farbttest	AM-KH-143A	AG-KH-123C	Cobas 8000
PCP	Urin	enzym.Farbttest	AM-TX-110G	AG-TX-123A	AU 680
Phosphor anorg.	Serum, Heparin-Plasma, Urin	photometrischer UV-Test	AM-LG-104M	AG-LG-116N	AU 5800
Placental Growth Faktor (Plazentale Wachstumsfaktor)	Serum	in Bearbeitung	AM-KH-139A	AG-KH-123C	Cobas 8000
Protein C	Citrat-Plasma	Chromogen	AM-EX-158C	AG-EX-148A	ACLTop 700
Quotient sFlt1 / PlGF	Serum	in Bearbeitung	AM-KH-139A	AG-KH-123C	Cobas 8000
Rheumafaktor	Serum	in Bearbeitung	AM-KH-139A	AG-KH-123C	Cobas 8000
Rheumafaktor	Punktat	in Bearbeitung	AM-KH-139A	AG-KH-123C	Cobas 8000
saure Phosphatase (SP)	Serum, Heparin-, EDTA- Plasma	kinetischer Farbttest	AM-LG-117J	AG-LG-116N	AU 5800
Soluble FMS-like Thyrosinkinase-1	Serum	in Bearbeitung	AM-KH-139A	AG-KH-123C	Cobas 8000
Triglyceride	Serum, Heparin-, EDTA- Plasma	enzymatischer Farbttest	AM-LG-104M	AG-LG-116N	AU 5800

#### Untersuchungsart:

#### Spektrometrie (UV- / VIS-Photometrie)\*\*

Analyt (Messgröße)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/Version	Gerät	Gerät
Albumin	Serum	photometrisch (Bromkresolrot)	AM-EX-170C	AG-EX-158A	Alinity
Amylase	Punktat	photometrischer Farbttest	AM-LG-117J	AG-LG-116N	AU 5800
Bilirubin gesamt	Punktat	photometrischer Farbttest	AM-LG-104M	AG-LG-116N	AU 5800
Cholesterin	Punktat	enzymatischer Farbttest	AM-LG-104M	AG-LG-116N	AU 5800
Gesamteinweiß	Punktat	photometrischer Farbttest	AM-LG-104M	AG-LG-116N	AU 5800
Glucose	Punktat	enzymatischer UV-Test	AM-LG-104M	AG-LG-116N	AU 5800
Harnsäure	Punktat	enzymatischer Farbttest	AM-LG-104M	AG-LG-116N	AU 5800
Kreatinin	Punktat	kinetischer Farbttest / Jaffé ohne Enteiweißung	AM-LG-104M	AG-LG-116N	AU 5800
Laktatdehydrogenase (LDH)	Punktat	UV-Test	AM-LG-117J	AG-LG-116N	AU 5800
Lipase	Punktat	kinetischer Farbttest	AM-LG-117J	AG-LG-116N	AU 5800
Rivaroxaban	Citrat-Plasma	Chromogen	AM-EX-152F	AG-EX-140E	BCS XP

#### Untersuchungsart:

#### Spektrometrie (Nephelometrie / Immunnephelometrie)\*

Analyt (Messgröße)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/Version	Gerät	Gerät
Albumin	Serum, Liquor	Nephelometrie	AM-SE-201D	AG-SE-119E	Atellica NEPH
alpha2-Makroglobulin	Serum	Nephelometrie	AM-EX-166D	AG-EX-150C	Optilite
Anti-Streptokokken-DNase B	Serum	Nephelometrie	AM-SE-114F	AG-SE-119E	Atellica NEPH
Transferrin	Urin	Nephelometrie	AM-EX-176A	AG-EX-150C	Optilite

#### Untersuchungsart:

#### Spektrometrie (Turbidimetrie / Immunturbidimetrie)\*

Analyt (Messgröße)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/Version	Gerät	Gerät
Albumin	Urin	immunologischer Trübungstest	AM-LG-116I	AG-LG-116N	AU 5800
alpha1-Antitrypsin	Serum	Immunturbidimetrie	AM-EX-170C	AG-EX-158A	Alinity
alpha1-Glycoprotein	Serum	Immunturbidimetrie	AM-EX-170C	AG-EX-158A	Alinity
alpha1-Mikroglobulin	Urin	Immunturbidimetrie	AM-EX-176A	AG-EX-150C	Optilite
Antistreptolysintiter (ASL)	Serum	immunologischer Trübungstest	AM-LG-116I	AG-LG-116N	AU 5800

Apolipoprotein A	Serum	immunologischer Trübungstest	AM-LG-116I	AG-LG-116N	AU 5800
Apolipoprotein B	Serum	immunologischer Trübungstest	AM-LG-116I	AG-LG-116N	AU 5800
Coeruloplasmin	Serum, EDTA-Plasma	Immunturbidimetrie	AM-EX-170C	AG-EX-158A	Alinity
C-reaktives-Protein (CRP)	Serum	immunologischer Trübungstest	AM-KH-139A	AG-KH-123C	Cobas 8000
C-reaktives-Protein high sensitiv (CRP hs)	Serum	immunologischer Trübungstest	AM-LG-116I	AG-LG-116N	AU 5800
Ferritin	Citratplasma	Latex Turbidimetrie	AM-LG-300Q	AG-LG-152B	ACL TOP750 LAS
Ferritin	Serum, EDTA-Plasma	immunologischer Trübungstest	AM-LG-116I	AG-LG-116N	AU 5800
Haptoglobin	Serum	immunologischer Trübungstest	AM-LG-116I	AG-LG-116N	AU 5800
IgG	Urin	Immunturbidimetrie	AM-EX-176A	AG-EX-150C	Optilite
Lipoprotein A	Serum	immunologischer Trübungstest	AM-LG-116I	AG-LG-116N	AU 5800
Lithium	Serum, EDTA-, Heparin-Plasma	Turbidimetrischer Immunoassay	AM-KH-143A	AG-KH-123C	Cobas 8000
Präalbumin	Serum	Immunturbidimetrie	AM-EX-171D	AG-EX-158A	Alinity
Procalcitonin (PCT)	Serum, EDTA-Plasma, Lithium-Heparin	immunologischer Trübungstest	AM-LG-116I	AG-LG-116N	AU 5800
Protein S frei	Citratplasma	Latex Turbidimetrie	AM-EX-158C	AG-EX-148A	ACLTop 700
Protein S frei	Citratplasma	Latex Turbidimetrie	AM-EX-153E	AG-EX-140E	BCS-XP
Transferrin	Serum	immunologischer Trübungstest	AM-LG-116I	AG-LG-116N	AU 5800
v. Willebrand Faktor Ag	Citratplasma	immunologischer Trübungstest	AM-EX-162A	AG-EX-148A	ACLTop 700
v.Willebrand Faktor Aktivität	Citratplasma	immunologischer Trübungstest	AM-EX-162A	AG-EX-148A	ACLTop 700
Vancomycin	Serum , Heparin-, EDTA-Plasma	Turbidimetrischer Immunoassay	AM-KH-143A	AG-KH-123C	Cobas 8000

#### Untersuchungsart:

#### Spektrometrie (Turbidimetrie / Immunturbidimetrie)\*\*

Analyt (Messgröße)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/Version	Gerät	Gerät
Antistreptolysintiter (ASL)	Punktat	immunologischer Trübungstest	AM-LG-116I	AG-LG-116N	AU 5800
C-reaktives-Protein (CRP)	Punktat	immunologischer Trübungstest	AM-LG-116I	AG-LG-116N	AU 5800
Rheumafaktor (RF)	Punktat	immunologischer Trübungstest	AM-LG-116I	AG-LG-116N	AU 5800

#### Untersuchungsart:

#### Spektrometrie (NIR-/IR-Spektrometrie)\*

Analyt (Messgröße)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/Version	Gerät	Gerät
Nierensteine	Nierensteine	IR-Spektrometrie	AM-EX-157C	AG-EX-137B	Bruker Alpha

## Untersuchungsgebiet: Immunologie

### Untersuchungsart:

### Durchflusszytometrie (inkl. Partikeleigenschaftsbestimmung)\*\*

Analyt (Messgröße)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/Version	Gerät	Gerät
Aktivierter T8-Lymphozyten (CD38+D8+)	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspirat, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
Aktivierter T-Lymphozyten (CD3+R+)	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspirat, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
BAL-Lymphozytendifferenzierung	BAL	Durchflusszytometrie	AM-HO-114A	AG-HO-100F	
Blasten (CD34+ und/oder CD117+)	Li-Heparinat-Blut, NH4-Hep-Blut, EDTA-Blut, EDTA-KM-Aspirat, LiHep-KM-Aspirat	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
B-Lymphozyten (CD19)	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspirat, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
B-Zelldifferenzierung	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspirat, LiHep-KM-Aspirat	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
CD10+	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspirat, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
CD10+CD19+	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspirat, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
CD10+CD3+	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspirat, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
CD103+CD19+	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspirat, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
CD117+	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspirat, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
CD11c+CD19+	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspirat, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
CD123+ (Basophile)	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspirat, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
CD13+	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspirat, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
CD138+	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspirat, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
CD14 auf Monozyten	Li-Heparinat-Blut, NH4-Hep-Blut, EDTA-Blut, EDTA-KM-Aspirat, LiHep-KM-Aspirat, BAL, Liquor	Durchflusszytometrie	AM-HO-111B	AG-HO-100F	
CD14+	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspirat, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
CD15+	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspirat, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
CD16+3-	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspirat, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
CD16+3+	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspirat, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
CD19+	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspirat, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	

CD1a+	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspira, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
CD2+	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspira, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
CD20+	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspira, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
CD23+CD19+	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspira, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
CD25+CD19+	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspira, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
CD271+ (Erythroblasten)	Li-Heparinat-Blut , NH4-Hep-Blut, EDTA-Blut, EDTA-KM-Aspirat, LiHep-KM-Aspirat, BAL, Liquor	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
CD3+	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspira, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-100E, -110C	AG-HO-100F	
CD33+	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspira, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
CD34+	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspira, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
CD34+CD19+	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspira, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
CD34+CD3+	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspira, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
CD38+CD138+ (Plasmazellen)	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspira, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
CD38+CD19+	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspira, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
CD4/CD8-Ratio	BAL	Durchflusszytometrie	AM-HO-114A	AG-HO-100F	
CD4+	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspira, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
CD4+CD26- (Sezary)	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspira, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
CD4+CD8+	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspira, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
CD41+ CD34-	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspira, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
CD41+ CD34+	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspira, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
CD43+CD19+	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspira, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
CD45+/CD3-/CD56+	Li-Heparinat-Blut , NH4-Hep-Blut, EDTA-Blut, EDTA-KM-Aspirat, LiHep-KM-Aspirat, BAL, Liquor	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
CD45+/CD3-/CD56+ (abs.)	Li-Heparinat-Blut , NH4-Hep-Blut, EDTA-Blut, EDTA-KM-Aspirat, LiHep-KM-Aspirat, BAL, Liquor	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
CD45+/CD3-/CD56+/CD57+	Li-Heparinat-Blut , NH4-Hep-Blut, EDTA-Blut, EDTA-KM-Aspirat, LiHep-KM-Aspirat, BAL, Liquor	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
CD45+/CD3-/CD56+/CD57+ (abs.)	Li-Heparinat-Blut , NH4-Hep-Blut, EDTA-Blut, EDTA-KM-Aspirat, LiHep-KM-Aspirat, BAL, Liquor	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	

CD5+	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspira, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
CD5+CD19+	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspira, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
CD55-Expression auf Erythrozyten	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspira, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-111B	AG-HO-100F	
CD56+	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspira, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
CD56+3-	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspira, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
CD56+3+	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspira, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
CD56+CD138+ (Plasmazellen)	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspira, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
CD57+3-	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspira, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
CD57+3+	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspira, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
CD57-Nachweis	Li-Heparinat-Blut , NH4-Hep-Blut, EDTA-Blut, EDTA-KM-Aspirat, LiHep-KM-Aspirat, BAL, Liquor	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
CD57-positive NK-Zellen	Li-Heparinat-Blut , NH4-Hep-Blut, EDTA-Blut, EDTA-KM-Aspirat, LiHep-KM-Aspirat, BAL, Liquor	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
CD59-Expression auf Erythrozyten	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspira, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-111B	AG-HO-100F	
CD61+ CD34-	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspira, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
CD61+ CD34+	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspira, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
CD64+	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspira, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
CD65+	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspira, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
CD7+	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspira, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
CD7+CD4+	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspira, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
CD71+	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspira, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
CD7-CD4+ (Sezary)	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspira, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
CMV-pp65-Ag cytoplasmat. B-Zellklonalität	EDTA-Blut	Durchflusszytometrie	AM-HO-100E, -114A, -113B	AG-HO-100F	
cytoplasmat. CD22+	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspira, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
cytoplasmat. CD3+	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspira, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	



cytoplasmat. CD79a+	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspira, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
cytoplasmat. Kappa+CD19+	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspira, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
cytoplasmat. Lactoferrin	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspira, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
cytoplasmat. Lambda+CD19+	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspira, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
cytoplasmat. MPO+	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspira, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
cytoplasmat. term. dTransferase	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspira, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
Eosinophile	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspira, LiHep-KM-Aspirat	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
Eosinophile	BAL	Durchflusszytometrie	AM-HO-114A	AG-HO-100F	
Erythroblasten	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspira, LiHep-KM-Aspirat	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
FMC7+CD19+	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspira, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
Ges. Leu17+ (CD38)	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspira, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
Gesamtzellzahl	BAL	Durchflusszytometrie	AM-HO-114A	AG-HO-100F	
Glycophorin A+ (CD235a)	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspira, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
GPI-verankerte AG (Granulozyten)	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspira, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-111B	AG-HO-100F	
GPI-verankerte AG (Lymphozyten)	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspira, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-111B	AG-HO-100F	
GPI-verankerte AG (Monozyten)	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspira, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-111B	AG-HO-100F	
Granulozyten	BAL	Durchflusszytometrie	AM-HO-114A	AG-HO-100F	
Granulozyten (CD45 dim)	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspira, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
Haar-Zell-Differenzierung	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspira, LiHep-KM-Aspirat	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
HLA-DR+	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspira, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
Kappa+CD10+	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspira, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
Kappa+CD103+	Li-Heparinat-Blut , NH4-Hep-Blut, EDTA-Blut, EDTA-KM-Aspirat, LiHep-KM-Aspirat, BAL, Liquor	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
Kappa+CD138+	Li-Heparinat-Blut , NH4-Hep-Blut, EDTA-Blut, EDTA-KM-Aspirat, LiHep-KM-Aspirat, BAL, Liquor	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
Kappa+CD19+	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspira, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
Kappa+CD5+	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspira, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	

Lambda+CD10+	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspira, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
Lambda+CD103+	Li-Heparinat-Blut, NH4-Hep-Blut, EDTA-Blut, EDTA-KM-Aspirat, LiHep-KM-Aspirat, BAL, Liquor	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
Lambda+CD138+	Li-Heparinat-Blut, NH4-Hep-Blut, EDTA-Blut, EDTA-KM-Aspirat, LiHep-KM-Aspirat, BAL, Liquor	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
Lambda+CD19+	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspira, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
Lambda+CD5+	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspira, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
Leukämie-Differenzierung	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspira, LiHep-KM-Aspirat	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
Lymphozyten	BAL	Durchflusszytometrie	AM-HO-114A	AG-HO-100F	
Lymphozyten-Differenzierung	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspira, LiHep-KM-Aspirat	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
Makrophagen	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspira, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
Metamyelozyten	Li-Heparinat-Blut, NH4-Hep-Blut, EDTA-Blut, EDTA-KM-Aspirat, LiHep-KM-Aspirat	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
Monozyten (CD14)	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspira, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
Myelozyten	Li-Heparinat-Blut, NH4-Hep-Blut, EDTA-Blut, EDTA-KM-Aspirat, LiHep-KM-Aspirat	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
Natürliche Killerzellen (CD16+D56+)	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspira, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
NK-Zellen	Li-Heparinat-Blut, NH4-Hep-Blut, EDTA-Blut, EDTA-KM-Aspirat, LiHep-KM-Aspirat, BAL, Liquor	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
Plasmozytom	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspira, LiHep-KM-Aspirat	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
PNH-Diagnostik	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspira, LiHep-KM-Aspirat	Durchflusszytometrie	AM-HO-111B	AG-HO-100F	
Progenitorzellen	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspira, LiHep-KM-Aspirat	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
Promyelozyten	Li-Heparinat-Blut, NH4-Hep-Blut, EDTA-Blut, EDTA-KM-Aspirat, LiHep-KM-Aspirat	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
Segmentkernige und Stabkernige	Li-Heparinat-Blut, NH4-Hep-Blut, EDTA-Blut, EDTA-KM-Aspirat, LiHep-KM-Aspirat	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
Sezary-Zellen	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspira, LiHep-KM-Aspirat	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
T-/NK-Zell-Differenzierung	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspira, LiHep-KM-Aspirat	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
terminale Desoxy.-Transferase	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspira, LiHep-KM-Aspirat	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
T-Helferzellen (CD4)	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspira, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
T-Lymph.Differenzierung	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspira, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	

T-Lymphozyten	BAL	Durchflusszytometrie	AM-HO-114A	AG-HO-100F	
T-Lymphozyten (CD3)	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspira, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
T-Suppressorzellen (CD8)	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspira, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
T-Zellrezeptor ( $\alpha/\beta$ )+CD3+	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspira, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
T-Zellrezeptor ( $\gamma/\delta$ )+CD3+	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspira, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
ZAP-70+CD19+	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspira, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	
ZAP-70-Prognosemarker	EDTA-Blut, EDTA-KM-Aspirat	Durchflusszytometrie	AM-HO-100E, -114A, -113B	AG-HO-100F	
Zytotox. T-Lymphozyten (CD56+D3+)	Li-Heparinat-Blut, EDTA-Blut, EDTA-KM-Aspira, LiHep-KM-Aspirat, BAL	Durchflusszytometrie	AM-HO-100E, -110C, -113B, -114A	AG-HO-100F	

### Untersuchungsart:

#### Elektrophorese\*

Analyt (Messgröße)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/Version	Gerät	Gerät
Eiweiß-Fractionen	Urin	Zonenelektrophorese	AM-EX-111I	AG-EX-130F	Hydrasis
Lipoprotein-Fractionen	Serum	Zonenelektrophorese	AM-EX-141F	AG-EX-130F	Hydrasis
Oligoklonale Banden	Serum, Liquor	Isoelektrische FoKussierung	AM-SE-202C	AG-SE-121C	Hydrasis
Paraprotein-Fractionen (Monoklonale Gammopathie)	Serum, Urin	Agarosegel-Elektrophorese	AM-EX-144F	AG-EX-130F	Hydrasis

