Analyt / Indikation (Messgröße; Gen/e, Variante/n)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/ Version
Lymphozytentypisierung	CPDA1-Blut, EDTA-Blut	Durchflusszytometrie	AA-0173-V011
IgE	Serum	ECLIA	AA-1487-V006
MAK	Serum	ECLIA	AA-1487-V006
TAK	Serum	ECLIA	AA-1487-V006
TSH-Rezeptor-Antikörper	Serum	ECLIA	AA-1487-V006
Antigen der Mikrosomenfraktion aus Leber und Niere (LKM-1)	Serum, EDTA-, Heparin- oder Citrat-Plasma	Immunoblot (Teststreifen)	AA-1409-V003
Antimitochondriale Antikörper gegen den Pyruvatdehydrogenase Komplex (AMA-M2)	Serum, EDTA-, Heparin- oder Citrat-Plasma	Immunoblot (Teststreifen)	AA-1409-V003
Cytosolisches Leber-Antigen Typ 1 (LC-1)	Serum, EDTA-, Heparin- oder Citrat-Plasma	Immunoblot (Teststreifen)	AA-1409-V003
Fusionsprotein der E2-Untereinheiten der alpha-Ketosäure-Dehydrogenasen der inneren Mitochondrienmembran (M2-3E(BPO))	Serum, EDTA-, Heparin- oder Citrat-Plasma	Immunoblot (Teststreifen)	AA-1409-V003
Lösliches Leber-Antigen/Leber-Pankreas Antigen (SLA/LP)	Serum, EDTA-, Heparin- oder Citrat-Plasma	Immunoblot (Teststreifen)	AA-1409-V003
Kerngranulaprotein (Sp100, "nuclear dots")	Serum, EDTA-, Heparin- oder Citrat-Plasma	Immunoblot (Teststreifen)	AA-1409-V003
Promyelocytic Leukaemia Protein (PLM, "nuclear dots")	Serum, EDTA-, Heparin- oder Citrat-Plasma	Immunoblot (Teststreifen)	AA-1409-V003
Integrales Protein der Zellkernmembran (gp210, "nuclear pore complex")	Serum, EDTA-, Heparin- oder Citrat-Plasma	Immunoblot (Teststreifen)	AA-1409-V003
Ro-52	Serum, EDTA-, Heparin- oder Citrat-Plasma	Immunoblot (Teststreifen)	AA-1409-V003

Analyt / Indikation (Messgröße; Gen/e, Variante/n)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/ Version
Allergie: d1 Dermatophagoides pteronyssinus; e1 Katzenschuppen; e5 Hundeschuppen; d205 Milbenkomponente Tromomyosin (rDer p 10); f1 Hühnereiweiß; f2 Milcheiweiß; f3 Kabeljau; f4 Weizenmehl; f13 Erdnuss; f14 Sojabohne; f17 Haselnuss; f31 Karotte; f85 Sellerie; f353 rGly m 4 Sojabohne: PR-10 Protein; fx5 Nahrungsmittelscreen (f1, f2, f3, f4, f13, f14) Hühnereiweiß, Milcheiweiß, Dorsch (Kabeljau), Weizenmehl, Erdnuss, Sojabohne; g6 Lieschgras; g12 Roggen; m 2 Cladosporium herbarum; mx1 Schimmelpilzmischung 1 (m1, m2, m3, m6) Penicillium chrysogenum, Cladosporium herbarum, Aspergillus fumigatus, Alternaria alternata; sx1 Inhalationsscreen (d1, e1, g6, g12, m 2, t3, w6) Dermatophagoides pternoysinus, Katzenschuppen, Hundeschuppen, Lieschgras, Roggen, Cladosporium herbarum, Bike, Beifuß; t3 Birke; t215 Birkenkomponente PR-10 Protein (rBet v 1); t216 Birkenkomponente, Profilin (rBet v 2); wx209 Kräutermischung Ambrosien (w1, w2, w3) Beifußblättrige Ambrosie, Ausdauernde Ambrosie, Dreilappige Ambrosie; g213 Lischgraskomponenten (rPHl p 1, rPHl p 5b)	Serum	FEIA	AA-1628-V002
RF Ig A	Serum	FEIA	AA-1628-V002
RF Ig M	Serum	FEIA	AA-1628-V002
U1-snRNP AAK	Serum	FEIA	AA-1628-V002
CENP-B AAK	Serum	FEIA	AA-1628-V002
SS-A/Ro AAK	Serum	FEIA	AA-1628-V002
SmD AAK	Serum	FEIA	AA-1628-V002
Scl-70 AAK	Serum	FEIA	AA-1628-V002
RNP70 AAK	Serum	FEIA	AA-1628-V002
SS-B/La AAK	Serum	FEIA	AA-1628-V002
Jo-1 AAK	Serum	FEIA	AA-1628-V002
dsDNA AAK	Serum	FEIA	AA-1628-V002
ENA-Screen	Serum	FEIA	AA-1628-V002