### Untersuchungsart:

#### Ligandenassays\*

Analyt (Messgröße)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/Version	Gerät	Gerät
Anti-dsDNS	Serum, Plasma	ELISA	AM-SE-173J	AG-SE-256C	Workstation Elisa
Anti-ssDNS	Serum, Plasma	ELISA	AM-SE-173J	AG-SE-256C	Workstation Elisa
Anti-Thyreoglobulin (A-TG)	Serum, EDTA-Plasma	ECLIA	AM-LG-119D	AG-LG-150C	Cobas 8000
Anti-Thyreoglobulin (A-TG)	Serum, EDTA-Plasma	ECLIA	AM-NA-181C	AG-NA-117H	Cobas 8000
Anti-TPO	Serum, Heparin-Plasma	ECLIA	AM-LG-119D	AG-LG-150C	Cobas 8000
Anti-TPO	Serum, Heparin	ECLIA	AM-NA-181C	AG-NA-117H	Cobas 8000
Auto-Ak gegen Parietalzellen	Serum, Plasma	ELISA	AM-SE-230D	AG-SE-256C	Workstation Elisa
Auto-AK gegen Zellkerne (ANA)	Serum, Plasma	Lineassay	AM-SE-313D	AG-SE-133D	EuroBlotter
c-ANCA, p-ANCA	Serum, Plasma	Lineassay	AM-SE-218C	AG-SE-256C	manuell
Cardiolipin-Ak IgG, IgM	Serum, Plasma	ELISA	AM-SE-212C	AG-SE-256C	Workstation Elisa
CCP	Serum, Plasma	ELISA	AM-SE-189C	AG-SE-256C	Workstation Elisa
ECP	Serum, EDTA-Plasma	FEIA	AM-EX-137G	AG-EX-162B	Immuno CAP1000
Extrahierbare nukleäre-Ag-SS-A (ENA: SSA,SSB,Sm, RnP, Scl70,Jo1)	Serum, Plasma	ELISA	AM-SE-173J	AG-SE-256C	Workstation Elisa
GAD-Ak	Serum, EDTA-Plasma	ELISA	AM-SE-224B	AG-SE-256C	Workstation Elisa
Ganglioside-IgG, -IgM	Serum, Plasma	Lineassay	AM-SE-313D	AG-SE-133D	EuroBlotter
Gliadin IgG, IgA	Serum, Plasma	ELISA	AM-SE-103B	AG-SE-256C	Workstation Elisa
HIT-IgG	Serum/Citratplasma	CLIA	AM-EX-167A	AG-EX-151B	AcuStar
IgE	Serum	FEIA	AM-EX-137G	AG-EX-162B	Immuno CAP1000

IgE, spezifisch (Allergologie)	Serum	FEIA	AM-EX-137G	AG-EX-162B	Immuno CAP1000
Leber-Antikörper	Serum, Plasma	Lineassay	AM-SE-313D	AG-SE-133D	EuroBlotter
MPO	Serum, Plasma	ELISA	AM-SE-205E	AG-SE-124D	Euroanalyser
Myositis-Ak	Serum, Plasma	Lineassay	AM-SE-313D	AG-SE-133D	EuroBlotter
Neuronale AG	Serum, Plasma	Lineassay	AM-SE-313D	AG-SE-133D	Masterblot
Phosphatidylserin-Ak IgG, IgM	Serum, Plasma	ELISA	AM-SE-212C	AG-SE-256C	Workstation Elisa
β2-Glykoprotein-Ak IgG, IgM	Serum, Plasma	ELISA	AM-SE-212C	AG-SE-256C	Workstation Elisa
Thyreotropes-Hormon-Rezeptor-AK (TRAK)	Serum	ECLIA	AM-LG-119D	AG-LG-150C	Cobas 8000
Thyreotropes-Hormon-Rezeptor-Ak (TRAK)	Serum	ECLIA	AM-NA-177C	AG-NA-117H	cobas 8000
Transglutaminase IgA, IgG	Serum, Plasma	ELISA	AM-SE-103B	AG-SE-256C	Workstation Elisa
zirkulierendes C1q	Serum	ELISA	AM-HO-141A	AG-HO-111A	ELx800
zirkulierendes C3	Serum	ELISA	AM-HO-141A	AG-HO-111A	ELx800

#### Untersuchungsart:

#### Mikroskopie\*

Analyt (Messgröße)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/Version	Gerät	Gerät
Aqua, MOGAK	Serum	IIFT	AM-SE-232A	AG-SE-223C	Mikroskop
Aqua4LQ, MOGLQ	Liquor	IIFT	AM-SE-232A	AG-SE-223C	Mikroskop
Auto-AK gegen glatte Muskulatur (ASMA)	Serum, Plasma	IIFT	AM-SE-151I	AG-SE-258A	Workstation IFA / Europattern
Auto-AK gegen Herzmuskel	Serum, Plasma	IIFT	AM-SE-151I	AG-SE-256C	Workstation IFA / Europattern
Auto-AK gegen Mitochondrien (AMA)	Serum, Plasma	IIFT	AM-SE-151I	AG-SE-258A	Workstation IFA / Europattern
Auto-Ak gegen Skelettmuskel	Serum, Plasma	IIFT	AM-SE-151I	AG-SE-258A	Workstation IFA / Europattern
Auto-AK gegen Zellkerne (ANA)	Serum, Plasma	IIFT	AM-SE-151I	AG-SE-258A	Workstation IFA / Europattern
c-ANCA, pANCA	Serum, Plasma	IIFT	AM-SE-172K	AG-SE-223C	Mikroskop
Endomysium-IgA-AK	Serum, Plasma	IIFT	AM-SE-172K	AG-SE-258A	Workstation IFA / Europattern
Inselzellen-Ak	Serum, Plasma	IIFT	AM-SE-312C	AG-SE-223C	Mikroskop
Liver Kidney Mikrosomen AK (LKM)	Serum, Plasma	IIFT	AM-SE-172K	AG-SE-258A	Workstation IFA / Europattern
Zentromere AK	Serum, Plasma	IIFT	AM-SE-172K	AG-SE-223C	Workstation IFA / Europattern

#### Untersuchungsart:

#### Spektrometrie (Turbidimetrie / Immunturbidimetrie)\*

Analyt (Messgröße)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/Version	Gerät	Gerät
ACHE	Fruchtwasser	Agarosegel-Elektrophorese	AM-EX-177B	AG-EX-130F	Hydrasis
AK gegen Glomeruläre Basalmembran	Serum, Plasma	FEIA	AM-EX-178A	AG-EX-129H	IC250
C3-Komplement	Serum	immunologischer Trübungstest	AM-LG-116I	AG-LG-116N	AU 5800
C4-Komplement	Serum	immunologischer Trübungstest	AM-LG-116I	AG-LG-116N	AU 5800
Cystatin C	Serum, EDTA-Plasma, Li-Heparin-Plasma	turbidimetrisch	AM-EX-172B	AG-EX-158A	Alinity

Freie Leichtketten, Lambda und Kappa	Serum, Urin	partikelverstärkte Immunturbidimetrie	AM-EX-166D	AG-EX-150C	Optilite
Hb im Stuhl	Spezialröhrchen	Immunturbimetrischer Nachweis	AM-HO-132A	AG-HO-110B	
IgA, IgG, IgM	Serum, EDTA-Plasma	immunologischer Trübungstest	AM-KH-139A	AG-KH-123C	Cobas 8000
IgA, IgG, IgM, IgE	Serum	immunologischer Trübungstest	AM-LG-116I	AG-LG-116N	AU 5800
IgG-Subklassen	Serum	turbidimetrisch	AM-EX-166D	AG-EX-150C	Optilite

#### Untersuchungsart:

#### Spektrometrie (Nephelometrie / Immunnephelometrie)\*

Analyt (Messgröße)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/Version	Gerät	Gerät
C1-Inaktivator	Serum, Citratplasma	Nephelometrie	AM-SE-167H	AG-SE-119E	Atellica NEPH
IgG, IgM, IgA	Serum, Liquor	Nephelometrie	AM-SE-201D	AG-SE-119E	Atellica NEPH

#### Untersuchungsgebiet: Humangenetik (Molekulare Humangenetik)

#### Untersuchungsart:

#### Molekularbiologische Untersuchungen (Amplifikationsverfahren)\*\*

Analyt (Messgröße)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/Version	Gerät	Gerät
AAT-/SERPINA1; Alpha-1-Antitrypsin-Mangel	EDTA-Blut, Citrat-Blut, DNA;DNA	reverse Hybridisierung, Sequenzierung	AM-MO-107L	AG-MO-101Q, -109E	Thermocycler, Twincubator
ABCC6 bei V.a. Pseudoxanthoma Elasticum	EDTA-Blut, Citrat-Blut, CVS, AC, DNA; DNA	Sequenzierung, MLPA	AM-MO-234B, -136J, -177L	AG-MO-101Q, -114G	Thermocycler, Sequenzer
ABL; Kinasedomäne-Mutation	EDTA-Blut, EDTA-KM, Citrat-Blut, cDNA, RNA; cDNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
ACE; Risikofaktor arterielle Hypertonie	EDTA-Blut, Citrat-Blut, DNA;DNA	PCR, Gelelektrophorese	AM-MO-239B	AG-MO-101Q, -222B	Thermocycler, QiAxcel
ACVRL1; Telangiectasia, hereditary hemorrhagic, type 2; Morbus Osler Typ2	EDTA-Blut, Citrat-Blut, CVS, AC, DNA; DNA	Sequenzierung, MLPA	AM-MO-234B, -136J, -177L	AG-MO-101Q, -114G	Thermocycler, Sequenzer
Adulte Leukodystrophie-Panel; AARS2, ABCD1, ACP5, ADAR, ALDH3A2, ARSA, AUH, CBS, CLCN2, CLN3, CLN5, CLN6, CLN8, COL4A1, COL4A2, CSF1R, CTSD, CTSF, CYP27A1, CYP7B1, DARS2, DDX58, DNAJC5, EIF2B1, EIF2B2, EIF2B3, EIF2B4, EIF2B5, FA2H, FUCA1, GALC, GAN, GBA, GBE1, GCDH, GFAP, GJC2, GLA, GLB1, HEPACAM, HEXA, HEXB, HMGCL, HTRA1, IFIH1, ISG15, L2HGDH, LARS2, LMNB1, MAN2B1, MANBA, MCOLN1, MFSD8, MLC1, MTHFR, NOTCH3, NPC1, NPC2, PEX7, PHYH, PLP1, POLR1C, POLR3A, POLR3B, PPT1, PSAP, PSMB8, RNASEH2A, RNASEH2B, RNASEH2C, RNF216, SAMHD1, SLC17A5, SNORD118, SPG11, TMEM173, TREM2, TREX1, TUBB4A, TYMP, TYROBP, ZFYVE26	EDTA-Blut, Citrat-Blut, DNA;DNA	Hybrid Capture, Sequencing-by-Synthesis (NGS) Illumina, Exom-Pipeline Wisplinghoff Version "megSAP 0.1-1350-g75ec48b", MLPA; Sequenzierung	AM-MO-177L, -234B, -136J, -245EE	AG-MO-101Q, -114G, -249A, -144G	Thermocycler, Sequenzer, NextSeq
AGT-Angiotensinogen-Risikovariante	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
ALDOB; Erbl. Fruchtzuckerunverträglichkeit	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer

AML1-ETO-Fusionsgen; Leukämie, akut myeloisch; AML	EDTA-Blut, EDTA-KM, Citrat-Blut, cDNA, RNA; cDNA	Realtime PCR	AM-MO-141F	AG-MO-117	Lightcycler
AMLplex; AML-Screening; Akute myeloische Leukämie;	EDTA-Blut, EDTA-KM, Citrat-Blut, cDNA, RNA; cDNA	Fragmentanalyse	AM-MO-178E	AG-MO-101, -114	Thermocycler, Sequenzer
AMPD1; Myoadenylat-Deaminase-Mangel,	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
Aneuploidien 13, 18, 21, X,Y; PCR-Schnelltest	EDTA-Blut, Citrat-Blut, CVS, AC, DNA; DNA	Fragmentanalyse	AM-MO-139C	AG-MO-101, -114	Thermocycler, Sequenzer
APC; fam. Adenomatöse Polyposis FAP1	EDTA-Blut, Citrat-Blut, CVS, AC, DNA; DNA	Sequenzierung, MLPA	AM-MO-234B, -136J, -177L	AG-MO-101Q, -114G	Thermocycler, Sequenzer
APOA5 ; Hypertriglyceridemie-Susceptibilität	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
APOB; fam. Hypercholesterinämie - Typ ApoB	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
APOB; fam. Hypercholesterinämie - Typ ApoB	EDTA-Blut, Citrat-Blut, DNA;DNA	Hybrid Capture, Sequencing-by-Synthesis (NGS) Illumina, Exom-Pipeline Wisplinghoff Version "megSAP 0.1-1350-g75ec48b", MLPA, Sequenzierung	AM-MO-136J, -177L, -234B, -136J	AG-MO-101Q, -114G, -134D, -144G	Thermocycler, Sequenzer, NextSeq
APOE; Hyperlipoproteinämie Typ III; Alzheimer disease-2	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -109E	Thermocycler, Sequenzer
APPbei V.a. fam. Alzheimer Demenz Typ 1	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung, Fragmentanalyse	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
AR; Androgenrezeptor-Defekt/ -Insensitivität	EDTA-Blut, Citrat-Blut, CVS, AC, DNA; DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
ARHGAP31; Adams-Oliver-Syndrom 1	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
Angeborener Chromosomensatz	EDTA-Blut, Citrat-Blut, CVS, AC, DNA; DNA	Molekulare Karyotypisierung; Array-CGH; molekularer Deletions- / Duplikationsnachweis bei Syndromverdacht	AM-MO-167E	AG-MO-101, -124	Thermocycler, Agilent-Scanner
Arrhythmogene rechtsventr. Dysplasie/ Kardiomyopathie-Panel; DSC2, DSG2, DSP, JUP, PKP2, TGFB3, TMEM43	EDTA-Blut, Citrat-Blut, DNA;DNA	Hybrid Capture, Sequencing-by-Synthesis (NGS) Illumina, Exom-Pipeline Wisplinghoff Version "megSAP 0.1-1350-g75ec48b", MLPA, Sequenzierung	AM-MO-136J, -177L, -234B, -136J	AG-MO-101QQ, -114GG, 134D, -144G	Thermocycler, Sequenzer, NextSeq
ASXL-1 bei V.a. MDS	EDTA-Blut, EDTA-KM, Citrat-Blut, DNA; DNA	Sequenzierung, Amplicon-PCR, Sequencing-by-Synthesis (NGS), IonTorrent, NextGENe 2.4.2.2, Variant Caller 5.18.1	AM-MO-234B, -136J, -182L	AG-MO-101Q, -114G, -146C, -138E	Thermocycler, Sequenzer, S5/S5 Ion Chef
AT3bei V.a. Antithrombin III-Defizienz	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
Ataxie-Panel; ABCB7,MTPAP,ABHD12, NOP56, AFG3L2, NPC1, ANO10, PDHX, ATM, PHYH, ATN1, PLA2G6, ATP7B, PMM2, ATXN1, POLG, ATXN10,PPP2R2B, ATXN2, PRKCG, ATXN3, RARS2, ATXN7, SACS, BEAN1, SETX, BTD, SIL1, CACNA1A, SLC1A3, CAMTA1, SPTBN2, CP, SYNE1, DLAT, TBP, DNMT1, TGM6, FLVCR1, TMEM216, GALC, TSEN34, GCLC, TSEN54, GRM1, TTPA, ITPR1, VLDLR, KCNA1, VRK1, KCNC3, WFS1, MRE11A, <u>WWOX, COQ8A</u>	EDTA-Blut, Citrat-Blut, DNA;DNA	Hybrid Capture, Sequencing-by-Synthesis (NGS) Illumina, Exom-Pipeline Wisplinghoff Version "megSAP 0.1-1350-g75ec48b", MLPA, Sequenzierung	AM-MO-136J, -177L, -234B, -136J	AG-MO-101Q, -114G, -249A, -144G	Thermocycler, Sequenzer, NextSeq
ATP7B; Morbus Wilson	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung, MLPA	AM-MO-234B, -136J, -177L	AG-MO-101Q, -114G	Thermocycler, Sequenzer

Autoinflammatorische Erkrankung-Panel; ADA2, BACH2, CARD14, COPA, ELANE, IL10RA, IL10RB, IL1RN, IL36RN, LACC1, LPIN2, LRBA, MEFV, MVK, NCSTN, NLRP4, NLRP1, NLRP12, NLRP3, NOD2, OTULIN, PLCG2, POMP, PSMB10, PSMB8, PSTPIP1, RIPK1, TMEM173, TNFAIP3, TNFRSF1A, TRNT1, TTC7A, WDR1, XIAP	EDTA-Blut, Citrat-Blut, DNA;DNA	Hybrid Capture, Sequencing-by-Synthesis (NGS) Illumina, Exom-Pipeline Wisplinghoff Version "megSAP 0.1-1350-g75ec48b", MLPA, Sequenzierung	AM-MO-177L, -234B, -136J, -245E	AG-MO-101Q, -114G, -249A, -144G	Thermocycler, Sequenzer, NextSeq
AZF-Lokus; Azoospermie, nicht-obstruktiv, Y-gekoppelt (AZF a, b, c)	EDTA-Blut, Citrat-Blut, DNA;DNA	Multiplex-PCR	AM-MO-133C	AG-MO-101, -222	Thermocycler, QIAxcel
BCHE; Pseudocholinesterase-Defizienz; postanästhetische Apnoe	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
BCR-ABL-Fusionsgen; chronisch myeloische Leukämie (CML)	EDTA-Blut, EDTA-KM, Citrat-Blut, cDNA, RNA; cDNA	Realtime PCR	AM-MO-141F	AG-MO-129D	Lightcycler
BEST1; Makula-Dystrophie	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
BIRC3 bei V.a. CLL	EDTA-Blut, EDTA-KM, Citrat-Blut, DNA ; DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
BMP15; Ovarian dysgenesis 2; POF 4	EDTA-Blut, Citrat-Blut, CVS, AC, DNA; DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
BMPR2; fam. pulmonal-arterielle Hypertension;	EDTA-Blut, EDTA-KM, Citrat-Blut, CVS, AC, DNA; DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
BRAF; V600E Mutation, quantitativ	EDTA-Blut, EDTA-KM, Citrat-Blut, DNA; DNA	digitale PCR	AM-MO-173C	AG-MO-147C	Flat PCR-System; Digital PCR Instrument Sequenzer
BRCA1; fam. Brust- und Eierstockkrebs Typ1	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung, MLPA	AM-MO-234B, -136J, -177L	AG-MO-101Q, -114G	Thermocycler, Sequenzer
BRCA2; fam. Brust- und Eierstockkrebs Typ2	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung, MLPA	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
BRCA-Panel; BRCA1, BRCA2	EDTA-Blut, Citrat-Blut, DNA;DNA	Hybrid Capture, Amplicon-PCR, Sequencing-by-Synthesis (NGS) Illumina, Exom-Pipeline Wisplinghoff Version "megSAP 0.1-1350-g75ec48b", Sequencing-by-Synthesis (NGS), IonTorrent, NextGENe 2.4.2.2, Variant Caller 5.18.1, Sequenzierung, , MLPA	AM-MO-177L, -234B, -136J, -245E	AG-MO-101Q, -114G, -146C, -138E, -144G, -249A	Thermocycler, S5/S5 Ion Chef, Sequenzer, NextSeq
Brugada-Syndrom--Panel; ABCB9, CACNA1C, CACNB2, GPD1L, SCN1B, SCN5A, TRPM4	EDTA-Blut, Citrat-Blut, DNA;DNA	Hybrid Capture, Sequencing-by-Synthesis (NGS) Illumina, Exom-Pipeline Wisplinghoff Version "megSAP 0.1-1350-g75ec48b", MLPA, Sequenzierung	AM-MO-136J, -177L, -234B, -136J	AG-MO-101Q, -114G, -249A, -144G	Thermocycler, Sequenzer, NextSeq
BSEP (= ABCB11)	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
BTK bei V.a. Bruton Agammaglobulinämie	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
CALR bei V.a. MPN	EDTA-Blut, EDTA-KM, Citrat-Blut, DNA; DNA	Sequenzierung, Fragmentanalyse	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
CASR; hypokalziurische Hyperkalzämie	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
Catecholaminerge polymorphe ventrikuläre Tachykardie (CPVT)-Panel; CALM1, CASQ2, RYR2, TRDN	EDTA-Blut, Citrat-Blut, DNA;DNA	Hybrid Capture, Sequencing-by-Synthesis (NGS) Illumina, Exom-Pipeline Wisplinghoff Version "megSAP 0.1-1350-g75ec48b", MLPA, Sequenzierung	AM-MO-136J, -177L, -234B, -136J	AG-MO-101Q, -114G, -249A, -144G	Thermocycler, Sequenzer, NextSeq
CBFß-MYH11-Fusionstranskript	EDTA-Blut, EDTA-KM, Citrat-Blut, cDNA, RNA; cDNA	Realtime PCR	AM-MO-192B	AG-MO-117K	Lightcycler
CBL bei V.a. MDS	EDTA-Blut, EDTA-KM, Citrat-Blut, DNA; DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer

CCM2; kavernöse Angiome Typ 2 (CCM2)	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung, MLPA	AM-MO-234B, -136J, -177L	AG-MO-101Q, -114G	Thermocycler, Sequenzer
CCR5; HIV infection susceptibility/resistance	EDTA-Blut, Citrat-Blut, DNA;DNA	PCR, Agarosegel-Elektrophorese, Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
CDH1; erbl. Magenkarzinom Typ E-Cadherin	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung, MLPA	AM-MO-234B, -136J, -177L	AG-MO-101Q, -114G	Thermocycler, Sequenzer
CDKL5; Epileptic encephalopathy, early infantile, 2;	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung, MLPA	AM-MO-234B, -136J, -177L	AG-MO-101Q, -114G	Thermocycler, Sequenzer
CDKN1B; MEN4	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
CEBPA bei V.a. AML	EDTA-Blut, EDTA-KM, Citrat-Blut, DNA; DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
CFTR; Cystische Fibrose; Mukoviszidose	EDTA-Blut, Citrat-Blut, DNA;DNA	reverse Hybridisierung, Sequenzierung, MLPA	AM-MO-126F, -177J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
CFTR-Panel bei V.a. Mukoviszidose	EDTA-Blut, Citrat-Blut, DNA;DNA	Hybrid Capture, Sequencing-by-Synthesis (NGS) Illumina, Exom-Pipeline Wisplinghoff Version "megSAP 0.1-1350-g75ec48b", MLPA, Sequenzierung	AM-MO-234B, -136J, -182L, -249A	AG-MO-101Q, -114G, -249A, -144G	Thermocycler, Sequenzer, NextSeq
Chimärismus-Test	EDTA-Blut, EDTA-KM, Citrat-Blut, Wangenabstrich, DNA; DNA	Fragmentanalyse	AM-MO-199C	AG-MO-101Q, -114G	Thermocycler, Sequenzer
CHK2	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
c-KIT-Gen; gastro-intestinale Stroma-Tumore (GIST); Mastozytose	EDTA-Blut, EDTA-KM, Citrat-Blut, DNA; DNA	Amplikon-Sequenzierung, Amplicon-PCR, Sequencing-by-Synthesis (NGS), IonTorrent, NextGENe 2.4.2.2, Variant Caller 5.18.1, LNA-clamp-PCR, digitale PCR	AM-MO-234B, -136J, -182L, MO-173C	AG-MO-101Q, -114G, -146, -138E, -147	Thermocycler, Sequenzer, S5/S5 Ion Chef, LightCycler, Quantstudio 3D
CLCN1; Myotonia congenita (dominant; rezessiv)	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung, MLPA	AM-MO-234B, -136J, -177L	AG-MO-101Q, -114G	Thermocycler, Sequenzer
CMML-Panel (MDS/MPN); ASXL1, RUNX1, SF3B1, SRSF2, TET2, TP53	EDTA-Blut, EDTA-KM, Citrat-Blut, DNA; DNA	Amplikon-PCR, Sequencing-by-Synthesis (NGS), IonTorrent, NextGENe 2.4.2.2, Variant Caller 5.18.1	AM-MO-234B, -136J, -182L	AG-MO-101Q, -114G, -146C, -138E	Thermocycler, Sequenzer, S5/S5 Ion Chef
Angeborener Chromosomensatz	Abort (FFPE); DNA	CNV-Analyse $\geq$ 5 Mb; Hybrid Capture, Sequencing-by-Synthesis (NGS) Illumina, Exom-Pipeline Wisplinghoff Version "megSAP 0.1-1350-g75ec48b"	AM-MO-254B	AG-MO-136F, -101Q, -249A, -144G	Biomek, Thermocycler, NextSeq
Colon Lung Panel; AKT1, ALK, BRAF, CTNNB1, DDR2, EGFR, ERBB2, ERBB4, FBX7, FGFR1-3, KRAS, MAP2K1, MET, NOTCH1, NRAS, PIK3CA, PTEN, SMAD4, STK11, TP53	FFPE, DNA; DNA	Amplikon-PCR, Sequencing-by-Synthesis (NGS), IonTorrent, NextGENe 2.4.2.2, Variant Caller 5.18.1	AM-MO-234B, -136J, -182L	AG-MO-101Q, -114G, -146C, -138E	Thermocycler, S5/S5 Ion Chef
COMT	EDTA-Blut, EDTA-KM, Citrat-Blut, DNA; DNA	PCR, Pyrosequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
CPT2; Carnitinpalmitoyltransferase Typ 2 Defizienz	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
CSF3R; Neutrophilie, congenitale Neutropenie	EDTA-Blut, EDTA-KM, Citrat-Blut, DNA; DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
CTRC; Chymotrypsin C ; chron. Pankreatitis	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
Cx26-/GJB2; Connexin26; Hörstörung; Taubheit	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung, MLPA	AM-MO-234B, -136J, -177L	AG-MO-101Q, -114G	Thermocycler, Sequenzer
Cx30-/GJB6; Connexin26; Hörstörung; Taubheit	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung, MLPA	AM-MO-234B, -136J, -177L	AG-MO-101Q, -114G	Thermocycler, Sequenzer
CX32 bei V.a. Charcot-Marie-Tooth-Syndrom. X-gekoppelt	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
CYP1A1; Cytochrom P450 Typ 1A1	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer



CYP2B6; Cytochrom P450 2B6	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
CYP2C19; Cytochrom P450 2C19	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
CYP2C9; Cytochrom P450 2C9	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
CYP2D6; Cytochrom P450 2D6	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung, Gelelektrophorese, RealTime PCR	AM-MO-234B, -136J	AG-MO-101Q, -114G, -117K	Thermocycler, Sequenzer, LightCycler
CYP3A4; Cytochrom P450 3A4	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
CYP3A5; Cytochrom P450 3A5	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
DAO; Histaminintoleranz	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
DAX1; Adrenal hypoplasia, congenital, with hypogonadotropic hypogonadism	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
DGS-Mikrodeletion (DiGeorge-Syndrom)	EDTA-Blut, Citrat-Blut, CVS, AC, DNA; DNA	MLPA	AM-MO-177L	AG-MO-101Q, -114G	Thermocycler, Sequenzer
Dilatative Kardiomyopathie-Panel; LMNA, MYBPC3, MYH6, MYH7, SCN5A, TNNT2	EDTA-Blut, Citrat-Blut, DNA;DNA	Hybrid Capture, Sequencing-by-Synthesis (NGS) Illumina, Exom-Pipeline Wisplinghoff Version "megSAP 0.1-1350-g75ec48b", MLPA, Sequenzierung	AM-MO-136J, -177L, -234B, -136J	AG-MO-101Q, -114G, -134D, -144G	Thermocycler, Sequenzer, NextSeq
DM1; Myotone Dystrophie Typ1	EDTA-Blut, Citrat-Blut, CVS, AC, DNA; DNA	MLPA	AM-MO-177L	AG-MO-101Q, -114G	Thermocycler, Sequenzer
DNMT3A bei V.a. MDS	EDTA-Blut, EDTA-KM, Citrat-Blut, DNA; DNA	Sequenzierung, Amplicon-PCR, Sequencing-by-Synthesis (NGS), IonTorrent, NextGENe 2.4.2.2, Variant Caller 5.18.1	AM-MO-234B, -136J, -182L	AG-MO-101Q, -114G, -146C, -138E	Thermocycler, Sequenzer, S5/S5 Ion Chef
DPYD; Dihydropyrimidine dehydrogenase deficiency; 5-FU-Toxizität	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung, PyroSequenzierung, Realtime PCR	AM-MO-202F, -253D	AG-MO-101Q, -114G, -130E, -117K	Thermocycler, Pyromark-Sequenzer, Lightcycler, Sequenzer
Dystonie, isoliert, Panel; ANO3, CIZ1, COL6A3, GNAL, HPCA, PRKCG, THAP1, TOR1A, TTBK2, TUBB4A, SPTBN2	EDTA-Blut, Citrat-Blut, DNA;DNA	Hybrid Capture, Sequencing-by-Synthesis (NGS) Illumina, Exom-Pipeline Wisplinghoff Version "megSAP 0.1-1350-g75ec48b", MLPA, Sequenzierung	AM-MO-136J, -177L, -234B, -136J	AG-MO-101Q, -114G, -134D, -144G	Thermocycler, Sequenzer, NextSeq
Dystonie, paroxysmal, Panel; ADCY5, PNKD, PRRT2, SLC2A1	EDTA-Blut, Citrat-Blut, DNA;DNA	Hybrid Capture, Sequencing-by-Synthesis (NGS) Illumina, Exom-Pipeline Wisplinghoff Version "megSAP 0.1-1350-g75ec48b", MLPA, Sequenzierung	AM-MO-136J, -177L, -234B, -136J	AG-MO-101Q, -114G, -134D, -144G	Thermocycler, Sequenzer, NextSeq
E2A-PBX1-Fusionsgen; akute lymphatische Leukämie	EDTA-Blut, EDTA-KM, Citrat-Blut, cDNA, RNA; cDNA	Realtime PCR	AM-MO-192B	AG-MO-117K	Lightcycler
EDA; anhidrotische ectodermale Dysplasie. X-chromosomal	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
EDAR; hypohidrotische ectodermale Dysplasie. AD, AR	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
EDARADD; Ectodermale Dysplasie. AD, AR	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
EGFR	EDTA-Blut, EDTA-KM, Citrat-Blut, DNA; DNA	Amplicon-PCR, Sequencing-by-Synthesis (NGS), IonTorrent, NextGENe 2.4.2.2, Variant Caller 5.18.1	AM-MO-182L	AG-MO-101Q, -114G, -146C, -138E	Thermocycler, Sequenzer PGM, S5/S5 Ion Chef
EGFR-Risikomutation p.T790M	EDTA-Blut, EDTA-KM, Citrat-Blut, DNA; DNA	digitale PCR	AM-MO-173C	AG-MO-147C	Flat PCR-System; Digital PCR Instrument

Eisen-/Kupfer-Stoffwechsel (FeCu)-Panel; HFE, HJV, HAMP, HFE3, HFE4, FTL, TMPRSS6, ATP7B	EDTA-Blut, Citrat-Blut, DNA;DNA	Hybrid Capture, Sequencing-by-Synthesis (NGS) Illumina, Exom-Pipeline Wisplinghoff Version "megSAP 0.1-1350-g75ec48b", MLPA, Sequenzierung	AM-MO-136J, -177L, -234B, -136J	AG-MO-101Q, -114G, -134D, -144G	Thermocycler, Sequenzer, NextSeq
ELANE; cyclische und congenitale Neutropenie	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
ENG; Telangiectasia, hereditary hemorrhagic, type 1; Morbus Osler-Typ1	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
Epileptische Enzephalopathie (frühkindlich); ALDH7A1, ARX, CDKL5, KCNQ2, POLG, SCN1A, SLC2A1, STXBP1	EDTA-Blut, Citrat-Blut, DNA;DNA	Hybrid Capture, Sequencing-by-Synthesis (NGS) Illumina, Exom-Pipeline Wisplinghoff Version "megSAP 0.1-1350-g75ec48b", MLPA, Sequenzierung	AM-MO-136J, -177L, -234B, -136J	AG-MO-101Q, -114G, -134D, -144G	Thermocycler, Sequenzer, NextSeq
EPOR; EPO-Rezeptormutation; fam. Erythrozytose	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
ETV6-RUNX1-Fusionsgen; akute lymphatische Leukämie	EDTA-Blut, EDTA-KM, Citrat-Blut, cDNA, RNA; cDNA	PCR, real-time PCR	AM-MO-192B	AG-MO-117K	Lightcycler
Faktor 10 bei V.a. Faktor X-Defizienz	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung, MLPA	AM-MO-234B, -136J, -177L	AG-MO-101Q, -114G	Thermocycler, Sequenzer
Faktor 11 bei V. a. Faktor XI-Defizienz	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung, MLPA	AM-MO-234B, -136J, -177L	AG-MO-101Q, -114G	Thermocycler, Sequenzer
Faktor 12 bei V. a. Faktor XII-Defizienz	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung, MLPA	AM-MO-234B, -136J, -177L	AG-MO-101Q, -114G	Thermocycler, Sequenzer
Faktor 13A1; Thrombophilie-Risiko	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
Faktor 13B; Thrombophilie-Risiko	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
Faktor 2; Prothrombin-Mutation	EDTA-Blut, Citrat-Blut, DNA;DNA	Pyrosequenzierung	AM-MO-202F	AG-MO-101Q, -130E	Thermocycler Pyromark-Sequenzer
Faktor 7 bei V. a. Faktor VII-Defizienz	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung, MLPA	AM-MO-234B, -136J, -177L	AG-MO-101Q, -114G	Thermocycler, Sequenzer
Faktor 9 bei V.a. Faktor IX-Defizienz	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung, MLPA	AM-MO-234B, -136J, -177L	AG-MO-101Q, -114G	Thermocycler, Sequenzer
FERMT1; V. a. Kindler-Syndrom; OMIM 607900	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung, MLPA	AM-MO-234B, -136J, -177L	AG-MO-101Q, -114G	Thermocycler, Sequenzer
FGA; congenitale Dysfibrinogenämie	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
FGB; congenitale Dysfibrinogenämie	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
FGFR1; Kallmann-Syndrom Typ 2; hypogonadotroper Hypogonadismus;	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
FGFR1-Fusionsgen bei V.a. Hypereosinophiles Syndrom (HES/CEL)	EDTA-Blut, EDTA-KM, Citrat-Blut, cDNA, RNA; cDNA	realtime PCR	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
FGFR3	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung, MLPA	AM-MO-234B, -136J, -177L	AG-MO-101Q, -114G	Thermocycler, Sequenzer
FGG; congenitale Dysfibrinogenämie	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
FH-Panel; LDLRAP1, PCSK9, APOB, STAP1, LDLR	EDTA-Blut, Citrat-Blut, DNA;DNA	Hybrid Capture, Sequencing-by-Synthesis (NGS) Illumina, Exom-Pipeline Wisplinghoff Version "megSAP 0.1-1350-g75ec48b", MLPA, Sequenzierung	AM-MO-177L, -234B, -136J, -245E	AG-MO-101Q, -114G, -249A, -144G	Thermocycler, Sequenzer, NextSeq
FLT3; bei V.a. AML	EDTA-Blut, EDTA-KM, Citrat-Blut, DNA; DNA	Fragmentanalyse	AM-MO-200C	AG-MO-101Q, -114G	Thermocycler, Sequenzer
FMR1; famil. mentales Retardierungssyndrom FMR1 (fraX)	EDTA-Blut, Citrat-Blut, DNA;DNA	Fragmentanalyse	AM-MO-131E	AG-MO-101Q, -114G	Thermocycler, Sequenzer

FSHR; Risikovariante für gestörte Ovar-Funktion	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
FTL; Hyperferritinämie-Cataract-Syndrom (HHCS)	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
FV-HR2; Faktor V Ferrara-Haplotyp	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
FV-Leiden-Mutation; Faktor V-Leiden-Mutation	EDTA-Blut, Citrat-Blut, DNA;DNA	PCR, Pyrosequenzierung	AM-MO-202F	AG-MO-101Q, -130E	Thermocycler Pyromark-Sequenzer
G6PC1; Glykogen-Speicherkrankheit Typ 1a	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
G6PT1-/SLC37A4; Glykogen-Speicherkrankheit Typ 1b	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
GAA; Morbus Pompe	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung, MLPA	AM-MO-234B, -136J, -177L	AG-MO-101Q, -114G	Thermocycler, Sequenzer
GCK; MODY-2	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung, MLPA	AM-MO-234B, -136J, -177L	AG-MO-101Q, -114G	Thermocycler, Sequenzer
GIST-Panel (gastro-intestinale Malignität); KIT, EGFR, PDGFRA, PIK3CA, BRAF, KRAS, NRAS	FFPE, DNA; DNA	Amplicon-PCR, Sequencing-by-Synthesis (NGS), IonTorrent, NextGENe 2.4.2.2, Variant Caller 5.18.1	AM-MO-234B, -136J, -182L	AG-MO-101Q, -114G, -146C, -138E	Thermocycler, S5/S5 Ion Chef
GLA; Morbus Fabry	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J, -177L	AG-MO-101Q, -114G	Thermocycler, Sequenzer
GLI3; Greig Cephalopolysyndactylie-Syndrom	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
GLUT10; Arterial-Tortuosity-Syndrom	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
GNRHR; hypogonadotroper Hypogonadismus	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
GST-M1-/GST-T1; Gluthation-S-Transferase Typ M1; T1	EDTA-Blut, Citrat-Blut, DNA;DNA	PCR, Gelelektrophorese	AM-MO-239B	AG-MO-103D, -239A	Thermocycler, Elektrophoresekammer
Haemostaseologie-(HAEM) Panel; F2, F3, F5, F7, F8, F9, F10, F11, F12, F13A1, F13B, PROC, PROS1, Serpinc1, VKORC1, FGA, FGB, FGG, vWF	EDTA-Blut, Citrat-Blut, DNA;DNA	Hybrid Capture, Sequencing-by-Synthesis (NGS) Illumina, Exom-Pipeline Wisplinghoff Version "megSAP 0.1-1350-g75ec48b",MLPA, Sequenzierung	AM-MO-177L, -234B, -136J, -245E	AG-MO-101Q, -114G, -249A, -144G	Thermocycler, Sequenzer, NextSeq
Hämochromatose-Panel; HFE, HJV, HAMP, TFR2, SLC40A1, FTL	EDTA-Blut, Citrat-Blut, DNA;DNA	Hybrid Capture, Sequencing-by-Synthesis (NGS) Illumina, Exom-Pipeline Wisplinghoff Version "megSAP 0.1-1350-g75ec48b",MLPA, Sequenzierung	AM-MO-177L, -234B, -136J, -245E	AG-MO-101Q, -114G, -249A, -144G	Thermocycler, Sequenzer, NextSeq
HAMP; erbl. Hämochromatose Typ 2b juvenil	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung, MLPA	AM-MO-234B, -136J, -177L	AG-MO-101Q, -114G	Thermocycler, Sequenzer
HBA1-, HBA2; Alpha-Thalassämie	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung, MLPA	AM-MO-234B, -136J, -177L	AG-MO-101Q, -114G	Thermocycler, Sequenzer
HBB; Beta-Hämoglobinopathie,	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung, MLPA	AM-MO-234B, -136J, -177L	AG-MO-101Q, -114G	Thermocycler, Sequenzer
HBD-/HBB; Delta-Beta-thalassämie	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung; MLPA	AM-MO-234B, -136J, -177L	AG-MO-101Q, -114G	Thermocycler, Sequenzer
HD; Chorea Huntington	EDTA-Blut, Citrat-Blut, DNA;DNA	Fragmentanalyse	AM-MO-192B	AG-MO-101Q, -114G	Thermocycler, Sequenzer
HFE; Hämochromatose Typ 1 (HFE1)	EDTA-Blut, Citrat-Blut, DNA;DNA	PCR, Pyrosequenzierung, Sequenzierung, MLPA	AM-MO-202, -234B, -136J, -177L	AG-MO-101Q, -130, -114G, -130	Thermocycler, Pyromark Sequenzer
HJV; erbl. Hämochromatose Typ 2a juvenil	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
HLA-B27; Morbus Bechterew	EDTA-Blut, Citrat-Blut, DNA;DNA	realtime PCR	AM-MO-279A	AG-MO-141E, -142B, -243A	BioRad CFX
HLA-B51, Morbus Behcet	EDTA-Blut, Citrat-Blut, DNA;DNA	SSP-PCR	AM-MO-182L	AG-MO-101Q	Thermocycler
HLA-B5701; Hypersensitivitätsreakt. unter Abacavir	EDTA-Blut, Citrat-Blut, DNA;DNA	SSP-PCR	AM-MO-101Q	AG-MO-101Q	Thermocycler
HLA-Cw6	EDTA-Blut, Citrat-Blut, DNA;DNA	SSP-PCR	AM-MO-101Q	AG-MO-101Q	Thermocycler
HLA-DQ; Zöliakie; Sprue	EDTA-Blut, Citrat-Blut, DNA;DNA	SSP-PCR	AM-MO-101Q	AG-MO-101Q	Thermocycler