Analyt / Indikation (Messgröße; Gen/e, Variante/n)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/ Version
PR3 AAK	Serum	FEIA	AA-1628-V002
MPO AAK	Serum	FEIA	AA-1628-V002
AMA M2 AAK	Serum	FEIA	AA-1628-V002
β2-Glycoprotein IgG	Serum	FEIA	AA-1628-V002
β2-Glycoprotein IgM	Serum	FEIA	AA-1628-V002
Cardiolipin IgM	Serum	FEIA	AA-1628-V002
CCP	Serum	FEIA	AA-1628-V002
Parietalzell IgG	Serum	FEIA	AA-1628-V002
Cardiolipin IgG	Serum	FEIA	AA-1628-V002
Intrinsic Factor IgG	Serum	FEIA	AA-1628-V002
Gewebstransglutaminase IgA	Serum	FEIA	AA-1628-V002
Gewebstransglutaminase IgG	Serum	FEIA	AA-1628-V002
Anti-LKM-1-Antikörper	Serum	FEIA	AA-1628-V002
Gliadin IgG	Serum	FEIA	AA-1628-V002
Gliadin IgA	Serum	FEIA	AA-1628-V002
DFS70	Serum	FEIA	AA-1628-V002
d1	Serum, EDTA-Plasma	FEIA	AA-1628-V002
e1	Serum, EDTA-Plasma	FEIA	AA-1628-V002
t3	Serum, EDTA-Plasma	FEIA	AA-1628-V002
GBM	Serum	FEIA	AA-1628-V002
Antigen der Mikrosomenfraktion aus Leber und Niere (LKM-1)	Vollblut, Serum, EDTA-Plasma	Indirekte Immunfluoreszenzmikroskopie	AA-1351-V003
Antikörper gegen glatte Muskulatur (ASMA)	Vollblut, Serum, EDTA-Plasma	Indirekte Immunfluoreszenzmikroskopie	AA-1351-V003
Antimitochondriale Antikörper (AMA)	Vollblut, Serum, EDTA-Plasma	Indirekte Immunfluoreszenzmikroskopie	AA-1351-V003

Analyt / Indikation (Messgröße; Gen/e, Variante/n)	**Untersuchungsmaterial (Matrix)**	**Untersuchungstechnik**	**Anweisung/ Version**
Antineutrophile cytoplasmatische Antikörper (ANCA)	Vollblut, Serum, EDTA-Plasma	Indirekte Immunfluoreszenzmikroskopie	AA-1351-V003
Autoantikörper gegen Zellkerne (ANA)	Vollblut, Serum, EDTA-Plasma	Indirekte Immunfluoreszenzmikroskopie	AA-1351-V003
Ig A	Serum	Turbidimetrie	AA-1480-V006
Ig G	Serum	Turbidimetrie	AA-1480-V006
IgM	Serum	Turbidimetrie	AA-1480-V006
Rheumafaktor	Serum	Turbidimetrie	AA-1480-V006
sTfR	Serum / Plasma	Turbidimetrie	AA-1480-V006
Retikulozyten	EDTA-Blut	Bestimmung zytochemisch-zytometrischer Merkmale	AA-0178-V010
Großes Blutbild	EDTA-Blut	Partikelzählung, Partikelgrößenbestimmung, Bestimmung zytochemisch-zytometrischer Merkmale	AA-0178-V010

Analyt / Indikation (Messgröße; Gen/e, Variante/n)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/ Version
Kleines Blutbild	EDTA-Blut	Partikelzählung, Partikelgrößenbestimmung, Bestimmung zytochemisch-zytometrischer Merkmale	AA-0178-V010
Chlorid	Serum, Urin	ISE	AA-1480-V006
Kalium	Serum, Urin	ISE	AA-1480-V006
Natrium	Serum, Urin	ISE	AA-1480-V006
Monoklonale Gammopathie	Serum	Kapillarelektrophorese	AA-1530-V003
Serumeiweiß	Serum	Kapillarelektrophorese	AA-1486-V006
Antithrombin III	Citratplasma	optische Detektionsverfahren	AA-1528-V006
D-Dimer	Citratplasma	optische Detektionsverfahren	AA-1528-V006
Fibrinogen	Citratplasma	optische Detektionsverfahren	AA-1528-V006
INR	Citratplasma	optische Detektionsverfahren	AA-1528-V006
Partielle Thromboplastinzeit	Citratplasma	optische Detektionsverfahren	AA-1528-V006

Analyt / Indikation (Messgröße; Gen/e, Variante/n)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/ Version
Plasmathrombinzeit	Citratplasma	optische Detektionsverfahren	AA-1528-V006
Faktor 9	Citratplasma	optische Detektionsverfahren	AA-1528-V006
Anti-Xa	Citratplasma	optische Detektionsverfahren	AA-1528-V006
Faktor 13	Citratplasma	Turbidimetrischer Immunoassay	AA-1528-V006
freies Protein S	Citratplasma	optische Detektionsverfahren	AA-1528-V006
von Willebrand-Faktor Antigen	Citratplasma	Turbidimetrischer Immunoassay	AA-1528-V006
von Willebrand-FaktorAktivität	Citratplasma	Turbidimetrischer Immunoassay	AA-1528-V006
Protein C	Citratplasma	optische Detektionsverfahren	AA-1528-V006
APC-Resistenz, FV Leiden	Citratplasma	optische Detektionsverfahren	AA-1528-V006
Faktor 8	Citratplasma	optische Detektionsverfahren	AA-1528-V006