HLA-DR	EDTA-Blut, Citrat-Blut, DNA;DNA	SSP-PCR	AM-MO-101Q	AG-MO-101Q	Thermocycler
HLCS; Holocarboxylase-Synthetase-Defekt (HLCS)	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q	Thermocycler
HMSN-Panel (axonal); DNM2, DYNC1H1, GARS, GDAP1, GJB1, HSPB1, HSPB8, LMNA, MFN2, MPZ, NEFL, YARS	EDTA-Blut, Citrat-Blut, DNA;DNA	Hybrid Capture, Sequencing-by-Synthesis (NGS) Illumina, Exom-Pipeline Wisplinghoff Version "megSAP 0.1-1350-g75ec48b", MLPA, Sequenzierung	AM-MO-136J, -177L, -234B, -136J	AG-MO-101Q, -114G, -134D, -144G	Thermocycler, Sequenzer, NextSeq
HMSN-Panel (demyelinisierend); DNM2, EGR2, FGD4, FIG4, GDAP1, GJB1, LITAF, MPZ, NEFL, PMP22, PRX, SH3TC2, YARS	EDTA-Blut, Citrat-Blut, DNA;DNA	Hybrid Capture, Sequencing-by-Synthesis (NGS) Illumina, Exom-Pipeline Wisplinghoff Version "megSAP 0.1-1350-g75ec48b", MLPA, Sequenzierung	AM-MO-136J, -177L, -234B, -136J	AG-MO-101Q, -114G, -134D, -144G	Thermocycler, Sequenzer, NextSeq
HMSN-Panel; AARS, AIFM1, ATP1A1, BSCL2, C12orf65, CHCHD10, CNTNAP1, COX6A1, CTDP1, DCAF8, DGAT2, DHTKD1, DNAJB2, DNM2, DRP2, EGR2, FBLN5, FGD4, FIG4, GAN, GARS, GDAP1, GJB1, GNB4, HARS, HINT1, HK1, HSPB1, HSPB8, IGHMBP2, INF2, KARS, KIF1B, KIF5A, LITAF, LMNA, LRSAM1, MARS, MCM3AP, MED25, MFN2, MME, MORC2, MPV17, MPZ, MTMR2, NAGLU, NDRG1, NEFH, NEFL, PDK3, PLEKHG5, PMP2, PMP22, PNKP, PRPS1, PRX, RAB7A, SACS, SBF1, SBF2, SCO2, SH3TC2, SLC25A46, SORD, SPG11, SURF1, TFG, TRIM2, TRPV4, TTR, TUBB3, VCP, YARS	EDTA-Blut, Citrat-Blut, DNA;DNA	Hybrid Capture, Sequencing-by-Synthesis (NGS) Illumina, Exom-Pipeline Wisplinghoff Version "megSAP 0.1-1350-g75ec48b", MLPA, Sequenzierung	AM-MO-177L, -234B, -136J, -245E	AG-MO-101Q, -114G, -249A, -144G	Thermocycler, Sequenzer, NextSeq
HNF1A; MODY-3	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung, MLPA	AM-MO-234B, -136J, -177L	AG-MO-101Q, -114G	Thermocycler, Sequenzer
HNF1B; MODY-5	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung, MLPA	AM-MO-234B, -136J, -177L	AG-MO-101Q, -114G	Thermocycler, Sequenzer
HNF4A; V.a. MODY-1	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung, MLPA	AM-MO-234B, -136J, -177L	AG-MO-101Q, -114G	Thermocycler, Sequenzer
HOLLE-Panel (hämato-onkologische lymphatische Erkrankungen); ABL1, BIRC3, BRAF, BTK, CXCR4, DNMT3A, FBXW7, IDH1, IDH2, PLCG2, RUNX1, SF3B1, STAT3, TP53, UBR5, XPO1, MYD88, NOTCH1, PHE6	EDTA-Blut, EDTA-KM, Citrat-Blut, DNA; DNA	Amplicon-PCR, Sequencing-by-Synthesis (NGS), IonTorrent, NextGENe 2.4.2.2, Variant Caller 5.18.1, Sequenzierung	AM-MO-234B, -136J, -182L	AG-MO-101Q, -114G, -138E, -146C, -138E	Thermocycler, Sequenzer, S5/S5 Ion Chef
HOMY-Panel (hämato-onkologische myeloische Erkrankungen); ASXL1, BCOR, BRAF, CALR, CBL, CEBPA, CSF3R, DNMT3A, ETV6, EZH2, FLT3-TKD, GATA2, IDH1, IDH2, JAK2, KDM6A, KIT, KRAS, MPL, NPM1, NRAS, PTEN, PTPN11, RUNX1, SETBP1, SF3B1, SRF2, TET2, TP53, U2AF1, WT1, ZRSR2	EDTA-Blut, EDTA-KM, Citrat-Blut, DNA; DNA	Amplicon-PCR, Sequencing-by-Synthesis (NGS), IonTorrent, NextGENe 2.4.2.2, Variant Caller 5.18.1, Sequenzierung	AM-MO-234B, -136J, -182L	AG-MO-101Q, -114G, -138E, -146C, -138E	Thermocycler, Sequenzer, S5/S5 Ion Chef

HO-Panel (hämato-onkologisches Panel); ASXL1; BCOR; BRAF; CALR; CBL; CEBPA; DNMT3A; ETV6; EZH2; FLT3; IDH1; IDH2; Jak2; KIT; KRAS; MPL; NPM1; NRAS; PTPN11; RUNX1; SF3B1; SRSF2; STAG2; TET2; TP53; U2AF1; WT1; ZRSR2 HPRT; Hyperurikämie/Gicht	EDTA-Blut, EDTA-KM, Citrat-Blut, DNA; DNA	Amplicon-PCR, Sequencing-by-Synthesis (NGS), IonTorrent, NextGENe 2.4.2.2, Variant Caller 5.18.1, Sequenzierung	AM-MO-234B, -136J, -182L	AG-MO-101Q, -114G, -146C, -138E	Thermocycler, Sequenzer, S5/S5 Ion Chef
HSAN-Panel (hereditäre sensorische und autonome Neuropathie); ATL1, DNMT1, FAM134B, KIF1A, SCN9A, SPTLC1, SPTLC2	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
Hypercholesterinämie-Mutationspanel; APOB, LDLR, LDLRAP1, PCSK9, STAP1	EDTA-Blut, Citrat-Blut, DNA;DNA	Hybrid Capture, Sequencing-by-Synthesis (NGS) Illumina, Exom-Pipeline Wisplinghoff Version "megSAP 0.1-1350-g75ec48b",MLPA, Sequenzierung	AM-MO-136J, -177L, -234B, -136J	AG-MO-101Q, -114G, -134D, -144G	Thermocycler, Sequenzer, NextSeq
Hypertriglyceridämie-Panel; APOA5, APOC2, GPD1, LMF1, LPL	EDTA-Blut, Citrat-Blut, DNA;DNA	Amplicon-PCR; Sequencing-by-Synthesis (NGS) Illumina, Exom-Pipeline Wisplinghoff Version "megSAP 0.1-1350-g75ec48b",MLPA, Sequenzierung	AM-MO-234B, -136J, -182L, -249A	AG-MO-101Q, -114G, -138E, -146C, -138E	Thermocycler, Sequenzer PGM, S5, Ion S5
Hypertriglyceridämie-Panel; APOA5, APOC2, GPD1, LMF1, LPL	EDTA-Blut, Citrat-Blut, DNA;DNA	Hybrid Capture, Sequencing-by-Synthesis (NGS) Illumina, Exom-Pipeline Wisplinghoff Version "megSAP 0.1-1350-g75ec48b",MLPA, Sequenzierung	AM-MO-136J, -177L, -234B, -136J	AG-MO-101Q, -114G, -134D, -144G	Thermocycler, Sequenzer, NextSeq
Hypertrophe Kardiomyopathie-Panel; ACTC1, ACTN2, CSPR3, MYBPC3, MYH7, MYL2, MYL3, TCAP, TNNC1, TNNI3, TNNT2, TPM1	EDTA-Blut, Citrat-Blut, DNA;DNA	Hybrid Capture, Sequencing-by-Synthesis (NGS) Illumina,Exom-Pipeline Wisplinghoff Version "megSAP 0.1-1350-g75ec48b",MLPA, Sequenzierung	AM-MO-136J, -177L, -234B, -136J	AG-MO-101Q, -114G, -134D, -144G	Thermocycler, Sequenzer, NextSeq
IDH2 bei V.a. MDS	EDTA-Blut, EDTA-KM, Citrat-Blut, DNA; DNA	Sequenzierung, Amplicon-PCR, Sequencing-by-Synthesis (NGS), IonTorrent, NextGENe 2.4.2.2, Variant Caller 5.18.1	AM-MO-234B, -136J, -182L	AG-MO-101Q, -114G, -146C, -138E	Thermocycler, Sequenzer, S5/S5 Ion Chef
IDUA; Hurler-Syndrom - MPS1	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
IgVH-Klonalitätsanalyse bei CLL	EDTA-Blut, EDTA-KM, Citrat-Blut, DNA; DNA	Fragmentanalyse, Sequenzierung	AM-MO-159E	AG-MO-101Q, -114G	Thermocycler, Sequenzer
IL28B; response to HCV therapy	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
IMPG1; Makula-Dystrophie	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
IMPG2; Makula-Dystrophie	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
ITGA2; Glycoprotein Ia (GPIa)-Defizienz	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung, Pyrosequenzierung	AM-MO-234B, -136J, -182L	AG-MO-101Q, -114G, -130	Thermocycler, Sequenzer
ITGB3; Plättchen-Fibronectinrezeptor	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
JAG1; Alagille-Watson-Miller-Syndrom	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung, MLPA	AM-MO-234B, -136J, -177L	AG-MO-101Q, -114G	Thermocycler, Sequenzer
JAK2; Mutationen in Kinase-Domäne	EDTA-Blut, EDTA-KM, Citrat-Blut, DNA; DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
JAK2-V617F-Mutationsanalyse	EDTA-Blut, EDTA-KM, Citrat-Blut, DNA; DNA	ARMS, realtime-PCR	AM-MO-173C	AG-MO-101Q, -114G, -117K, -222B	Thermocycler, Sequenzer, QIAxcel
KAL1; Kallmann-Syndrom Typ I	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung, MLPA	AM-MO-234B, -136J, -177L	AG-MO-101Q, -114G	Thermocycler, Sequenzer
KCNE1; LongQT-Syndrom-5; Jervell and Lange-Nielsen syndrome 2	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung, MLPA	AM-MO-234B, -136J, -177L	AG-MO-101Q, -114G	Thermocycler, Sequenzer
KCNH2; LongQT-Syndrom Typ 2	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung, MLPA	AM-MO-234B, -136J, -177L	AG-MO-101Q, -114G	Thermocycler, Sequenzer
KCNQ1; LongQT-Syndrom Typ 1	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung, MLPA	AM-MO-234B, -136J, -177L	AG-MO-101Q, -114G	Thermocycler, Sequenzer

KISS1R; Hypogonadotropie hypogonadism	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
KRAS; Noonan-Syndrom (NS3)	EDTA-Blut, Citrat-Blut, CVS, AC, DNA; DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
K-Ras; Somatische Tumormutationen (u.a. Lungen-CA)	EDTA-Blut, EDTA-KM, Citrat-Blut, DNA; DNA	reverse Hybridisierung, Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
KRIT1; kavernöse Angiome Typ 1 (CCM1)	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
LCT; congen. Laktosedefizienz	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
LCT; Lactoseintoleranz-Polymorphismus	EDTA-Blut, Citrat-Blut, DNA;DNA	Pyrosequenzierung	AM-MO-202F	AG-MO-130E	Pyrosequenzierer
LDLR; fam. Hypercholesterinämie (FH, Typ LDLR)	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung, MLPA	AM-MO-234B, -136J, -177L	AG-MO-101Q, -114G	Thermocycler, Sequenzer
LDLRAP1; V. a. a.-rez. fam. Hypercholesterinämie	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
LGMD-Panel (Gliedergürteldystrophie); ANO5, CAPN3, CAV3, DYSF, FKR, FKTN, LMNA, MYOT, SGCA, SGCB, SGCD, SGCG, TCAP, TRIM32	EDTA-Blut, Citrat-Blut, DNA;DNA	Hybrid Capture, Sequencing-by-Synthesis (NGS) Illumina, Exom-Pipeline Wisplinghoff Version "megSAP 0.1-1350-g75ec48b",MLPA, Sequenzierung	AM-MO-136J, -177L, -234B, -136J	AG-MO-101Q, -114G, -134D, -144G	Thermocycler, Sequenzer, NextSeq
LHCGR bei V.a. Rezeptorstörung	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
Linksventrikuläre Non-Compaction-Kardiomyopathie-Panel; ACTC1, DTNA, LDB3, MYBPC3, MYH7, TAZ, TNNT2, TPM1	EDTA-Blut, Citrat-Blut, DNA;DNA	Hybrid Capture, Sequencing-by-Synthesis (NGS) Illumina, Exom-Pipeline Wisplinghoff Version "megSAP 0.1-1350-g75ec48b",MLPA, Sequenzierung	AM-MO-136J, -177L, -234B, -136J	AG-MO-101Q, -114G, -134D, -144G	Thermocycler, Sequenzer, NextSeq
LongQT-Syndrom--Panel; CACNA1, CALM1, CAV3, KCNE1, KCNE2, KCNH2, KCNJ2, KCNJ5, KCNQ1, SCN4B, SCN5A, SNTA1	EDTA-Blut, Citrat-Blut, DNA;DNA	Hybrid Capture, Sequencing-by-Synthesis (NGS) Illumina, Exom-Pipeline Wisplinghoff Version "megSAP 0.1-1350-g75ec48b",MLPA, Sequenzierung	AM-MO-136J, -177L, -234B, -136J	AG-MO-101Q, -114G, -134D, -144G	Thermocycler, Sequenzer, NextSeq
LPA bei V. a. Lipoprotein(a)-Defizienz	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
MAPT1 bei V.a. fronto-temporale Demenz	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
Marfan-Panel; FBN1, TGFB1, TGFB2	EDTA-Blut, Citrat-Blut, CVS, AC, DNA; DNA	Hybrid Capture, Sequencing-by-Synthesis (NGS) Illumina, Exom-Pipeline Wisplinghoff Version "megSAP 0.1-1350-g75ec48b",MLPA, Sequenzierung	AM-MO-177L, -234B, -136J, -245E	AG-MO-101Q, -114G, -134D, -144G	Thermocycler, Sequenzer, NextSeq
Marfan-Syndrom-/Thorakale Aortenaneurysman-Panel; ACTA2, COL3A, FBN1, MYH11, MYKL, SMAD3, TGFB2, TGFB1, TGFB2	EDTA-Blut, Citrat-Blut, CVS, AC, DNA; DNA	Hybrid Capture, Sequencing-by-Synthesis (NGS) Illumina, Exom-Pipeline Wisplinghoff Version "megSAP 0.1-1350-g75ec48b",MLPA, Sequenzierung	AM-MO-136J, -177L, -234B, -136J	AG-MO-101Q, -114G, -134D, -144G	Thermocycler, Sequenzer, NextSeq
MeCP2; Rett-Syndrom	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung, MLPA	AM-MO-234B, -136J, -177L	AG-MO-101Q, -114G	Thermocycler, Sequenzer
MEFV; familiäres Mittelmeerfieber (FMF)	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung MLPA	AM-MO-234B, -136J, -177L	AG-MO-101Q, -114G	Thermocycler, Sequenzer
MEN1; multiple endokrine Neoplasie Typ 1	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung, MLPA	AM-MO-234B, -136J, -177L	AG-MO-101Q, -114G	Thermocycler, Sequenzer

Metabolische Myopathie-Panel; ACADM, ACADS, ACADVL, CPT2, ETFA, ETFB, ETFDH, HADHA, HADHB, SLC25A20	EDTA-Blut, Citrat-Blut, DNA;DNA	Hybrid Capture, Sequencing-by-Synthesis (NGS) Illumina, Exom-Pipeline Wisplinghoff Version "megSAP 0.1-1350-g75ec48b",MLPA, Sequenzierung	AM-MO-136J, -177L, -234B, -136J	AG-MO-101Q, -114G, -134D, -144G	Thermocycler, Sequenzer, NextSeq
MFN2 bei V.a. HMSN	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung, MLPA	AM-MO-234B, -136J, -177L	AG-MO-101Q, -114G	Thermocycler, Sequenzer
MID1; Opitz-G-Syndrom Typ 1	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
Migräne-Panel (fam. Hemiplegische); ATP1A2, ATP1A3, CACNA1A, SCN1A, SLC2A1	EDTA-Blut, Citrat-Blut, DNA;DNA	Hybrid Capture, Sequencing-by-Synthesis (NGS) Illumina, Exom-Pipeline Wisplinghoff Version "megSAP 0.1-1350-g75ec48b",MLPA, Sequenzierung	AM-MO-136J, -177L, -234B, -136J	AG-MO-101Q, -114G, -134D, -144G	Thermocycler, Sequenzer, NextSeq
Mikrosatelliten-Instabilität (MSI)	FFPE, DNA; DNA,RNA	Fragmentanalyse, Sequenzierung	AM-MO-223C	AG-MO-101Q, -114G	Thermocycler, Sequenzer
MLH1; Lynch-Syndrom; HNPCC	FFPE, DNA; DNA	Sequenzierung, MLPA	AM-MO-234B, -136J, -177L	AG-MO-101Q, -114G	Thermocycler Sequenzer
MLL-AF4-Fusionengen; akute lymphatische Leukemia ALL	EDTA-Blut, EDTA-KM, Citrat-Blut, cDNA, RNA; cDNA	realtime PCR	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler Sequenzer
MODY-Panel; GCK, HNF1A, HNF4A, PDX1, HNF1B	EDTA-Blut, Citrat-Blut, DNA;DNA	Hybrid Capture, Sequencing-by-Synthesis (NGS) Illumina, Exom-Pipeline Wisplinghoff Version "megSAP 0.1-1350-g75ec48b",MLPA, Sequenzierung	AM-MO-177L, -234B, -136J, -245E	AG-MO-101Q, -114G, -144G, -249A	Thermocycler, Sequenzer, NextSeq
Morbus Osler-Panel; ACVRL1, ENG, SMAD4A, BMPR2, GDF2	EDTA-Blut, Citrat-Blut, DNA;DNA	Hybrid Capture, Sequencing-by-Synthesis (NGS) Illumina, Exom-Pipeline Wisplinghoff Version "megSAP 0.1-1350-g75ec48b",MLPA, Sequenzierung	AM-MO-136J, -177L, -234B, -136J	AG-MO-101Q, -114G, -134D, -144G	Thermocycler, Sequenzer, NextSeq
MPL; Thrombopoetinrezeptordefekt; essentielle Thrombozythämie (ET)	EDTA-Blut, EDTA-KM, Citrat-Blut, DNA; DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
MPN Stufendiagnostik; JAK2, CALR, MPL	EDTA-Blut, EDTA-KM, Citrat-Blut, DNA; DNA	Amplicon-PCR, Sequencing-by-Synthesis (NGS), IonTorrent, Sequenzierung	AM-MO-234B, -136J, -246	AG-MO-101Q, -114G, --146CC, -138E	Thermocycler, Sequenzer, S5/S5 Ion Chef
MSH2; Lynch-Syndrom; HNPCC	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung, MLPA	AM-MO-234B, -136J, -177L	AG-MO-101Q, -114G	Thermocycler, Sequenzer
MSH6; Lynch-Syndrom; HNPCC	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung, MLPA	AM-MO-234B, -136J, -177L	AG-MO-101Q, -114G	Thermocycler, Sequenzer
MTHFR; Thromboembolie-Risiko	EDTA-Blut, Citrat-Blut, DNA;DNA	reverse Hybridisierung, Sequenzierung	AM-MO-107L	AG-MO-101Q, -109E	Thermocycler, Sequenzer
MUTYH; fam. Adenomatöse Polyposis FAP2	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
MVK; Hyper-IgD-Fiebersyndrom (HIDS)	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
MYBPC3; Kardiomyopathie, dilatativ; fam. Hypertroph	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung, MLPA	AM-MO-234B, -136J, -177L	AG-MO-101Q, -114G	Thermocycler, Sequenzer
MYD88; V. a. Waldenström-Makroglobulinämie	EDTA-Blut, EDTA-KM, Citrat-Blut, DNA; DNA	Sequenzierung, ARMS- PCR, Gelelektrophorese	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
MYH7; Kardiomyopathie, dilatativ; fam. Hypertroph	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung, MLPA	AM-MO-234B, -136J, -177L	AG-MO-101Q, -114G	Thermocycler, Sequenzer
NAT2; N-Acetyltransferase-2	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer

NBIA-Panel(Neurodegeneration mit Eisenspeicherung im Gehirn); ATP13A2, C19orf12, CP, DCAF17, FA2H, FTL, PANK2, PLA2G8, SCP2	EDTA-Blut, Citrat-Blut, DNA;DNA	Hybrid Capture, Sequencing-by-Synthesis (NGS) Illumina, Exom-Pipeline Wisplinghoff Version "megSAP 0.1-1350-g75ec48b",MLPA, Sequenzierung	AM-MO-136J, -177L, -234B, -136J	AG-MO-101Q, -114G, -134D, -144G	Thermocycler, Sequenzer, NextSeq
NEFL bei V.a. Charcot-Marie-Tooth-Sndr. Typ E/F	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung, MLPA	AM-MO-234B, -136J, -177L	AG-MO-101Q, -114G	Thermocycler, Sequenzer
NEUROD1 bei V.a. MODY-Typ6	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
NF1; V. a. Neurofibromatose Typ 1	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung, MLPA	AM-MO-234B, -136J, -177L	AG-MO-101Q, -114G	Thermocycler, Sequenzer
NF2; Neurofibromatose Typ 2	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung, MLPA	AM-MO-234B, -136J, -177L	AG-MO-101Q, -114G	Thermocycler, Sequenzer
Nicht-invasiver Pränataltest (NIPT)	Vollblut; cffDNA	Hybrid Capture, Sequencing-by-Synthesis (NGS) Illumina, custom pipeline	AM-MO-250C	AG-MO-239A, AG-MO-144G	Hamilton, NextSeq
NLRP3; Muckle-Wells-Syndrom	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
NOD2; Morbus Crohn	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
NOTCH1 bei V.a. CLL	EDTA-Blut, EDTA-KM, Citrat-Blut, DNA; DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
NOTCH3; CADASIL-Syndrom	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung, MLPA	AM-MO-234B, -136J, -177L	AG-MO-101Q, -114G	Thermocycler, Sequenzer
NPM1; Prognosemarker AML	EDTA-Blut, EDTA-KM, Citrat-Blut, DNA; DNA	Sequenzierung, Fragmentanalyse	AM-MO-200C	AG-MO-101Q, -114G	Thermocycler, Sequenzer
NRAS	EDTA-Blut, EDTA-KM, Citrat-Blut, DNA; DNA	PCR, line probe assay	AM-MO-107L	AG-MO-101Q, -109E	Thermocycler, Sequenzer
NSD1; Sotos-Syndrom	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung, MLPA	AM-MO-234B, -136J, -177L	AG-MO-101Q, -114G	Thermocycler, Sequenzer
Oncomine Focus Panel; AKT1, ALK, APC, AR, BRAF, BRCA1, CCND1, CDK4, CDK6, CTNNB1, CDUN1D1, DDR2, EGFR, ERBB2-4, ESR1, FGFR2-4, GNA11, GNAQ, HRAS, IDH1-2, JAK1-3, KIT, KRAS, MAP2K1, MAP2K2, MED12, MET, MTOR, MYC, MYCN, NF1, NRAS, PDGFRA, PIK3CA, RAF1, RET, ROS1, SMO	FFPE; DNA,cDNA	Amplicon-PCR, Sequencing-by-Synthesis (NGS), Illumina, Exom-Pipeline Wisplinghoff Version "megSAP 0.1-1350-g75ec48b",MLPA, Sequenzierung	AM-MO-234B, -136J, -182L, -251B	AG-MO-101Q, -114G, -146C, -138E	Thermocycler, S5/S5 Ion Chef
PAI-/SERPINE; Plasminogen Activator Inhibitor-1 Deficiency	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
Patho-Hotspot-Mutationspanel; NRAS, ALK, EML4, PIK3CA, KIT, EGFR, BRAF, KRAS, AKT1, TP53, ERBB2	FFPE, DNA; DNA	Amplicon-PCR, Sequencing-by-Synthesis (NGS), IonTorrent, NextGENe 2.4.2.2, Variant Caller 5.18.1	AM-MO-234B, -136J, -182L	AG-MO-101Q, -114G, -146C, -138E	Thermocycler, S5/S5 Ion Chef
PCCA bei V.a. Propionazidämie	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung, MLPA	AM-MO-234B, -136J, -177L	AG-MO-101Q, -114G	Thermocycler, Sequenzer
PCDH19; bei V. a. Epilepsie	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung, MLPA	AM-MO-234B, -136J, -177L	AG-MO-101Q, -114G	Thermocycler, Sequenzer
PCSK9; fam. Hypercholesterinämie (FH, Typ PCSK9)	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung, MLPA	AM-MO-234B, -136J, -177L	AG-MO-101Q, -114G	Thermocycler, Sequenzer
PDGFRA	EDTA-Blut, EDTA-KM, Citrat-Blut, DNA; DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
PKD1; polyzystische Nierenerkrankung, AD	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
PML-RARA-Fusionsgen; Leukämie, akut promyeloisch; APL; M3 (PML-RARA)	EDTA-Blut, EDTA-KM, Citrat-Blut, cDNA, RNA; cDNA	Fragmentanalyse, real-time PCR	AM-MO-178, -192	AG-MO-101, -114, -117	Thermocycler, Sequenzer, LighCycler
PMP22; Charcot-Marie-Tooth Typ 1A (CMT1A), HNPP	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung, MLPA	AM-MO-234B, -136J, -177L	AG-MO-101Q, -114G	Thermocycler, Sequenzer
PMS2; Lynch-Syndrom; HNPCC	EDTA-Blut, Citrat-Blut, DNA;DNA	PCR, MLPA	AM-MO-234B, -136J, -177L	AG-MO-101Q, -114G	Thermocycler, Sequenzer
PNPLA3; Adiponutrin-Risikovariante	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer



POF-Panel(premature Ovarialinsuffizienz); FSHR, FIGLA, NOBOX, NR5A1, ERCC6, BMP15, DIAPH2, FOXL2	EDTA-Blut, Citrat-Blut, DNA;DNA	Hybrid Capture, Sequencing-by-Synthesis (NGS) Illumina, Exom-Pipeline Wisplinghoff Version "megSAP 0.1-1350-g75ec48b",MLPA, Sequenzierung	AM-MO-136J, -177L, -234B, -136J	AG-MO-101Q, -114G, -134D, -144G	Thermocycler, Sequenzer, NextSeq
PON1; Paraoxonase 1 Enzymdefizienz	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
POT1; Protection Of Telomeres Protein 1	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
PROC1; ProteinC-Defizienz (autos. dominant oder rezessiv)	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung; MLPA	AM-MO-234B, -136J, -177L	AG-MO-101Q, -114G	Thermocycler, Sequenzer
PROK2; Kallmann-Syndrom Typ 4; hypogonadotroper Hypogonadismus	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
PROS1; V.a. ProteinS-Defizienz	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung, MLPA	AM-MO-234B, -136J, -177L	AG-MO-101Q, -114G	Thermocycler, Sequenzer
PRPS1; Hyperurikämie/Gicht	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
PRSS1; hereditäre Pankreatitis	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung, MLPA	AM-MO-234B, -136J, -177L	AG-MO-101Q, -114G	Thermocycler, Sequenzer
PSEN1 bei V.a. fam. Alzheimer Demenz Typ 3	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
PTPN11; Noonan-Syndrom (NS1)	EDTA-Blut, Citrat-Blut, CVS, AC, DNA; DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
PWS-Imprintregion; Prader-Willi-Syndrom	EDTA-Blut, Citrat-Blut, CVS, AC, DNA; DNA	MLPA	AM-MO-148D	AG-MO-101Q, -114G	Thermocycler, Sequenzer
RAD51C-/BRCA3-Gen; fam. Brust- und Eierstockkrebs Typ3 (BRCA3)	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
RAF1; Noonan-Syndrom (NS5)	EDTA-Blut, Citrat-Blut, CVS, AC, DNA; DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
RAG1; Omenn-Syndrom	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
Rasopathie-/Noonan-Syndrom-Panel; BRAF, CBL, HRAS, KRAS, MAP2K1, MAP2K2, NRAS, PTPN11, RAF1, SHOC2, SOS1, SPRED1, RIT1	EDTA-Blut, Citrat-Blut, CVS, AC, DNA; DNA	Hybrid Capture, Sequencing-by-Synthesis (NGS) Illumina, Exom-Pipeline Wisplinghoff Version "megSAP 0.1-1350-g75ec48b",MLPA, Sequenzierung	AM-MO-136J, -177L, -234B, -136J	AG-MO-101Q, -114G, -134D, -144G	Thermocycler, Sequenzer, NextSeq
ret-Onkogen; multiple endokrine Neoplasie Typ 2 (MEN2)	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
RhCE; Rhesus-Blutgruppen-Antigene	EDTA-Blut, Citrat-Blut, DNA;DNA	SSP-PCR	AM-MO-290A	AG-MO-101Q	Thermocycler
RHD; Dpartial-PCR	EDTA-Blut, Citrat-Blut, DNA;DNA	SSP-PCR	AM-MO-290A	AG-MO-101Q	Thermocycler
RHD; Dweak-PCR	EDTA-Blut, Citrat-Blut, DNA;DNA	SSP-PCR	AM-MO-290A	AG-MO-101Q	Thermocycler
RhD; Rhesusfaktor D	EDTA-Blut, Citrat-Blut, DNA;DNA	Realtime PCR	AM-MO-290A	AM-MO-117K	Lightcycler
RhD; Rhesusfaktor D	EDTA-Blut, Citrat-Blut, DNA;DNA	SSP-PCR	AM-MO-290A	AG-MO-101Q	Thermocycler
RhD; Rhesusfaktor D	Vollblut; cffDNA	Realtime PCR	AM-MO-290A	AG-MO-254A, -255A	QIASymphony, QuantStudio 6 Flex,
RPS6KA3; Coffin-Lowry-Syndrom (CLS)	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
SCN1A; infantile Myoclonus-Epilepsie (Dravet-Syndrom)	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung, MLPA	AM-MO-234B, -136J, -177L	AG-MO-101Q, -114G	Thermocycler, Sequenzer
SCN4A; Paramyotonia congenita	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung, MLPA	AM-MO-234B, -136J, -177L	AG-MO-101Q, -114G	Thermocycler, Sequenzer
SCN5A; LongQT-Syndrom Typ 3	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung, MLPA	AM-MO-234B, -136J, -177L	AG-MO-101Q, -114G	Thermocycler, Sequenzer
SF3B1; Mutationsanalyse bei V. a. MDS	EDTA-Blut, EDTA-KM, Citrat-Blut, DNA; DNA	Amplicon-PCR, Sequencing-by-Synthesis (NGS), IonTorrent, NextGENe 2.4.2.2, Variant Caller 5.18.1	AM-MO-234B, -136J, -182L	AG-MO-101Q, -114G, -146C, -138E	Thermocycler, Sequenzer, S5/S5 Ion Chef
SHOX bei V.a. idiopathischen Minderwuchs, Leri-Weill-Syndrom	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung, MLPA	AM-MO-234B, -136J, -177L	AG-MO-101Q, -114G	Thermocycler, Sequenzer
SLC26A4; Pendred-Syndrom	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer

SLC40A1-/Ferroportin; Hämochromatose Typ 4 (HFE4)	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung, MLPA	AM-MO-234B, -136J, -177L	AG-MO-101Q, -114G	Thermocycler, Sequenzer
SMN1; Spinale Muskelatrophie (SMA)	EDTA-Blut, Citrat-Blut, CVS, AC, DNA; DNA	MLPA	AM-MO-177L	AG-MO-101Q, -114G	Thermocycler, Sequenzer
SMPD1; V. a. Niemann-Pick-Erkrankung Typ A/B	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
SNCA; Parkinson, autosomal dominant Typ 1; Lewy-Body-Demenz	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
SOD1, Superoxid-Dismutase Typ 1; bei V.a. Amyotrophe Lateralsklerose (ALS)	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
SOD2; Superoxid Dismutase 2	EDTA-Blut, Citrat-Blut, DNA;DNA	PCR, Pyrosequenzierung	AM-MO-202F	AG-MO-101Q, -130E	Thermocycler, Pyromark-Sequenzer
SOS1; Noonan-Syndrom (NS4)	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
spastische Paraplegie-Panel; ATL1, CYP7B1, KIF5A, NIPA1, REEP1, SPAST, SPG7, SPG11	EDTA-Blut, Citrat-Blut, DNA;DNA	Hybrid Capture, Sequencing-by-Synthesis (NGS) Illumina, Exom-Pipeline Wisplinghoff Version "megSAP 0.1-1350-g75ec48b",MLPA, Sequenzierung	AM-MO-136J, -177L, -234B, -136J	AG-MO-101Q, -114G, -134D, -144G	Thermocycler, Sequenzer, NextSeq
SPG11;V. a. spastische Paraplegie Typ 11	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung, MLPA	AM-MO-234B, -136J, -177L	AG-MO-101Q, -114G	Thermocycler, Sequenzer
SPG31; V. a. spastische Paraplegie Typ 31	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
SPG3A; V. a. spastische Paraplegie Typ 3	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
SPG4; V. a. spastische Paraplegie Typ 4	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
SPG7; V. a. spastische Paraplegie Typ 7	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
SPINK1; hereditäre Pankreatitis	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung, MLPA	AM-MO-234B, -136J, -177L	AG-MO-101Q, -114G	Thermocycler, Sequenzer
SPRED1; V. a. Legius-Syndrom	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung, MLPA	AM-MO-234B, -136J, -177L	AG-MO-101Q, -114G	Thermocycler, Sequenzer
SRD5A2; Steroid-Reduktase 5 Alpha2-Gen Polymorphismus	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
SRSF2 bei V.a. CMML	EDTA-Blut, EDTA-KM, Citrat-Blut, DNA; DNA	Sequenzierung, Amplicon-PCR, Sequencing-by-Synthesis (NGS), IonTorrent, NextGENe 2.4.2.2, Variant Caller 5.18.1	AM-MO-234B, -136J, -182L	AG-MO-101Q, -114G, -146C, -138E	Thermocycler, Sequenzer, S5/S5 Ion Chef
SRY; Gonadendysgenese	EDTA-Blut, Citrat-Blut, CVS, AC, DNA; DNA	Realtime PCR, Sequenzierung	AM-MO-199C	AG-MO-117K, -101Q, -114G	Lightcycler, Thermocycler, Sequenzer
STK11; V. a. Peutz-Jeghers-Syndrom	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung, MLPA	AM-MO-234B, -136J, -177L	AG-MO-101Q, -114G	Thermocycler, Sequenzer
TCR-Klonalität bei T-cell CLL	EDTA-Blut, EDTA-KM, Citrat-Blut, DNA; DNA	Fragmentanalyse	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
TECRL; V.a. catecholaminerge ventrikuläre Tachykardie	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
TEL-AML1-Fusionsgen	EDTA-Blut, EDTA-KM, Citrat-Blut, cDNA, RNA; cDNA	Realtime PCR	AM-MO-192C	AG-MO-117K, -101Q, -114G	Lightcycler
TET2; bei V.a. MDS; AML	EDTA-Blut, EDTA-KM, Citrat-Blut, DNA; DNA	Sequenzierung, Amplicon-PCR, Sequencing-by-Synthesis (NGS), IonTorrent, NextGENe 2.4.2.2, Variant Caller 5.18.1	AM-MO-178E	AG-MO-101Q, -114G, -146C, -138E	Thermocycler, Sequenzer, PGM, S5
TFR2; Hämochromatose, Typ 3 HFE3)	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung, MLPA	AM-MO-234B, -136J, -177L	AG-MO-101Q, -114G	Thermocycler, Sequenzer
THRB; Thyroid-Hormonrezeptor, beta	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer

TMPRSS6; Eisenmangel-Anämie;	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
TNFRSF1A; Periodisches Fiebersyndrom Typ TRAPS	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
TNNI3; Kardiomyopathie, dilatativ; fam. hypertroph; fam. Restriktiv	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
TNNT2; Kardiomyopathie, dilatativ; fam. hypertroph; fam. restriktiv	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
TP53; Tumorprotein p53	EDTA-Blut, EDTA-KM, Citrat-Blut, DNA; DNA	Sequenzierung, Amplicon-PCR, Sequencing-by-Synthesis (NGS), IonTorrent, NextGENe 2.4.2.2, Variant Caller 5.18.1	AM-MO-234B, -136J, -182L	AG-MO-101Q, -114G, -146C, -138E	Thermocycler, Sequenzer, S5/S5 Ion Chef
TPMT; Thiopurin-S-Methyltransferase-Defizienz	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
TTR; Amyloidosis, hereditary, transthyretin-related	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
UBE3A-Imprintdefekt oder -Deletion; Angelman-Syndrom (AS);	EDTA-Blut, Citrat-Blut, DNA;DNA	MLPA	AM-MO-148D	AG-MO-101Q, -114G	Thermocycler, Sequenzer
UGT1A1; Morbus Meulengracht / Crigler-Nayar-Syndrom	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
UGTA1A6;UDP-Glycosyltransferase 1 Family, Polypeptide A6	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
VDR; Risikopolymorphismus f. Osteoporose	EDTA-Blut, Citrat-Blut, DNA;DNA	PyroSequenzierung	AM-MO-202F	AG-MO-101Q, -130E	Thermocycler, Pyromark-Sequenzer
VHL; von-Hippel-Lindau-Syndrom	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
VKORC1; Warfarin-Defizienz	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
WAS; V.a. Wiskott-Aldrich-Syndrom	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung, MLPA	AM-MO-234B, -136J, -177L	AG-MO-101Q, -114G	Thermocycler, Sequenzer
Whole-Exome-Sequenzierung (WES)	EDTA-Blut, EDTA-KM, Heparin-Blut, Heparin-KM, Mundschleimhautabstrich, DNA; DNA	Hybrid Capture, Sequencing-by-Synthesis (NGS) Illumina, Exom-Pipeline Wisplinghoff Version "megSAP 0.1-1350-g75ec48b"	AM-MO-245E	AG-MO-136F, -101Q, -249A, -144G	Biomek, Thermocycler, NextSeq
XK; Mcleod-Syndrom	EDTA-Blut, Citrat-Blut, DNA;DNA	Sequenzierung	AM-MO-234B, -136J	AG-MO-101Q, -114G	Thermocycler, Sequenzer
Y-chrom. DNA-Abschnitte; Detektion von Y-Chromosom	EDTA-Blut, Citrat-Blut, CVS, AC, DNA; DNA	Multiplex-PCR	AM-MO-133C	AG-MO-101Q	Thermocycler
	EDTA-Blut, Citrat-Blut, CVS, AC, DNA; DNA	Sequenzierung, MLPA	AM-MO-234B, -136J, -177L	AG-MO-101Q, -114G	Thermocycler, Sequenzer