Analyt / Indikation (Messgröße; Gen/e, Variante/n)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/ Version
Faktor 12	Citratplasma	optische Detektionsverfahren	AA-1528-V006
Thromboplastinzeit	Citratplasma	optische Detektionsverfahren	AA-1528-V006
AFP	Serum	ECLIA	AA-1487-V006
Anti-Müller-Hormon	Serum	ECLIA	AA-1487-V006
Beta-HCG	Serum	ECLIA	AA-1487-V006
CA 125	Serum	ECLIA	AA-1487-V006
CA 15-3	Serum	ECLIA	AA-1487-V006
CA 19-9	Serum	ECLIA	AA-1487-V006
CEA	Serum	ECLIA	AA-1487-V006
Cortisol	Serum	ECLIA	AA-1487-V006
C-Peptid	Serum	ECLIA	AA-1487-V006
cyclischen Citrullin Peptid-Antikörper (Anti-CCP)	Serum	ECLIA	AA-1487-V006
DHEA-S	Serum	ECLIA	AA-1487-V006
Folsäure	Serum	ECLIA	AA-1487-V006
FSH	Serum	ECLIA	AA-1487-V006
FT3	Serum	ECLIA	AA-1487-V006
FT4	Serum	ECLIA	AA-1487-V006
Holotranscobalamin (Active B12)	Serum	ECLIA	AA-1487-V006
Humanes Wachstumshormon (hGH)	Serum	ECLIA	AA-1487-V006
Insulin	Serum	ECLIA	AA-1487-V006
insulinähnlicher Wachstumsfaktor-1 (IGF-1)	Serum	ECLIA	AA-1487-V006
LH	Serum	ECLIA	AA-1487-V006
N-terminales pro-B-Typ natriuretisches Peptid (NPROBNP)	Serum	ECLIA	AA-1487-V006
Osteocalcin	Serum	ECLIA	AA-1487-V006
Östradiol	Serum	ECLIA	AA-1487-V006

Analyt / Indikation (Messgröße; Gen/e, Variante/n)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/ Version
Parathormon	Serum	ECLIA	AA-1487-V006
Progesteron	Serum	ECLIA	AA-1487-V006
Prolaktin	Serum	ECLIA	AA-1487-V006
PSA	Serum	ECLIA	AA-1487-V006
SHBG	Serum	ECLIA	AA-1487-V006
ß-CrossLaps	Serum	ECLIA	AA-1487-V006
Testosteron	Serum	ECLIA	AA-1487-V006
Troponin T	Serum	ECLIA	AA-1487-V006
TSH	Serum	ECLIA	AA-1487-V006
Vitamin B12	Serum	ECLIA	AA-1487-V006
Vitamin D	Serum	ECLIA	AA-1487-V006
Inhibin B	Serum	ELISA	AA-1703-V001
AFP	Fruchtwasser	Immunometrie (CLIA)	AA-1517-V005
Freies Beta-HCG	Serum	Immunometrie (CLIA)	AA-1517-V005
PAPP-A	Serum	Immunometrie (CLIA)	AA-1517-V005
Procalcitonin	Serum	Immunometrie (CLIA)	AA-1517-V005
Erythrozyten	Urin, Urinsediment	Hellfeldmikroskopie	AA-1467-V004
Erythrozytenzylinder	Urin, Urinsediment	Hellfeldmikroskopie	AA-1467-V004
Granulierte Zylinder	Urin, Urinsediment	Hellfeldmikroskopie	AA-1467-V004
Hyaline Zylinder	Urin, Urinsediment	Hellfeldmikroskopie	AA-1467-V004
Leukozyten	Urin, Urinsediment	Hellfeldmikroskopie	AA-1467-V004
Leukozytenzylinder	Urin, Urinsediment	Hellfeldmikroskopie	AA-1467-V004
Plattenepithelien	Urin, Urinsediment	Hellfeldmikroskopie	AA-1467-V004

Analyt / Indikation (Messgröße; Gen/e, Variante/n)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/ Version
Rundepithelien	Urin, Urinsediment	Hellfeldmikroskopie	AA-1467-V004
Übergangsepithelien	Urin, Urinsediment	Hellfeldmikroskopie	AA-1467-V004
Wachszylinder	Urin, Urinsediment	Hellfeldmikroskopie	AA-1467-V004
atypische Lymphozten	Vollblut	Hellfeldmikroskopie nach Anfärbung mittels Farbstoffen	AA-0167-V010
Basophile Granulozyten	Vollblut	Hellfeldmikroskopie nach Anfärbung mittels Farbstoffen	AA-0167-V010
Blasten	Vollblut	Hellfeldmikroskopie nach Anfärbung mittels Farbstoffen	AA-0167-V010
Eosinophile Granulozyten	Vollblut	Hellfeldmikroskopie nach Anfärbung mittels Farbstoffen	AA-0167-V010
Kernschatten	Vollblut	Hellfeldmikroskopie nach Anfärbung mittels Farbstoffen	AA-0167-V010

Analyt / Indikation (Messgröße; Gen/e, Variante/n)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/ Version
Lymphozyten	Vollblut	Hellfeldmikroskopie nach Anfärbung mittels Farbstoffen	AA-0167-V010
Metamyelozyten	Vollblut	Hellfeldmikroskopie nach Anfärbung mittels Farbstoffen	AA-0167-V010
Monozyten	Vollblut	Hellfeldmikroskopie nach Anfärbung mittels Farbstoffen	AA-0167-V010
Morphologie Erythrozyten	Vollblut	Hellfeldmikroskopie nach Anfärbung mittels Farbstoffen	AA-0167-V010
Morphologie Leukozyten	Vollblut	Hellfeldmikroskopie nach Anfärbung mittels Farbstoffen	AA-0167-V010
Morphologie Thrombozyten	Vollblut	Hellfeldmikroskopie nach Anfärbung mittels Farbstoffen	AA-0167-V010
Myelozyten	Vollblut	Hellfeldmikroskopie nach Anfärbung mittels Farbstoffen	AA-0167-V010

Analyt / Indikation (Messgröße; Gen/e, Variante/n)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/ Version
Normoblasten	Vollblut	Hellfeldmikroskopie nach Anfärbung mittels Farbstoffen	AA-0167-V010
Plasmazellen	Vollblut	Hellfeldmikroskopie nach Anfärbung mittels Farbstoffen	AA-0167-V010
Promyelozyten	Vollblut	Hellfeldmikroskopie nach Anfärbung mittels Farbstoffen	AA-0167-V010
Segmentkernige Granulozyten	Vollblut	Hellfeldmikroskopie nach Anfärbung mittels Farbstoffen	AA-0167-V010
Stabkernige Granulozyten	Vollblut	Hellfeldmikroskopie nach Anfärbung mittels Farbstoffen	AA-0167-V010
Bilirubin	Urin	Teststreifen	AA-1467-V004
Glucose	Urin	Teststreifen	AA-1467-V004
Hämoglobin/Erythrozyten	Urin	Teststreifen	AA-1467-V004
Ketone	Urin	Teststreifen	AA-1467-V004
Leukozyten	Urin	Teststreifen	AA-1467-V004
Nitrit	Urin	Teststreifen	AA-1467-V004
pH	Urin	Teststreifen	AA-1467-V004
Proteine	Urin	Teststreifen	AA-1467-V004
Urobilinogen	Urin	Teststreifen	AA-1467-V004

Analyt / Indikation (Messgröße; Gen/e, Variante/n)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/ Version
Antistreptolysin O (ASLO)	Serum	UV-/VIS-Photometrie	AA-1480-V006
Complement C3c (C3)	Serum	UV-/VIS-Photometrie	AA-1480-V006
Complement C4 (C4)	Serum	UV-/VIS-Photometrie	AA-1480-V006
Albumin	Serum	UV-/VIS-Photometrie	AA-1480-V006
Albumin	Urin	UV-/VIS-Photometrie	AA-1480-V006
Alkalische Phosphatase	Serum	UV-/VIS-Photometrie	AA-1480-V006
Amylase	Serum	UV-/VIS-Photometrie	AA-1480-V006
Bilirubin, direkt	Serum	UV-/VIS-Photometrie	AA-1480-V006
Bilirubin, gesamt	Serum	UV-/VIS-Photometrie	AA-1480-V006
Calcium	Serum, Plasma, Urin	UV-/VIS-Photometrie	AA-1480-V006
CHE	Serum	UV-/VIS-Photometrie	AA-1480-V006
Cholesterin	Serum	UV-/VIS-Photometrie	AA-1480-V006
CK	Serum	UV-/VIS-Photometrie	AA-1480-V006
CK-MB	Serum	UV-/VIS-Photometrie	AA-1480-V006
Cystatin C (CYSC)	Serum	UV-/VIS-Photometrie	AA-1480-V006
Eisen	Serum	UV-/VIS-Photometrie	AA-1480-V006
Eiweiß	Urin	UV-/VIS-Photometrie	AA-1480-V006

Analyt / Indikation (Messgröße; Gen/e, Variante/n)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/ Version
Eiweiß, gesamt	Serum	UV-/VIS-Photometrie	AA-1480-V006
GGT	Serum	UV-/VIS-Photometrie	AA-1480-V006
Glucose	Serum, NaF-Plasma	UV-/VIS-Photometrie	AA-1480-V006
GOT (AST)	Serum	UV-/VIS-Photometrie	AA-1480-V006
GPT (ALT)	Serum	UV-/VIS-Photometrie	AA-1480-V006
Harnsäure	Serum	UV-/VIS-Photometrie	AA-1480-V006
Harnstoff	Serum	UV-/VIS-Photometrie	AA-1480-V006
HDL Cholesterin	Serum	UV-/VIS-Photometrie	AA-1480-V006
Homocystein	Serum	UV-/VIS-Photometrie	AA-1480-V006
Kreatinin	Serum,Urin	UV-/VIS-Photometrie	AA-1480-V006
LDH	Serum	UV-/VIS-Photometrie	AA-1480-V006
LDL	Serum	UV-/VIS-Photometrie	AA-1480-V006
Lipase	Serum	UV-/VIS-Photometrie	AA-1480-V006
Magnesium	Serum	UV-/VIS-Photometrie	AA-1480-V006
Phosphat	Serum	UV-/VIS-Photometrie	AA-1480-V006
Triglyceride	Serum	UV-/VIS-Photometrie	AA-1480-V006
Blutsenkung (in mm/h)	EDTA-Blut	VIS-Photometrie	AA-1595-V001