## Untersuchungsgebiet: Humangenetik (Zytogenetik)

### Untersuchungsart: Chromosomenanalyse\*\*

Analyt (Messgröße)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/Version	Gerät	Gerät
Angeborener Chromosomensatz	Abortmaterial	Chromosomenbänderungsanalyse	AM-CY-103M	AG-CY-100K, -101L	Ikaros / Isis
Angeborener Chromosomensatz	Fruchtwasser	Chromosomenbänderungsanalyse	AM-CY-100S	AG-CY-100K, -101L	Ikaros / Isis
Angeborener Chromosomensatz	Li- Heparin- Blut	Chromosomenbänderungsanalyse	AM-CY-101T	AG-CY-100K, -101L	Ikaros / Isis
Erworbener Chromosomensatz	Li- Heparin- Blut und Knochenmark	Chromosomenbänderungsanalyse	AM-CY-110G	AG-CY-100K, -101L	Ikaros / Isis
Angeborener und erworbener Chromosomensatz	EDTA und Li- Heparin Blut und Knochenmark	FISH mit spezifischen Sonden	AM-CY-109H	AG-CY-100K, -101L	Ikaros / Isis
Angeborener Chromosomensatz	Fruchtwasser, Blut	FISH mit spezifischen Sonden, Mikrodeletions-Translokations-Syndrome	AM-CY-105O	AG-CY-100K, -101L	Ikaros / Isis
Erworbener Chromosomensatz	Urin	FISH mit spezifischen Sonden, Urothelcarcinom-Rezidiv (UroVysion)	AM-CY-107L	AG-CY-100K, -101L	Ikaros / Isis

## Untersuchungsgebiet: Mikrobiologie

### Untersuchungsart: Agglutinationsteste\*\*

Analyt (Messgröße)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/Version	Gerät	Gerät
ASTA	Serum	Partikelagglutination	AM-SE-132F	AG-SE-256C	manuell
Candida-Antigen	Serum	Latexagglutination	AM-HO-142A	AG-HO-110B	manuell
Cryptococcus neoformans	Liquor, Serum	Latex-Test	AM-MI-100M		manuell
Malaria-Ag	EDTA-Blut	immunchromatographisch (ST)	AM-MI-113J		manuell
Pneumokokken	Liquor, Urin	Lateraler Durchlusstest (ST)	AM-MI-136E		manuell
Streptococcus pyogenes	Abstrich, Reinkultur	immunchromatographisch (ST)	AM-MI-126D		manuell
Treponema pallidum (TPHA)	Serum, Plasma, Liquor	Agglutination	AM-SE-114J	AG-SE-219E	manuell
Treponema pallidum (VDRL-Test)	Serum, Plasma	Partikelagglutination	AM-SE-116E	AG-SE-256C	manuell

### Untersuchungsart: Empfindlichkeitstestung von Bakterien und Pilzen\*\*

Analyt (Messgröße)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/Version	Gerät	Gerät
Bakterien, Pilze	Reinkultur	Break-Point Bestimmung	AM-MI-135B	AG-MI-109C	Vitek
Bakterien, Pilze	Reinkultur	Break-Point Bestimmung MHK-Bestimmung	AM-MI-316E	AG-MI-226K	WalkAway
Bakterien, Pilze	Reinkultur	Agardiffusion, Gradientendiffusion	AM-MI-132I, -304H		manuell

**Untersuchungsart:**
**Keimdifferenzierung / Identifizierung / Typisierung \*\***

Analyt (Messgröße)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/Version	Gerät	Gerät
Anaerobier	Reinkultur	biochemisch, massenspektrometrisch, molekularbiologisch	AM-MI-135B, -133E, -316D	AG-MI-109C, -226K, -107E, AG-MO-114G,-122H	Vitek,WalkAway, Maldi, Sequenzer
Bacillus	Reinkultur	biochemisch, massenspektrometrisch, molekularbiologisch	AM-MI-135B, -133E, -316D	AG-MI-109C, -226K, -107E, AG-MO-114G,-122H	Vitek,WalkAway, Maldi, Sequenzer
Campylobacter spp.	Reinkultur	biochemisch, massenspektrometrisch, molekularbiologisch	AM-MI-135B, -133E, -316D	AG-MI-109C, -226K, -107E, AG-MO-114G,-122H	Vitek,WalkAway, Maldi, Sequenzer
Clostridien	Reinkultur	biochemisch, massenspektrometrisch, molekularbiologisch	AM-MI-135B, -133E, -316D	AG-MI-109C, -226K, -107E, AG-MO-114G,-122H	Vitek,WalkAway, Maldi, Sequenzer
Corynebakterien	Reinkultur	biochemisch, massenspektrometrisch, molekularbiologisch	AM-MI-135B, -133E, -316D	AG-MI-109C, -226K, -107E, AG-MO-114G,-122H	Vitek,WalkAway, Maldi, Sequenzer
Enterobacteriaceae incl. 2MRGN, 3MRGN, 4MRGN	Reinkultur	biochemisch, massenspektrometrisch, molekularbiologisch	AM-MI-135B, -133E, -316D	AG-MI-109C, -226K, -107E, AG-MO-114G,-122H	Vitek,WalkAway, Maldi, Sequenzer
Gardnerella spp.	Reinkultur	biochemisch, massenspektrometrisch, molekularbiologisch	AM-MI-135B, -133E, -316D	AG-MI-109C, -226K, -107E, AG-MO-114G,-122H	Vitek,WalkAway, Maldi, Sequenzer
Haemophilus spp.	Reinkultur	biochemisch, massenspektrometrisch, molekularbiologisch	AM-MI-135B, -133E, -316D	AG-MI-109C, -226K, -107E, AG-MO-114G,-122H	Vitek,WalkAway, Maldi, Sequenzer
Hefepilze, Dermatophyten, Schimmelpilze	Reinkultur	biochemisch, massenspektrometrisch, molekularbiologisch	AM-MI-135B, -133E, -316D	AG-MI-109C, -226K, -107E, AG-MO-114G,-122H	Vitek,WalkAway, Maldi, Sequenzer
Listerien	Reinkultur	biochemisch, massenspektrometrisch, molekularbiologisch	AM-MI-135B, -133E, -316D	AG-MI-109C, -226K, -107E, AG-MO-114G,-122H	Vitek,WalkAway, Maldi, Sequenzer
Mycoplasma hominis, Ureaplasma urealyticum	Reinkultur	biochemisch, massenspektrometrisch, molekularbiologisch	AM-MI-135B, -133E, -316D	AG-MI-109C, -226K, -107E, AG-MO-114G,-122H	Vitek,WalkAway, Maldi, Sequenzer
Neisseriaceae spp., N. meningitidis, N. gonorrhoeae	Reinkultur	biochemisch, massenspektrometrisch, molekularbiologisch	AM-MI-135B, -133E, -316D	AG-MI-109C, -226K, -107E, AG-MO-114G,-122H	Vitek,WalkAway, Maldi, Sequenzer
Pasteurella ssp.	Reinkultur	biochemisch, massenspektrometrisch, molekularbiologisch	AM-MI-135B, -133E, -316D	AG-MI-109C, -226K, -107E, AG-MO-114G,-122H	manuell
Pseudomonaden und andere Nonfermenter	Reinkultur	biochemisch, massenspektrometrisch, molekularbiologisch	AM-MI-135B, -133E, -316D	AG-MI-109C, -226K, -107E, AG-MO-114G,-122H	manuell

Staphylokokken (incl. MRSA)	Reinkultur	biochemisch, massenspektrometrisch, molekularbiologisch	AM-MI-135B, -133E, -316D	AG-MI-109C, -226K, -107E, AG-MO-114G,-122H	manuell
Streptococcaceae inkl. VRE	Reinkultur	biochemisch, massenspektrometrisch, molekularbiologisch	AM-MI-135B, -133E, -316D	AG-MI-109C, -226K, -107E, AG-MO-114G,-122H	manuell
Vibrionaceae	Reinkultur	biochemisch, massenspektrometrisch, molekularbiologisch	AM-MI-135B, -133E, -316D	AG-MI-109C, -226K, -107E, AG-MO-114G,-122H	manuell

**Untersuchungsart:  
Kulturelle Untersuchungen\*\***

Analyt (Messgröße)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/Version	Gerät	Gerät
Anaerobier	Abstriche, Blutkulturen und Nativmaterialien (z.B. Punktate, Sekrete, Ascites, Urin, Liquor)	Anzucht	AM-MI-135B, -133E, -316E	AG-MI-109C, -226K, -107E, AG-MO-114G,-122H	manuell
Bacillus	Abstriche, Blutkulturen und Nativmaterialien (z.B. Punktate, Sekrete, Ascites, Urin, Liquor)	Anzucht	AM-MI-103J	AG-MI-109C, -226K, -107E, AG-MO-114G,-122H	manuell
Campylobacter spp.	Stuhl, Blutkulturen	Anzucht	AM-MI-119J	AG-MI-109C, -226K, -107E, AG-MO-114G,-122H	manuell
Clostridien	Abstriche, Blutkulturen und Nativmaterialien (z.B. Punktate, Sekrete, Ascites, Urin, Liquor, Stuhl)	Anzucht	AM-MI-106K	AG-MI-109C, -226K, -107E, AG-MO-114G,-122H	manuell
Corynebakterien	Abstriche, Blutkulturen und Nativmaterialien (z.B. Punktate, Sekrete, Ascites, Urin, Liquor)	Anzucht	AM-MI-109K	AG-MI-109C, -226K, -107E, AG-MO-114G,-122H	manuell
Enterobacteriaceae inkl. ESBL, 4MRGN	Abstriche, Blutkulturen und Nativmaterialien (z.B. Punktate, Sekrete, Ascites, Urin, Liquor)	Anzucht	AM-MI-102K, -116O	AG-MI-109C, -226K, -107E, AG-MO-114G,-122H	manuell
Gardnerella spp.	Abstriche, Blutkulturen und Nativmaterialien (z.B. Punktate, Sekrete, Ascites, Urin, Liquor)	Anzucht	AM-MI-115J	AG-MI-109C, -226K, -107E, AG-MO-114G,-122H	manuell
Haemophilus spp.	Abstriche, Blutkulturen und Nativmaterialien (z.B. Punktate, Sekrete, Ascites, Urin, Liquor)	Anzucht	AM-MI-112K	AG-MI-109C, -226K, -107E, AG-MO-114G,-122H	manuell
Hefepilze, Dermatophyten, Schimmelpilze	Abstriche, Blutkulturen und Nativmaterialien (z.B. Punktate, Sekrete, Ascites, Urin, Liquor)	Anzucht	AM-MI-120L	AG-MI-109C, -226K, -107E, AG-MO-114G,-122H	manuell
Helicobacter pylori	Magen-Biopsie	Anzucht	AM-MI-322E	AG-MI-109C, -226K, -107E, AG-MO-114G,-122H	manuell
Listerien	Abstriche, Blutkulturen und Nativmaterialien (z.B. Punktate, Sekrete, Ascites, Urin, Liquor)	Anzucht	AM-MI-101J	AG-MI-109C, -226K, -107E, AG-MO-114G,-122H	manuell

Mycoplasma hominis, Ureaplasma urealyticum	Abstriche, Blutkulturen und Nativmaterialien (z.B. Punktate, Sekrete, Ascites, Urin, Liquor)	Anzucht	AM-MI-107L	AG-MI-109C, -226K, -107E, AG-MO-114G,-122H	manuell
Mykobakterien	Nativmaterialien (z.B. Punktate, Sekrete, Ascites, Urin, Liquor)	Anzucht	AM-MI-123Q	AG-MI-109C, -226K, -107E, AG-MO-114G,-122H	manuell
Mykobakterien	Reinkultur	biochemisch, massenspektrometrisch, molekularbiologisch	AM-MI-123Q	AG-MI-220E	MGIT
Neisseriaceae spp., N. meningitidis, N. gonorrhoeae	Abstriche, Blutkulturen und Nativmaterialien (z.B. Punktate, Sekrete, Ascites, Urin, Liquor)	Anzucht	AM-MI-117L	AG-MI-109C, -226K, -107E, AG-MO-114G,-122H	manuell
Pasteurella spp.	Abstriche, Blutkulturen und Nativmaterialien (z.B. Punktate, Sekrete, Ascites, Urin, Liquor)	Anzucht	AM-MI-111I	AG-MI-109C, -226K, -107E, AG-MO-114G,-122H	manuell
Pseudomonaden und andere Nonfermenter	Abstriche, Blutkulturen und Nativmaterialien (z.B. Punktate, Sekrete, Ascites, Urin, Liquor)	Anzucht	AM-MI-104I	AG-MI-109C, -226K, -107E, AG-MO-114G,-122H	manuell
Staphylokokken (incl. MRSA)	Abstriche, Blutkulturen und Nativmaterialien (z.B. Punktate, Sekrete, Ascites, Urin, Liquor)	Anzucht	AM-MI-108M	AG-MI-109C, -226K, -107E, AG-MO-114G,-122H	manuell
Streptococcaceae inkl. VRE	Abstriche, Blutkulturen und Nativmaterialien (z.B. Punktate, Sekrete, Ascites, Urin, Liquor)	Anzucht	AM-MI-114I	AG-MI-109C, -226K, -107E, AG-MO-114G,-122H	manuell
Streptococcus agalactiae	Abstriche	Anzucht	AM-MI-114I	AG-MI-109C, -226K, -107E, AG-MO-114G,-122H	manuell
Vibrionaceae	Abstriche, Blutkulturen und Nativmaterialien (z.B. Punktate, Sekrete, Ascites, Urin, Liquor)	Anzucht	AM-MI-124G	AG-MI-109C, -226K, -107E, AG-MO-114G,-122H	manuell

### Untersuchungsart:

### Ligandenassays\*\*

Analyt (Messgröße)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/Version	Gerät	Gerät
Borrelia burgdorferi-IgG, -IgM	Serum, Plasma	CLIA	AM-SE-204H	AG-SE-257B	Liaison XL
Borrelia burgdorferi-IgG, -IgM	Serum, Plasma	Immunoblot	AM-SE-113L	AG-SE-120C	ProfiBlot 48
Campylobacter-IgG, -IgA	Serum, Plasma	ELISA	AM-SE-109L	AG-SE-256C	Workstation Elisa
Candida-IgA	Serum, EDTA-Plasma	ELISA	AM-HO-140A	AG-HO-111A	ELx800
Candida-IgG	Serum, EDTA-Plasma	ELISA	AM-HO-140A	AG-HO-111A	ELx800
Candida-IgM	Serum, EDTA-Plasma	ELISA	AM-HO-140A	AG-HO-111A	ELx800
Chlamydia trachomatis-IgA	Serum, Plasma	ELISA	AM-SE-109L	AG-SE-256C	Workstation Elisa
Chlamydia trachomatis-IgG	Serum, Plasma	ELISA	AM-SE-109L	AG-SE-256C	Workstation Elisa
Chlamydien	Serum, Plasma	Immunoblot	AM-SE-113L	AG-SE-120C	ProfiBlot 48
Chlamydia pneumoniae-IgG, -IgA	Serum, Plasma	ELISA	AM-SE-109L	AG-SE-256C	Workstation Elisa
Clostridium- difficile- Toxin A, B	Stuhl	ELISA	AM-MI-317H	AG-MI-108D	DSX
Diphtherie-Antitoxin	Serum, Plasma	ELISA	AM-SE-109L	AG-SE-256C	Workstation Elisa
Echinokokken IgG	Serum, Plasma	Immunoblot	AM-SE-231A	AG-SE-133D	EuroBlotter

Echinokokken	Serum, EDTA-, Heparin-Plasma	ELISA	AM-SE-109L	AG-SE-256C	Workstation Elisa
Glutamatdehydrogenase (GDH)	Stuhl	ELISA	AM-MI-317H	AG-MI-108D	DSX
Helicobacter pylori-AG	Stuhl	ELISA	AM-MI-317H	AG-MI-108D	DSX
Helicobacter pylori-IgA	Serum, Plasma	ImmunoBlot	AM-SE-113L	AG-SE-133D	ProfiBlot 48
Helicobacter pylori-IgA, -IgG	Serum, Plasma	ELISA	AM-SE-109L	AG-SE-256C	Workstation Elisa
Helicobacter pylori-IgG	Serum, Plasma	ImmunoBlot	AM-SE-113L	AG-SE-133D	ProfiBlot 48
Legionellen Antigen	Urin	ELISA	AM-SE-216C	AG-SE-105F	manuell
Legionellen Ak IgG/IgM	Serum/Plasma	Elisa	AM-SE-159J	AG-SE-134A	Virclia
Legionella spp.	Urin	Immuno-Assay	AM-MI-320E		manuell
Mycobacterium tuberculosis	Quantiferon-Röhrchen (Heparin)	CLIA	AM-SE-215D	AG-SE-257B	Liaison XL
Mykoplasmen-IgM, -IgG	Serum, Plasma	ELISA	AM-SE-109L	AG-SE-256C	Workstation Elisa
Pertussis Toxin-IgG, -IgA, -IgM	Serum, Plasma	ImmunoBlot	AM-SE-113L	AG-SE-120C	ProfiBlot 48
Pertussis-IgG, -IgA, -IgM	Serum, Plasma	ELISA	AM-SE-109L	AG-SE-256C	Workstation Elisa
Plasmodium IgG	Serum, EDTA-, Heparinplasma	ELISA	AM-SE-109L	AG-SE-256C	Workstation Elisa
Salmonellen-Screen und -IgA	Serum, EDTA-Plasma	ELISA	AM-HO-143A	AG-HO-111A	ELx800
Tetanus-IgG	Serum, Plasma	ELISA	AM-SE-109L	AG-SE-256C	Workstation Elisa
Toxoplasmose-IgG	Serum, Plasma	CMIA	AM-SE-208F	AG-SE-126H	Alinity
Toxoplasmose-IgG -Avidität	Serum, Plasma	CLIA	AM-SE-204H	AG-SE-257B	Liaison XL
Toxoplasmose-IgM	Serum, EDTA-, Heparinplasma	CMIA	AM-SE-208F	AG-SE-126H	Alinity
Treponema pallidum IgM	Serum/Plasma	ELISA	AM-SE-109L	AG-SE-256C	Workstation Elisa
Treponema pallidum IgM	Serum, Plasma	ImmunoBlot	AM-SE-113L	AG-SE-120C	ProfiBlot 48
Treponema pallidum Screen (IgG/IgM)	Serum, Plasma	ELISA	AM-SE-109L	AG-SE-256C	Workstation Elisa
Treponema pallidum-IgG	Serum, Plasma	ImmunoBlot	AM-SE-113L	AG-SE-120C	ProfiBlot 48
Treponema pallidum-IgG (Syphilis)	Serum, Plasma	CMIA	AM-SE-208F	AG-SE-126H	Alinity
Tuberkulose - Elispot	Litium-Heparin-Blut, Citrat-Blut	ELISA	AM-HO-120A	AG-HO-111A	manuell
Yersinien-IgA	Serum, Plasma	ImmunoBlot	AM-SE-113L	AG-SE-120C	ProfiBlot 48
Yersinien-IgG	Serum, Plasma	ImmunoBlot	AM-SE-113L	AG-SE-120C	ProfiBlot 48
Yersinien-IgG, IgA	Serum, EDTA-, Heparinplasma	ELISA	AM-SE-109L	AG-SE-256C	Workstation Elisa

## Untersuchungsart:

### Mikroskopie\*\*

Analyt (Messgröße)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/Version	Gerät	Gerät
Bakterien und Pilze	Abstriche, Blutkulturen und Nativmaterialien (z.B. Punktate, Sekrete, Ascites, Urin, Liquor)	Hellfeldmikroskopie nativ und nach Differentialfärbung (z.B. Gram, Ziehl-Neelsen)	AM-MI-309I	AG-MI-100L	Mikroskop
Cryptosporidien-Oocysten	Stuhl	Hellfeldmikroskopie	AM-MI-116O		Mikroskop
Plasmodien (Malaria-Diagnostik)	Ausstrich, dicker Tropfen	Hellfeldmikroskopie	AM-MI-113J	AG-MI-100L	manuell, Mikroskopie
Würmer, Wurmeier, Protozoen, spez. Giardia-Zysten	Stuhl	Mikroskopie nach Anreicherung (z.B. SAF, MIFC); ELISA	AM-MI-110L, -324C	AG-MI-100L, -108D	Mikroskop, DSX