Analyt / Indikation (Messgröße; Gen/e, Variante/n)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/ Version
Lp (a)	Serum	Turbidimetrie	AA-1480-V006
TG	Serum	Turbidimetrie	AA-1480-V006
alpha 1 Antitrypsin	Serum	Turbidimetrie	AA-1480-V006
Coeruloplasmin	Serum	Turbidimetrie	AA-1480-V006
C-reaktives Protein	Serum	Turbidimetrie	AA-1480-V006
Ferritin	Serum	Turbidimetrie	AA-1480-V006
Haptoglobin	Serum	Turbidimetrie	AA-1480-V006
HbA1c	EDTA-Blut	Turbidimetrie	AA-1480-V006
Transferrin	Serum	Turbidimetrie	AA-1480-V006
17-OH-Progesteron	Serum	ELISA	AA-1703-V001
5alpha-Dihydrotestosteron (DHT)	Serum	ELISA	AA-1703-V001
DHEA	Serum	ELISA	AA-1703-V001
Osmolalität	Serum, Urin	Kyroskopie	AA-1678-V001
Bakterien	Urin, Urinsediment	Hellfeldmikroskopie	AA-1467-V004
Pilze	Urin, Urinsediment	Hellfeldmikroskopie	AA-1467-V004
HLA-Crossmatch	CPDA1-Blut, Serum	Durchflusszytometrie	AA-0176-V009
1,25 Dihydroxivitamin D	Serum	CLIA	AA-1624-V002
ACTH	EDTA-Plasma	CLIA	AA-1624-V002
Aldosteron	Serum	CLIA	AA-1624-V002

Analyt / Indikation (Messgröße; Gen/e, Variante/n)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/ Version
Androstendion	Serum	CLIA	AA-1624-V002
BAP	Serum	CLIA	AA-1624-V002
Calcitonin	Serum	CLIA	AA-1624-V002
Renin	EDTA-Plasma	CLIA	AA-1624-V002
Agammaglobulinämie hereditäre (BLNK, BTK, CD79A, CD79B, IGHM, IGLL1, LRRC8A, PIK3R1)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V002, AA-1729-V001, AA-1617-V003, AA-1709-V002, AA-1733-V003
Hereditäre periodische Fiebersyndrome (HPF) (ELANE, IL1RN, IL36RN,LPIN2, MEFV, MVK, NLRC4, NLRP12, NLRP3, NOD2, PSMB8, PSTPIP1, TMEM173, TNFRSF1A)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V002, AA-1729-V001, AA-1617-V003, AA-1709-V002, AA-1733-V003
Immundefekte im Kindesalter primäre (ADA, AK2, AP3B1, BLNK, BTK, CD247, CD3D, CD3E, CD3G, CD40, CD40LG, CD79A, CD79B, CD8A, CIITA, CLPB, CORO1A, CSF3R, CXCR4, DCLRE1C, DOCK8, ELANE, FOXN1, G6PC3, GATA1, GATA2, GFI1, HAX1, IGHM, IGLL1, IKZF1, IL2RG, IL7R, ITK, JAGN1, JAK3, LAMTOR2, LCK, LIG4, LRRC8A, LYST, MAGT1, NHEJ1, ORAI1, PIK3R1, PNP, PRKDC, PTPRC, RAB27A, RAG1, RAG2, RFX5, RFXANK], RFXAP, RHOH , RMRP, SBDS , SLC37A4, STAT5B, STIM1, STK4, TAP1, TAP2, TAPBP , TAZ, TRAC, UNC119 , USB1, VPS13B , VPS45, WAS, ZAP70)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V002, AA-1729-V001, AA-1617-V003, AA-1709-V002, AA-1733-V003

Analyt / Indikation (Messgröße; Gen/e, Variante/n)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/ Version
Kombinierte T- und B-Zellimmundefekte (ADA, AK2 , CD247, CD3D , CD3E, CD3G, CD40, CD40LG, CD8A, CIITA, CORO1A, DCLRE1C, DOCK8, FOXN1, IKZF1, L2RG, IL7R, ITK, JAK3, LCK, LIG4, MAGT1, NHEJ1, ORAI1 , PNP, PRKDC, PTPRC, RAG1, RAG2, RFX5, RFXANK, RFXAP, RHOH, RMRP, STAT5B, STIM1, STK4, TAP1, TAP2, TAPBP, TRAC, UNC119, ZAP70,)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V002, AA-1729-V001, AA-1617-V003, AA-1709-V002, AA-1733-V003
Neutropenie, kongenital (AP3B1, CLPB, CSF3R, CXCR4, ELANE, G6PC3, GATA1, GATA2, GFI1, HAX1, JAGN1, LAMTOR2, LYST, RAB27A, SBDS, SLC37A4, TAZ, USB1, VPS13B, VPS45, WAS)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V002, AA-1729-V001, AA-1617-V003, AA-1709-V002, AA-1733-V003
Omenn-Syndrom (OS) (ADA, AK2, DCLRE1C, IL2RG, IL7R, JAK3, LIG4, RAG1, RAG2, RMRP)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V002, AA-1729-V001, AA-1617-V003, AA-1709-V002, AA-1733-V003
Schwere kombinierte Immundefekte T-B-) (ADA, AK2, DCLRE1C, LIG4, NHEJ1, PRKDC, RAG1, RAG2)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V002, AA-1729-V001, AA-1617-V003, AA-1709-V002, AA-1733-V003

Analyt / Indikation (Messgröße; Gen/e, Variante/n)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/ Version
Schwere kombinierte Immundefekte T-B+) (CD247, CD3D, CD3E, CORO1A, FOXN1, IL2RG, IL7R, JAK3, PTPRC)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V002, AA-1729-V001, AA-1617-V003, AA-1709-V002, AA-1733-V003
Agammaglobulinämie Bruton (XLA) (BTK-Gen)	EDTA-Blut, DNA aus Blut	Sanger-Sequenzierung	AA-0197-V007, AA-0269-V007, AA-1313-V007
Autoimmun-Polyendokrinopathie-Candidiasis-Ektodermaldystrophie-Syndrom Typ I (APECED) (AIRE-Gen)	EDTA-Blut, DNA aus Blut	Sanger-Sequenzierung	AA-0197-V007, AA-0269-V007, AA-1313-V007
CINCA-Syndrom (NLRP3-Gen)	EDTA-Blut, DNA aus Blut	Sanger-Sequenzierung	AA-0197-V007, AA-0269-V007, AA-1313-V007
Cryopyrin-assoziierte periodische Syndrome (CAPS) (NLRP3-Gen)	EDTA-Blut, DNA aus Blut	Sanger-Sequenzierung	AA-0197-V007, AA-0269-V007, AA-1313-V007
Familiäres Kälte-assoziiertes autoinflammatorisches Syndrom Typ I (NLRP3-Gen)	EDTA-Blut, DNA aus Blut	Sanger-Sequenzierung	AA-0197-V007, AA-0269-V007, AA-1313-V007
Hyper-IgD-und-periodisches-Fiebersyndrom (HIDS) (MVK-Gen)	EDTA-Blut, DNA aus Blut	Sanger-Sequenzierung	AA-0197-V007, AA-0269-V007, AA-1313-V007

Analyt / Indikation (Messgröße; Gen/e, Variante/n)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/ Version
Hyper-IgM-Syndrom (AICDA-Gen)	EDTA-Blut, DNA aus Blut	Sanger-Sequenzierung	AA-0197-V007, AA-0269-V007, AA-1313-V007
Hyper-IgM-Syndrom (CD40-Gen)	EDTA-Blut, DNA aus Blut	Sanger-Sequenzierung	AA-0197-V007, AA-0269-V007, AA-1313-V007
Hyper-IgM-Syndrom (CD40LG-Gen)	EDTA-Blut, DNA aus Blut	Sanger-Sequenzierung	AA-0197-V007, AA-0269-V007, AA-1313-V007
Hyper-IgM-Syndrom (UNG-Gen)	EDTA-Blut, DNA aus Blut	Sanger-Sequenzierung	AA-0197-V007, AA-0269-V007, AA-1313-V007
Mevalonazidurie (MVK-Gen)	EDTA-Blut, DNA aus Blut	Sanger-Sequenzierung	AA-0197-V007, AA-0269-V007, AA-1313-V007
Mittelmeerfieber, familiäre Form (FMF) (MEFV-Gen)	EDTA-Blut, DNA aus Blut	Sanger-Sequenzierung	AA-0197-V007, AA-0269-V007, AA-1313-V007
Muckle-Wells-Syndrom (NLRP3-Gen)	EDTA-Blut, DNA aus Blut	Sanger-Sequenzierung	AA-0197-V007, AA-0269-V007, AA-1313-V007