**Untersuchungsart:**

**Molekularbiologische Untersuchungen (Amplifikationsverfahren)\*\***

Analyt (Messgröße)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/Version	Gerät	Gerät
Bordetella parapertussis	Abstrich	Real time PCR	AM-MO-127H, -243D	AG-MO-128F, -141E	Panther/ BioRad Cyclor
Bordetella pertussis	Abstrich	Real time PCR	AM-MO-127H, -243D	AG-MO-128F, -141E	Panther/ BioRad Cyclor
Borrelia	Zecke	Real time-PCR	AM-MO-241C	AG-MO-117K, -141E	Lightcycler/ BioRad Cyclor
Borrelia	Punktat, Liquor	Real time-PCR	AM-MO-241C	AG-MO-117K, -141E	Lightcycler/ BioRad Cyclor
Carbapenemresistente Organismen	Kultur	Real time PCR	AM-MO-153J	AG-MO-129D, -119D	Infinity, GenXpert
Chlamydia pneumoniae	Bronchialsekret, Sputum, BAL	Real time-PCR	AM-MO-153J, -243D	AG-MO-117K, -141E	Lightcycler/ BioRad Cyclor
Chlamydia trachomatis	Abstrich, Urin, Douglaspkt., Sperma	Real time-PCR, TMA	AM-MO-103K, -225E	AG-MO-128F, -141E	Panther/ BioRad Cyclor
Clostridium difficile	Stuhl	Real time-PCR	AM-MO-164I, -106P	AG-MO-117K, -129D, -141E	Lightcycler/ BioRad Cyclor/ Infinity
Dermatophyten	Hornmaterial, Hautschuppen	Real time PCR	AM-MO-210D	AG-MO-117K	Lightcycler
Dientamoeba fragilis	Stuhl	Real time PCR	AM-MO-247C	AG-MO-141E	BioRad CFX96
DNA-Extraktion	Serum, EDTA-Plasma, Liquor, Punktat, Bronchiallavage, Brochoalveoläre Lavage, Respiratorische Sekrete, Rachenspülwasser, Sputum, Stuhl, Abstrich, Urin, Ejakulat, FFPE-Schnitte, Biopsien, Gewebe, antikoagulierte Blutproben	Nukleinsäure-Extraktion	AM-MO-285B, -287A, -232M	AG-MO-132F, -122H, -142B	King Fisher Flex, Maxwell, Chemagic
EAggEC (EAEC)	Kultur, Nativmaterial (Stuhl), Anreicherung	Real time-PCR	AM-MO-156G, -247C	AG-MO-117K, -141E	Lightcycler/ BioRad Cyclor
EHEC	Kultur, Nativmaterial (Stuhl), Anreicherung	Real time-PCR	AM-MO-156G, -247C	AG-MO-117K, -141E	Lightcycler/ BioRad Cyclor
EIEC	Kultur, Nativmaterial (Stuhl), Anreicherung	Real time-PCR	AM-MO-156G, -247C	AG-MO-117K, -141E	Lightcycler/ BioRad Cyclor
Entamoeba histolytica	Stuhl	Real time-PCR	AM-MO-247C	AG-MO-141E	BioRad CFX96
EPEC	Kultur, Nativmaterial (Stuhl), Anreicherung	Real time-PCR	AM-MO-156G, -247C	AG-MO-117K, -141E	Lightcycler/ BioRad Cyclor
ETEC	Kultur, Nativmaterial (Stuhl), Anreicherung	Real time-PCR	AM-MO-156G, -247C	AG-MO-117K, -141E	Lightcycler/ BioRad Cyclor
Gastrointestinal (GI) Panel Bakterien 1: Campylobacter spp., - Clostridium difficile toxin B, Salmonella spp., Shigella spp. / EIEC*, Vibrio spp., Yersinia enterocolitica, Aeromonas spp.	Stuhl	Multiplex-Realtime PCR	AM-MO-246C	AG-MO-141E	BioRad CFX96
Gastrointestinal (GI) Panel Bakterien 2: Clostridium difficile hypervirulent, E. coli O157, STEC* (stx1/2), EPEC* (eaeA), ETEC* (lt/st), EAEC* (aggR)	Stuhl	Multiplex-Realtime PCR	AM-MO-246C	AG-MO-141E	BioRad CFX96

Gastrointestinal (GI) Panel Notfall (Bakterien/Parasiten): Campylobacter (jejuni, coli & upsaliensis), C. difficile (Toxin A/B), Plesiomonas shigelloides, Salmonella spp., Yersinia enterocolitica, Vibrio (parahaemolyticus, vulnificus & cholerae), Vibrio cholerae, E. coli O157, EAEC, EPEC, ETEC, EHEC, EIEC, E. coli O157, Cryptosporidium, Cyclospora cayetanensis, Entamoeba histolytica, Giardia lamblia	Stuhl	Multiplex Realtime-PCR	AM-MO-277C	AG-MO-253B	Biofire
Gastrointestinal (GI) Panel Parasiten: Giardia lamblia, Entamoeba histolytica, Cryptosporidium spp., Blastocystis hominis, Dientamoeba fragilis, Cyclospora cayetanensis	Stuhl	Multiplex-Realtime PCR	AM-MO-246C	AG-MO-141E	BioRad CFX96
Genital Ulcer (GU) Panel: Häemophilus ducreyi, Treponema pallidum, Lymphogranuloma venereum (C. trachomatis Serovar L)	Morgenurin, Genitalabstriche, Flüssigkeitsbasierte Zytologie Proben (ThinPrep)	Multiplex-Realtime PCR	AM-MO-225E	AG-MO-141E	BioRad CFX96
Haemophilus influenzae	Nasen-, Rachenabstrich, Bronchialmaterial, Sputum	Multiplex Real-time-PCR	AM-MO-243D	AG-MO-141E	BioRad CFX96
Helicobacter pylori	Urease-Bouillon, Magen-Biopsie	PCR. Line probe assay	AM-MO-155H	AG-MO-101Q, -109E	Thermocycler, Twincubator
Helminthen Panel: Ancylostoma spp., Ascaris spp., Enterobius vermicularis, Enterocytozoon spp./Encephalitozoon spp., Hymenolepis spp., Necator americanus, Strongyloides spp., Taenia spp., Trichuris trichiura	Stuhl	Multiplex Realtime-PCR	AM-MO-246C	AG-MO-141E	BioRad CFX96
Legionella pneumophila	Bronchialsekret, Sputum, BAL	Real time-PCR	AM-MO-153J, -243D	AG-MO-117K, -141E	Lightcycler/ BioRad Cycller
Listeria monocytogenes	Liquor, EDTA	Real time-PCR	AM-MO-153J, -273D	AG-MO-117K, -141E	Lightcycler/ BioRad Cycller
mecA-Gen	Kultur, Abstrich	PCR	AM-MO-121J	AG-MO-101Q, -109E	Thermocycler, Twincubator
Meningitispanel Bakterien: Haemophilus influenzae, Streptococcus pneumoniae, Listeria monocytogenes, Neisseria meningitidis, Group B Streptococcus, E.coli K1	Liquor	Multiplex Real-time-PCR	AM-MO-273D	AG-MO-141E	BioRad CFX96
Meningitispanel Notfall: Haemophilus influenzae, Streptococcus pneumoniae, Listeria monocytogenes, Neisseria meningitidis, Streptococcus agalctiae, E.coli K1	Liquor	Multiplex Real-time-PCR	AM-MO-277C, AM-KH-133C	AG-KH-115B, -253B	Biofire

Mikrobiom-Analysen	DNA	Next Generation Sequencing	AM-MO-215D, -287A, -288A, -289A	AG-MO-132F, -136F, -101Q, -134D, -138E, -146C, -257A	Extraktion (z.B. King Fisher Flex), Libraryherstellung (z.B. Biomek, Thermocycler), Sequenzierung (z.B. MiSeq, Ion S5, MinION)
MRSA	Kultur	PCR, Line probe assay	AM-MO-121J	AG-MO-101Q, -109E	Thermocycler, Twincubator
MRSA direkt	Abstrich, Nativmaterial, Blutkulturen	Real time-PCR	AM-MO-121J, -106P	AG-MO-129D, -119D, -128F	Infinity, GenXpert, Panther
Mycoplasma genitalium	Urin, Genitalabstrich, Sperma, Prostataexprimat, BAL, Gelenkpunktat, Wundabstrich	Multiplex-Realtime PCR	AM-MO-225E	AG-MO-141E	BioRad CFX96
Mycoplasma hominis	Urin, Genitalabstrich, Sperma, Prostataexprimat, BAL, Gelenkpunktat, Wundabstrich	Multiplex-Realtime PCR	AM-MO-225E	AG-MO-141E	BioRad CFX96
Mycoplasma pneumoniae	Bronchialsekret, Sputum, Liquor	Real time-PCR	AM-MO-153J, -243D	AG-MO-117K, -141E	Lightcycler/ BioRad Cycler
Neisseria gonorrhoeae	Abstrich, Urin, Douglaspkt., Sperma	Real time-PCR, TMA	AM-MO-103K, -225E	AG-MO-128F, -141E	Panther/ BioRad Cycler
Neisseria meningitidis	Nase-, Rachen-Abstrich, Liquor, Kulturen, Sekrete	Multiplex-Realtime PCR	AM-MO-153J, AM-MO-273D	AG-MO-117K, -141E	Lightcycler/ BioRad Cycler
NGS-Erregertest	Vollblut	Whole-Genome Sequencing - Next Generation Sequencing - Illumina	AM-MO-276A, -286A	AG-MO-254A, -251C, -144G	QIASymphony, Hamilton, NextSeq
Parodontose Markerkeime (5 Keime)	Papierspitzen	PCR. Line probe assay	AM-MO-176A	AG-MO-101Q, -109E	Thermocycler, Twincubator
Parodontose Markerkeime plus (11 Keime)	Papierspitzen	PCR. Line probe assay	AM-MO-176A	AG-MO-101Q, -109E	Thermocycler, Twincubator
Pneumocystis jirovecii	Bronchialmaterial, BAL, Sputum	Real time-PCR	AM-MO-282B	AG-MO-117K	Lightcycler
PVL-positive Staphylokokken	Kultur	PCR	AM-MO-121J	AG-MO-101Q, -109E	Thermocycler, Twincubator
Respiratorisches Panel Bakterien: Mycoplasma pneumoniae, - Chlamydomphila pneumoniae, Legionella pneumophila, Haemophilus influenzae, Streptococcus pneumoniae, Bordetella pertussis, Bordetella parapertussis	Nasen-, Rachenabstrich, Bronchialmaterial, Sputum	Multiplex Real-time-PCR	AM-MO-243D	AG-MO-141E	BioRad CFX96
Respiratorisches Panel Notfall (Bakterien): Bordetella pertussis, Chlamydomphila pneumoniae, Mycoplasma pneumoniae	Nasen-, Rachenabstrich, Bronchialmaterial, Sputum	Multiplex Realtime-PCR	AM-KH-133C, -277C	AG-KH-115B, -253B	Biofire
Salmonella ssp	Kultur; Stuhl	PCR	AM-MO-247C	AG-MO-141E	BioRad CFX96
Sexuell übertragbare Erkrankungen (STI) Panel (Bakterien/Parasiten): Chlamydia trachomatis, Neisseria gonorrhoeae, Mycoplasma genitalium/hominis, Trichomonas vaginalis, Ureaplasma urealyticum/parvum	Morgenurin, Genitalabstriche, Flüssigkeitsbasierte Zytologie Proben (ThinPrep)	Multiplex Real time-PCR	AM-MO-225E	AG-MO-141E	BioRad CFX96

Speziesidentifizierung von Bakterien	Kultur, Amplifikat; auch aus primär sterilem Direktmaterial wie z.B. Punktate, Liquor, Biopsien	Amplifikation, Sequenzierung	AM-MO-231C	AG-MO-141E, -133D	BioRad CFX96, Sequencer
Speziesidentifizierung von Pilzen	Kultur, Amplifikat	Amplifikation, Sequenzierung	AM-MO-242B, -136	AG-MO-133D, -114G	Thermocycler, Sequenzer
Staphylococcus Spa-Typ Bestimmung	Kultur	Amplifikation, Sequenzierung	AM-MO-233C	AG-MO-133D, -114G	Thermocycler, Sequenzer
Streptococcus pneumoniae	Bronchialmaterial, BAL, Liquor, Abstriche, Kulturen	Multiplex-Realtime PCR	AM-MO-243D	AG-MO-141E	BioRad CFX96
Streptokokken Gruppe B	Abstrich, Urin	Real time-PCR	AM-MO-106P	AG-MO-129D, -119D	Infinity, GenXpert
Toxoplasmose gondii	Vollblut, Amnionflüssigkeit, Liquor	NAT	AM-MO-281A	AG-MO-247C	ELITE InGenius
Treponema pallidum	Abstrich, Urin	Multiplex-Realtime PCR	AM-MO-225E	AG-MO-141E	BioRad CFX96
Trichomonas vaginalis	Abstrich, Urin	Real time-PCR, TMA	AM-MO-103K, -225E	AG-MO-128F, -141E	Panther/ BioRad Cycler
Tuberkulose-Erreger	Sputum, Urin, Magensaft, Liquor	Real time-PCR	AM-MO-106P	AG-MO-129D, -119D	Infinity, GenXpert
Tuberkulose-Erreger	Kultur	PCR. Line probe assay	AM-MO-155H	AG-MO-101Q, -109E	Thermocycler Twincubator
Tuberkulose-Erreger	Paraffin-Schnitte	PCR. Line probe assay	AM-MO-155H	AG-MO-101Q, -109E	Thermocycler Twincubator
Ureaplasma parvum	Urin, Genitalabstrich, Sperma, Prostataexprimat, BAL, Gelenkpunktat, Wundabstrich	Multiplex-Realtime PCR	AM-MO-241C, -225E	AG-MO-141E	BioRad CFX96
Ureaplasma urealyticum	Urin, Genitalabstrich, Sperma, Prostataexprimat, BAL, Gelenkpunktat, Wundabstrich	Multiplex-Realtime PCR	AM-MO-241C, -225E	AG-MO-141E	BioRad CFX96
Vaginose Panel: Gardnerella vaginalis, Atopobium vaginae, Lactobacillus spp. ( L. crispatus, L. gasseri and L. jensenii), Bacteroides fragilis, Megasphaera type 1, Bacterial vaginosis-associated bacteria 2, Mobiluncus spp. (M. mulieris and M. curtisii)	Genitalabstrich, Flüssigkeits- basierte Zytologieproben (e.g., ThinPrep® und SurePath™)	Multiplex Real-time-PCR	AM-MO-225E	AG-MO-141E	BioRad CFX96
Vancomylinresistente Enterokokken	Kultur, Trockentupfer	Real time PCR	AM-MO-106P	AG-MO-129D, -119D	Infinity, GenXpert

#### Untersuchungsart:

#### Spektrometrie (NIR-/IR-Spektrometrie)\*

Analyt (Messgröße)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/Version	Gerät	Gerät
Helicobacter pylori	C13-Atemtest	IR-Spektrometrie	AM-EX-149F	AG-EX-138B	IRIS

#### Untersuchungsart:

#### Spektrometrie (Turbidimetrie / Immunturbidimetrie)\*

Analyt (Messgröße)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/Version	Gerät	Gerät
Antistreptolysintiter (ASL)	Serum	immunologischer Trübungstest	AM-LG-116I	AG-LG-116N	AU 5400/5800

## Untersuchungsgebiet: Virologie

### Untersuchungsart:

#### Agglutinationsteste\*

Analyt (Messgröße)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/Version	Gerät	Gerät
Mononucleose (EBV) ST	Serum, EDTA-Plasma	Latex-Agglutinationstest	AM-SE-129F	AG-SE-256C	manuell

### Untersuchungsart:

#### Ligandenassays\*\*

Analyt (Messgröße)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/Version	Gerät	Gerät
Adenoviren Ag	Stuhl	ELISA	AM-MI-317H	AG-MI-108D	DSX
Adenovirus IgG, IGM	Serum, Plasma	ELISA	AM-SE-109L	AG-SE-256C	Workstation Elisa
Anti-HAV	Serum, EDTA-, Citrat-, Heparin-Plasma	ECLIA	AM-LG-119D	AG-LG-150C	Cobas 8000
Anti-HAV-IgM	Serum, EDTA-, Citrat-, Heparin-Plasma	ECLIA	AM-LG-119D	AG-LG-150C	Cobas 8000
Anti-HcV	Serum, EDTA-, Citrat-, Heparin-Plasma	ECLIA	AM-LG-119D	AG-LG-150C	Cobas 8000
Anti-HIV Ag/ Ab-Combo	Serum, Plasma	CMIA	AM-SE-208F	AG-SE-126H	Alinity
Astroviren-Ag	Stuhl	ELISA	AM-MI-317H	AG-MI-108D	DSX
CMV-IgG, -IgM	Serum, Plasma	Immunoblot	AM-SE-113L	AG-SE-120C	ProfiBlot
CMV-IgG-Antikörperindex	Serum, Liquor	ELISA	AM-SE-321B	AG-SE-256C	Workstation Elisa
Cytomegalie IgG	Serum, Plasma	CMIA	AM-SE-208F	AG-SE-126H	Alinity
Cytomegalie IgG-Avidität	Serum, Plasma	CLIA	AM-SE-204H	AG-SE-257B	Liaison XL
Cytomegalie IgM	Serum, Plasma	CLIA	AM-SE-204H	AG-SE-257B	Liaison XL
Denguevirus Antigen	Serum, EDTA-, Heparin-Plasma	ELISA	AM-SE-326C	AG-SE-124D	Euroanalyser
Denguevirus IgG/IgM	Serum, EDTA-, Heparin-Plasma	ELISA	AM-SE-326C	AG-SE-124D	Euroanalyser
Enterovirus-IgG, IgA, IgM	Serum, EDTA-, Heparin-Plasma	ELISA	AM-SE-109L	AG-SE-256C	Workstation Elisa
Epstein-Barr-Nuclear-Antigen IgG	Serum, Plasma	CMIA	AM-SE-208F	AG-SE-126H	Alinity
Epstein-Barr-Virus IgG, IgM	Serum, Plasma	CMIA	AM-SE-208F	AG-SE-126H	Alinity
Epstein-Barr-Virus-IgA	Serum, Plasma	Immunoblot	AM-SE-113L	AG-SE-120C	ProfiBlot 48
Epstein-Barr-Virus-IgG	Serum, Plasma	Immunoblot	AM-SE-113L	AG-SE-120C	ProfiBlot 48
FSME-IgG	Liquor/Serum	ELISA	AM-SE-321B	AG-SE-256C	Workstation Elisa
Hantavirus IgG/IgM	Serum, Plasma	Immunoblot	AM-SE-113L	AG-SE-120C	ProfiBlot 48
Hepatitis C AK	Serum, Plasma	CMIA	AM-SE-208F	AG-SE-126H	Alinity
Hepatitis-A IgG	Serum, Plasma	CMIA	AM-SE-201D	AG-SE-126H	Alinity
Hepatitis-A IgM	Serum, EDTA-, Citratplasma	CMIA	AM-SE-201D	AG-SE-126H	Alinity
Hepatitis-B-core AK	Serum, Plasma	CMIA	AM-SE-201D	AG-SE-126H	Alinity
Hepatitis-B-envelope Ag	Serum, EDTA-, Citratplasma	CMIA	AM-SE-208F	AG-SE-126H	Alinity
Hepatitis-B-envelope-AK	Serum, EDTA-, Citratplasma	CMIA	AM-SE-208F	AG-SE-126H	Alinity
Hepatitis-B-surface AK	Serum, EDTA-Plasma	ECLIA	AM-LG-119D	AG-LG-150C	Cobas 8000
Hepatitis-B-surface AK	Serum, Plasma	CMIA	AM-SE-208F	AG-SE-126H	Alinity
Hepatitis-B-surface AK quantitativ	Serum, Plasma	CMIA	AM-SE-208F	AG-SE-126H	Alinity
Hepatitis-B-surface Antigen	Serum, EDTA-, Citrat-, Heparin-Plasma	ECLIA	AM-LG-119D	AG-LG-150C	Cobas 8000
Hepatitis-B-surface Antigen	Serum, Plasma	CMIA	AM-SE-208F	AG-SE-126H	Alinity
Hepatitis-C AK	Serum, Plasma	Immunoblot	AM-SE-113L	AG-SE-120C	ProfiBlot 48
Hepatitis-C-AK	Serum, EDTA-, Citrat-, Heparin-Plasma	ECLIA	AM-LG-119D	AG-LG-150C	Cobas 8000
Hepatitis-E IgG/IgM	Serum, Plasma	CLIA	AM-SE-204H	AG-SE-257B	Liaison XL
Herpes-IgG	Serum, Plasma	CLIA	AM-SE-204H	AG-SE-257B	Liaison XL