Analyt / Indikation (Messgröße; Gen/e, Variante/n)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/ Version
TNF-Rezeptor-1-assoziiertes periodisches Syndrom (TRAPS) (TNFRSF1A-Gen)	EDTA-Blut, DNA aus Blut	Sanger-Sequenzierung	AA-0197-V007, AA-0269-V007, AA-1313-V007
Wiskott-Aldrich-Syndrom (WAS) (WAS-Gen)	EDTA-Blut, DNA aus Blut	Sanger-Sequenzierung	AA-0197-V007, AA-0269-V007, AA-1313-V007
X-gebundener schwerer kombinierter Immundefekt (X-SCID) (IL2RG-Gen)	EDTA-Blut, DNA aus Blut	Sanger-Sequenzierung	AA-0197-V007, AA-0269-V007, AA-1313-V007
X-gebundenes lymphoproliferatives Syndrom (XLP1) (SH2D1A-Gen)	EDTA-Blut, DNA aus Blut	Sanger-Sequenzierung	AA-0197-V007, AA-0269-V007, AA-1313-V007
Zyklische Neutropenie (CyN) / schwere kongenitale Neutropenie (SCN) (ELANE)	EDTA-Blut, DNA aus Blut	Sanger-Sequenzierung	AA-0197-V007, AA-0269-V007, AA-1313-V007
Rheumatoide Arthritis (IL4R (dbSNP rs1805010))	EDTA-Blut, DNA aus Blut	Sanger-Sequenzierung	AA-0197-V007, AA-0269-V007, AA-1313-V007
Rheumatoide Arthritis (TNF-α-Promotor (dbSNP rs361525, rs1800629, rs1800750, rs1799724, rs1800630, rs1799964))	EDTA-Blut, DNA aus Blut	Sanger-Sequenzierung	AA-0197-V007, AA-0269-V007, AA-1313-V007
Shwachman-Bodian-Diamond-Syndrom (SBDS-Gen)	EDTA-Blut, DNA aus Blut	Sanger-Sequenzierung	AA-0197-V007, AA-0269-V007, AA-1313-V007

Analyt / Indikation (Messgröße; Gen/e, Variante/n)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/ Version
X-gekoppelte Agammaglobulinämie Typ Bruton, XLA (BTK-Gen)	EDTA-Blut, DNA aus Blut	(MS) MLPA	AA-0103-V008
AB0-Blutgruppenbestimmung	EDTA-Blut / Vollblut	Hämagglutinationstest / Geltechnik	AA-1475-V009
Antikörpersuchtest	EDTA-Blut / Vollblut	Hämagglutinationstest / Geltechnik	AA-1475-V009
direkter Coombstest	EDTA-Blut / Vollblut	Hämagglutinationstest / Geltechnik	AA-1475-V009
Kellsystem	EDTA-Blut / Vollblut	Hämagglutinationstest / Geltechnik	AA-1475-V009
Rh-D-Bestimmung	EDTA-Blut / Vollblut	Hämagglutinationstest / Geltechnik	AA-1475-V009
Rhesusformel	EDTA-Blut / Vollblut	Hämagglutinationstest / Geltechnik	AA-1475-V009
Serumgegenprobe zur AB0-Bestimmung	EDTA-Blut / Vollblut	Hämagglutinationstest / Geltechnik	AA-1475-V009
KIR	Genomische DNA	PCR-SSO	AA-0207-V008
KIR	Genomische DNA	PCR-SSP	AA-0207-V008
HLA-Antikörper	Serum, EDTA-Plasma	Festphasenassay	AA-0394-V010

Analyt / Indikation (Messgröße; Gen/e, Variante/n)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/ Version
HLA-Klasse I	Genomische DNA	Sanger-Sequenzierung	AA-0201-V0111, AA-0206-V007
HLA-Klasse I, II	Genomische DNA	Sequencing-by synthesis (Illumina), MiSeq/NovaSeq Illumina, IMGT HLA-Datenbank	AA-1391-V010
HLA-Klasse I, II	Genomische DNA	longrange-PCR, Sequencing-by synthesis (Illumina), MiSeq/NovaSeq Illumina, IMGT HLA-Datenbank	AA-1550-V006
HLA-Klasse I, II	Genomische DNA	PCR-SSO	AA-0211-V017
HLA-Klasse I, II	Genomische DNA	PCR-SSP	AA-0192-V016
HLA-Klasse I, II	Genomische DNA	Sanger-Sequenzierung	AA-0215-V011
Nachweis der Exone 5,7 und 10 des RHD Gens (Nachweis der Exone 5,7 und 10 des RHD Gens)	fetale cfDNA aus mütterlichem Plasma (EDTA)	Real-time PCR	AA-1721-V003

Analyt / Indikation (Messgröße; Gen/e, Variante/n)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/ Version
Augenerkrankungen (ABCA4, ADAM9, ADGRV1, AGBL5, AIPL1, ALMS1, ARL2BP, ARL6, BBIP1, BBS1, BBS10, BBS12, BBS2, BBS4, BBS5, BBS7, BBS9, BEST1, C8orf37, CA4, CCDC28B, CDH23, CDH23, CDHR1, CEP290, CERKL, CIB2, CLN3, CLRN1, CNGA1, CNGA3, CNGB1, CNGB3, CRB1, CRX, CYP4V2, DHDDS, EYS, FAM161A, FSCN2, GUCA1A, GUCA1B, GUCY2D, HARS, IDH3A, IDH3B, IFT140, IFT172, IFT27, IFT74, IMPDH1, IMPG1, IMPG2, INVS, IQCB1, KCNV2, KIAA1549, KIZ, KLHL7, LCA5, LRAT, LRP5, LZTFL1, MAK, MERTK, MKKS, MKS1, MYO7A, MYO7A, NMNAT1, NPHP1, NPHP3, NPHP4, NR2E3, NRL, NYX, OFD1, OPA1, PAX6, PCARE, PCDH15, PCDH15, PDE6A, PDE6B, PDE6G, PDZD7, PRCD, PROM1, PRPF3, PRPF31, PRPF4, PRPF6, PRPF8, PRPH2, RBP3, RGR, RHO, RLBP1, ROM1, RP1, RP2, RP9, RPE65, RPGR, RPGRIP1, RS1, SAG, SDCCAG8, SEMA4A, SLC7A14, SNRNP200, SPATA7, TMEM67, TOPORS, TRAF3IP1, TRIM32, TRPM1, TTC8, TULP1, USH1C, USH1G, USH2A, USH2A, WDPCP, WDR19, WHRN, ZNF408, ZNF513)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V005
Typ-1-Fibrillinopathien (FBN1)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V006
Ehlers-Danlos-Syndrom (EDS), dominante Subtypen (COL1A1, COL1A2, COL3A1, COL5A1, COL5A2)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V007