Herpes-IgG Typ1	Serum, Plasma	Immunoblot	AM-SE-113L	AG-SE-120C	ProfiBlot 48
Herpes-IgG Typ2	Serum, Plasma	Immunoblot	AM-SE-113L	AG-SE-120C	ProfiBlot 48
Herpes-IgG-Antikörperindex	Serum, Liquor	EliSA	AM-SE-321B	AG-SE-256C	Workstation Elisa
Herpes-IgM	Serum, Plasma	CLIA	AM-SE-204H	AG-SE-257B	Liaison XL
HIV	Serum, EDTA-, Citrat-, Heparin-Plasma	ECLIA	AM-LG-119D	AG-LG-150C	Cobas 8000
HIV p24 Antigen	Serum, Plasma	EIA	AM-SE-220B	AG-SE-105F	manuell
HIV1/2	Serum, Plasma	Immunoblot	AM-SE-213G	AG-SE-120C	ProfiBlot 48
Influenza-A-IgG, -IgA	Serum, Plasma	ELISA	AM-SE-109L	AG-SE-256C	Workstation Elisa
Influenza-B-IgG, -IgA	Serum, Plasma	ELISA	AM-SE-109L	AG-SE-256C	Workstation Elisa
Masern-IgG	Serum, Plasma	ELISA	AM-SE-204H	AG-SE-257B	Liaison XL
Masern-IgG-Antikörperindex	Serum, Liquor	ELISA	AM-SE-321B	AG-SE-256C	Workstation Elisa
Masern-IgM	Serum, Plasma	ELISA	AM-SE-204H	AG-SE-257B	Liaison XL
Mumps-IgG	Serum, Plasma	CLIA	AM-SE-204H	AG-SE-257B	Liaison XL
Mumps-IgG-Antikörperindex	Serum, Liquor	ELISA	AM-SE-321B	AG-SE-257B	Workstation Elisa
Mumps-IgM	Serum, EDTA-, Heparin-Plasma	CLIA	AM-SE-204H	AG-SE-257B	Liaison XL
Norwalk-like-Virus Ag	Stuhl	ELISA	AM-Mi-317H	AG-MI-108D	DSX
Parainfluenza 1, 2, 3 IgA	Serum, Plasma	ELISA	AM-SE-109L	AG-SE-256C	Workstation Elisa
Parainfluenza-1,2,3-AK IgG	Serum, Plasma	ELISA	AM-SE-109L	AM-SE-256	Workstation Elisa
Parvovirus IgG	Serum, Plasma	Immunoblot	AM-SE-113L	AG-SE-120C	ProfiBlot 48
Parvovirus IgM	Serum, Plasma	Immunoblot	AM-SE-113L	AG-SE-120C	ProfiBlot 48
Parvovirus-B19-IgG, -IgM	Serum, Plasma	CLIA	AM-SE-204H	AG-SE-257B	Liaison XL
Rotaviren Ag	Stuhl	ELISA	AM-Mi-317H	AG-MI-108D	DSX
Röteln IgG, IgM	Serum, Plasma	CMIA	AM-SE-208F	AG-SE-126H	Alinity
Röteln-IgG Antikörperindex	Serum, Liquor	ELISA	AM-SE-321B	AG-SE-256C	Workstation Elisa
Varizelle-IgG Antikörperindex	Serum, Liquor	CLIA	AM-SE-204H	AG-SE-257	Liaison
Varizellen IgA	Serum, Plasma	ELISA	AM-SE-109L	AG-SE-256C	Workstation Elisa
Varizellen-IgG, -IgM	Serum, EDTA-Plasma	CLIA	AM-SE-204H	AG-SE-257B	Liaison XL
Zika-Virus IgG, IgM	Serum, EDTA-, Heparin-Plasma	ELISA	AM-SE-109L	AG-SE-256C	Workstation Elisa

### Untersuchungsart:

#### Molekularbiologische Untersuchungen (Amplifikationsverfahren)\*\*

Analyt (Messgröße)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/Version	Gerät	Gerät
Adenovirus	Bronchialmaterial, BAL, Abstrich	Multiplex-Realtime PCR	AM-MO-243D	AG-MO-141E	BioRad CFX96
Adenovirus	Liquor	Multiplex-Realtime PCR	AM-MO-273D	AG-MO-141E	BioRad CFX96
Adenovirus	Stuhl	Multiplex-Realtime PCR	AM-MO-247C	AG-MO-141E	BioRad CFX96
Affenpockenvirus	Abstrich (von Bläscheninhalt, Hautläsionen) Nasopharyngeal	Realtime-PCR	AM-MO-284C	AG-MO-117K	Lightcycler
Affenpockenvirus	Abstrich (von Bläscheninhalt, Hautläsionen) Nasopharyngeal	Realtime-PCR	AM-MO-284C	AG-MO-141E	BioRad CFX96
BK-Virus (humanes Polyoma-Virus 1)	Urin, EDTA-Plasma, Serum	Realtime-PCR	AM-MO-213E	AG-MO-117K	Lightcycler
CMV	EDTA-Plasma, Liquor, Serum, BAL, Biopsie	Realtime-PCR	AM-MO-213E	AG-MO-117K	LightCycler
CMV	EDTA-Plasma, Liquor, Serum, BAL, Biopsie	Realtime-PCR	AM-MO-284C	AG-MO-141E	BioRad CFX96
CMV	EDTA-Plasma, Liquor, Serum, BAL, Biopsie	Realtime-PCR	AM-MO-281A	AG-MO-247C	Elite InGenius
EBV	EDTA-Plasma, Liquor	Realtime-PCR	AM-MO-206F	AG-MO-117K	LightCycler, BioRad CFX96

EBV	EDTA-Plasma, Liquor	Realtime-PCR	AM-MO-273D	AG-MO-141E	BioRad CFX96
Enterovirus	EDTA-Plasma, Stuhl	Realtime-PCR	AM-MO-171I	AG-MO-117K	Lightcycler
Enterovirus	Liquor	Realtime-PCR	AM-MO-171I	AG-MO-129D	Infinity
Gastrointestinal (GI) Panel Notfall (Viren): Adenovirus 40/41, Astrovirus, Norovirus GI/GII, Rotavirus A, Sapovirus (I,II, IV, and V)	Stuhl	Multiplex Realtime-PCR	AM-MO-277C	AG-MO-253B	Biofire
Gastrointestinal (GI) Panel Viren: Norovirus GI, Norovirus GII, Rotavirus, Adenovirus, Astrovirus, Sapovirus	Stuhl	Multiplex Realtime-PCR, CTMA	AM-MO-247C	AG-MO-141E	BioRad CFX96
Genital Ulcer (GU) Panel: HSV1, HSV2, VZV, CMV	Morgenurin, Genitalabstrich, flüssigkeitsbasierte zytologische Proben (ThinPrep)	Multiplex Realtime-PCR	AM-MO-225E	AG-MO-141E	BioRad CFX96
HCV-Viruslast	Serum, EDTA-Plasma	CTMA	AM-MO-119L	AG-MO-128F	Panther
Hepatitis E	Stuhl, EDTA-Plasma, Serum	Realtime-PCR	AM-MO-227E	AG-MO-117K	Lightcycler
Hepatitis-B-Viruslast	Serum, EDTA-Plasma	CTMA	AM-MO-105P	AG-MO-128F	Panther
Hepatitis-C-Virus Genotypisierung	Serum	Realtime-PCR	AM-MO-113I	AG-MO-112C	Abbott-rt
HHV6	Liquor	Realtime-PCR	AM-MO-244A	AG-MO-141E	BioRad CFX96
HHV7	Liquor	Realtime-PCR	AM-MO-244A	AG-MO-141E	BioRad CFX96
HIV-Viruslast	EDTA-Plasma	Realtime-PCR, CTMA	AM-MO-119L	AG-MO-128F	Panther
HPV-DNA (Humanes-Papilloma-Virus Cervical)	Abstrich, Schleimhaut- und Epithelbiopsien, FFPE	Multiplex Realtime-PCR, CTMA	AM-MO-116M	AG-MO-141E, -245D	BioRad CFX96, Alinity m
HSV(1/2)	Abstrich (von Bläscheninhalt, Hautläsionen, Rachen), Liquor, BAL, EDTA-Blut		AM-MO-165E	AG-MO-117K	LightCycler
HSV(1/2)	Abstrich (von Bläscheninhalt, Hautläsionen, Rachen), Liquor, BAL, EDTA-Blut		AM-MO-273D	AG-MO-141E	BioRad CFX96
HSV(1/2)	Abstrich (von Bläscheninhalt, Hautläsionen, Rachen), Liquor, BAL, EDTA-Blut		AM-MO-281A	AG-MO-247C	
humanes Bocavirus	Abstrich, Bronchialmaterial	Realtime-PCR	AM-MO-243D	AG-MO-141E	BioRad CFX96
Influenza A (H1N1, Hx;NY)	Abstrich, BAL, Sputum	CTMA	AM-MO-157I	AG-MO-128F	Panther
Influenza A (H1N1, Hx;NY)	Abstrich, BAL, Sputum	Realtime-PCR	AM-MO-106P	AG-MO-119D	Infinity (GenXpert)
Influenza A (H1N1, Hx;NY)	Abstrich, BAL, Sputum	Realtime-PCR	AM-MO-280A	AG-MO-245D	Alinity m
Influenza B	Abstrich, BAL, Sputum	Realtime-PCR	AM-MO-157I, -106P, -280A	AG-MO-128F, -129D, -119D, -245D	Panther, Infinity, GeneXpert, Alinity m
JCV	Liquor, EDTA, Urin	Realtime-PCR	AM-MO-206F	AG-MO-117K	Lightcycler
Masernvirus	Rachenabstrich, EDTA-Plasma, Liquor, Sputum, Urin, Konjunktivabstrich	Realtime-PCR	AM-MO-219F	AG-MO-117K	Lightcycler
Meningitis Panel Viren 1: HSV1, HSV2, VZV, EBV, CMV, HHV6, HHV7	Liquor	Multiplex Realtime-PCR, CTMA	AM-MO-244A	AG-MO-141E	BioRad CFX96
Meningitis Panel Viren 2: Parvovirus B19, Mumpsvirus, Parechovirus, Adenovirus, Enterovirus	Liquor	Multiplex Realtime-PCR, CTMA	AM-MO-244A	AG-MO-141E	BioRad CFX96
Meningitispanel Notfall (Viren): HSV 1, HSV 2, VZV, CMV, HHV6, Parechovirus, Enterovirus	Liquor	Multiplex Realtime-PCR	AM-MO-277C, AM-KH-133B	AG-KH-115B, -253BB	Biofire
Mumps-Virus	Liquor	Multiplex Realtime-PCR, CTMA	AM-MO-244A	AG-MO-141E	BioRad CFX96
Norovirus	Stuhl	Realtime-PCR	AM-MO-142K, -247C, -106P	AG-MO-117K, -141E, -129D, -119D	LightCycler, BioRad CFX96, Infinity, GenXpert

Parvovirus	EDTA-Plasma, Liquor, Serum	Realtime-PCR	AM-MO-213E	AG-MO-117K	Lightcycler
Respiratorisches Panel (Viren): (FluA, FluB, RSV A, RSV B, FluA-H1, FluA-H1pdm09, FluA-H3), Adenovirus, Enterovirus, PIV 1-4, Metapneumovirus, HBoV, Rhinovirus, Coronavirus NL63, Coronovirus 229E, Coronavirus OC43	Nasen-, Racheabstrich, Bronchialmaterial, Sputum	Multiplex Realtime-PCR, CTMA	AM-MO-243D	AG-MO-141E	BioRad CFX96
Respiratorisches Panel Notfall (Viren): FluA, FluB, RSV A, RSV B, FluA-H1, FluA-H1pdm09, FluA-H3, Adenovirus, Enterovirus, PIV 1 - 4, Metapneumovirus, Rhinovirus, Coronavirus NL63, Coronavirus 229E, Coronavirus OC43, SARS-CoV-2, MERS-Virus	Nasen-, Rachenabstrich, Bronchialmaterial, Sputum	Multiplex Realtime-PCR	AM-MO-277C	AG-MO-253B	Biofire
Respiratorisches Panel Notfall (Viren): FluA, FluB, RSV A, RSV B, FluA-H1, FluA-H1pdm09, FluA-H3, Adenovirus, Enterovirus, PIV 1 - 4, Metapneumovirus, Rhinovirus, Coronavirus NL63, Coronavirus 229E, Coronavirus OC43, SARS-CoV-2, MERS-Virus	Nasen-, Rachenabstrich, Bronchialmaterial, Sputum	Multiplex Realtime-PCR	AM-KH-133B	AG-KH-115B	Biofire
RSV	Abstrich, Bronchialmaterial, Sputum	Realtime-PCR	AM-MO-157I	AG-MO-128F	Panther
RSV	Abstrich, Bronchialmaterial, Sputum	Realtime-PCR	AM-MO-106P	AG-MO-119D	Infinty (genXpert)
RSV	Abstrich, Bronchialmaterial, Sputum	Realtime-PCR	AM-MO-280A	AG-MO-141E	Alinity m
Saisonales Coronavirus	Abstrich, Bronchialmaterial	Multiplex-Realtime PCR	AM-MO-243D	AG-MO-141E	BioRad CFX96
SARS-CoV-2	BAL, Sputum, Abstrich, Liquor, Stuhl	Realtime-PCR, CTMA	AM-MO-267B, -275B, -255B, -106P	AG-MO-245D, -128F, -117K, -141E, -129D, -119D	Alinity m, Panther, LightCycler, BioRad CFX96, Infinity, GeneXpert
SARS-CoV-2 Sequenzanalyse	BAL, Sputum, Abstrich, Speichel/ Lolli-Tupfer, Rachenspülflüssigkeit	Sequencing-by-Synthesis (NGS) Illumina, Sequencing-by-Synthesis (NGS) IonTorrent	AM-MO-274A, -264C, -268C, -255B, -256B	AG-MO-251C, -144G, -249A, -136F, -138E, -146C	Hamilton Microlab STAR, NextSeq, NextSeq 2000, Biomek, Ion Chef, Ion S5
SARS-CoV-2 Variantenanalyse	BAL, Sputum, Abstrich, Liquor, Stuhl	Realtime-PCR	AM-MO-263C	AG-MO-117K, -141E	LightCycler, BioRad CFX96
VZV DNA	Abstrich, Liquor	Realtime-PCR	AM-MO-165E, -273D, -225E, -281A	AG-MO-117K, -141E, -247C	LightCycler, BioRad CFX96, Elite InGenius
West-Nile-Virus	EDTA-Blut, Liquor	Realtime-PCR	AM-MO-283B	AG-MO-117K, -141E	LightCycler/BioRad Cycler
Zikavirus	EDTA-Plasma, Serum, Urin, Liquor	Realtime-PCR	AM-MO-236C	AG-MO-117K	Lightcycler



## Untersuchungsgebiet: Transfusionsmedizin

### Untersuchungsart:

### Agglutinationsteste\*\*

Analyt (Messgröße)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/Version	Gerät	Gerät
Antigenbestimmung	EDTA-Blut	Säulenagglutination	AM-BD-107E		manuell
Antikörperdifferenzierung	EDTA-Plasma	Säulenagglutination	AM-BD-102E	AG-BD-102A, -101C	IH-500, Ortho VisionMax
Antikörper-Identifizierung	EDTA-Plasma	Festphasen-Immunoassay	AM-BD-101E		manuell
Antikörper-Identifizierung (manuell)	EDTA-Plasma	Säulenagglutination	AM-BD-104F		manuell
Antikörpersuchtest	Serum, EDTA-Plasma	Festphasen-Immunoassay	AM-SE-320D	AG-SE-112C	Galileo Neo
Antikörpersuchtest	EDTA-Plasma, Serum	Säulenagglutination	AM-BD-102E	AG-BD-102A, -101C	IH-500, Ortho VisionMax
Antikörpersuchtest	EDTA-Plasma	Festphasen-Immunoassay	AM-BD-101E		manuell
Antikörpersuchtest (manuell)	EDTA-Plasma	Säulenagglutination	AM-BD-103E		manuell
Antikörpertiter	EDTA-Plasma	Säulenagglutination	AM-BD-104F		manuell
Antikörpertiter	Serum, EDTA-Plasma	Agglutination im ICT	AM-SE-314C		manuell
Blutgruppe	EDTA-Blut	Säulenagglutination	AM-BD-102E	AG-BD-102A, -101C	IH-500, Ortho VisionMax
Blutgruppe	EDTA-Blut	Festphasen-Immunoassay	AM-SE-320D	AG-SE-112C	Galileo Neo
Blutgruppe (manuell)	EDTA-Blut	Säulenagglutination+ Röhrchentechnik	AM-BD-103E		manuell
Blutgruppe (manuell)	Vollblut, EDTA-Blut	Agglutination	AM-SE-315C		manuell
Coombs-Test direkt	Vollblut, EDTA-Blut	Agglutination im ICT	AM-SE-317B	AG-SE-251D	manuell
Coombs-Test direkt	EDTA-Blut	Säulenagglutination	AM-BD-102E	AG-BD-102A, -101C	IH-500, Ortho VisionMax
Coombs-Test direkt (manuell)	EDTA-Blut	Säulenagglutination	AM-BD-103E		manuell
Coombs-Test indirekt	Serum, EDTA-Plasma	Agglutination im ICT	AM-SE-317B	AG-SE-251D	manuell
IgG-Antikörper gebunden	EDTA-Blut	Säure-Elution	AM-BD-106D		manuell
Kälte-Auto-AK	Serum, EDTA-Plasma	Agglutination	AM-SE-171H	AG-SE-213F	manuell
Kreuzprobe	EDTA-Blut	Säulenagglutination	AM-BD-102E	AG-BD-102A, -101C	IH-500, Ortho VisionMax
Kreuzprobe (manuell)	EDTA-Blut	Säulenagglutination	AM-BD-103E		manuell
Rhesusfaktor	EDTA-Blut	Festphasen-Immunoassay	AM-SE-320D	AG-SE-128D	Galileo Neo
Rhesusfaktor	EDTA-Blut	Säulenagglutination	AM-BD-102E	AG-BD-102A, -101C	IH-500, Ortho VisionMax
Rhesusfaktor (manuell)	EDTA-Blut	Säulenagglutination	AM-BD-103E		manuell
Rhesus-Formel	EDTA-Blut, Vollblut	Agglutination	AM-SE-315C	AG-SE-251D	manuell
Rhesus-Formel	EDTA-Blut	Festphasen-Immunoassay	AM-SE-320D	AG-SE-251D	Galileo Neo
Rhesus-Formel	EDTA-Blut	Säulenagglutination	AM-BD-102E	AG-BD-102A, -101C	IH-500, Ortho VisionMax
Rhesus-Formel (manuell)	EDTA-Blut	Säulenagglutination	AM-BD-103E		manuell

**Untersuchungsart:**

**Qualitative Untersuchungen (einfache) mit visueller Auswertung\*\***

Analyt (Messgröße)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/Version	Gerät	Gerät
Kryoglobuline	Serum, EDTA-Plasma	visuell	AM-SE-138G		manuell