Analyt / Indikation (Messgröße; Gen/e, Variante/n)	**Untersuchungsmaterial (Matrix)**	**Untersuchungstechnik**	**Anweisung/ Version**
Ehlers-Danlos-Syndrom, rezessive Subtypen (ADAMTS2, AEBP1, B3GALT6, B4GALT7, CHST14, COL1A2, DSE, FKBP14, PLOD1, SLC39A13, TNXB)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V006
Ehlers-Danlos-Syndrom, classic like Typ 1 (TNXB)	EDTA-Blut, DNA aus Blut	Sanger-Sequenzierung	AA-0272-V005; AA-0269-V007; AA-1668-V001
Ehlers-Danlos-Syndrom, classic like Typ 1 (TNXB)	EDTA-Blut, DNA aus Blut	(MS) MLPA	AA-0103-V009
Ehlers-Danlos-Syndrom, seltene Formen, Differenzialdiagnosen (C1R, C1S, COL12A1, FLNA, COL6A1, COL6A2, COL6A3, EMILIN1, PHYKPL, PIEZO2, PLOD3, PRDM5, SLC2A10, ZNF469)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V006

Analyt / Indikation (Messgröße; Gen/e, Variante/n)	**Untersuchungsmaterial (Matrix)**	**Untersuchungstechnik**	**Anweisung/ Version**
Cutis laxa (ALDH18A1, ATP6V0A2, ATP6V1A, ATP6V1E1, EFEMP2, ELN, FBLN5, LTBP4, PYCR1	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V006
Kollagen 4-assoziierte intrazerebrale Blutungen (COl4A1, COL4A2)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V006
Loeys-Dietz-Syndrom (LDS) (SMAD2, SMAD3, TGFB2, TGFB3, TGFBR1, TGFBR2)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V006

Analyt / Indikation (Messgröße; Gen/e, Variante/n)	**Untersuchungsmaterial (Matrix)**	**Untersuchungstechnik**	**Anweisung/ Version**
Bikuspide Aortenklappe, mit Risiko für Aortenaneurysma und Aortenstenose/-dilatation (GATA5, NOTCH1, ROBO4, SMAD6)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V006
Thorakale Aortenerweiterung mit dem Risiko der Aortendissektion (ACTA2, BGN, COL1A1, COL3A1, COL4A5, COL5A1, COL5A2, EFEMP2, ELN, EMILIN1, FBLN5, FBN1, FBN2, FLNA, FOXE3, GATA5, LOX, LTBP3, MAT2A, MFAP5, MYH11, MYLK, NOTCH1, PLOD1, PRKG1, ROBO4, SKI, SLC2A10, SMAD2, SMAD3, SMAD4, SMAD6, TGFB2, TGFB3, TGFBR1, TGFBR2)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V006
Marfan-ähnliche Erkrankungen (ADAMTS10, ADAMTS17, ADAMTSL2, ADAMTSL4, EFEMP1, FBN1,FBN2, LTBP2, LTBP3, MED12, SKI, UPF3B, ZDHHC9)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V006

Analyt / Indikation (Messgröße; Gen/e, Variante/n)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/ Version
Osteogenesis imperfecta (OI) ALPL, BMP1, COL1A1, COL1A2, CREB3L1, CRTAP, FKBP10, IFITM5, MBTPS2, P3H1, , P4HB, PLOD2, PLS3, PPIB, SEC24D, SERPINF1, SERPINH1, SP7, TMEM38B, WNT1)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V006
Kraniosynostosen (ALPL, ALX4, CDC45, EFNB1, ERF, ESCO2, FGFR1, FGFR2, FGFR3, GLI3, IFT122, IFT140, IFT43, IL11RA, IMPAD1, MYH3, P4HB, POR, RAB23, RECQL4, SCARF2, SEC24D, SMAD6, TCF12, TWIST1)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V006
Jeune-/Kurzrippen-Polydaktylie-Syndrom (CEP120, CSPP1, DYNC2H1, DYNC2LI1, EVC, EVC2, IFT122, IFT140, IFT172, IFT43, IFT52, IFT80, KIAA0586, NEK1, TCTN3, TTC21B, WDR19, WDR34, WDR35, WDR60)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V006

Analyt / Indikation (Messgröße; Gen/e, Variante/n)	**Untersuchungsmaterial (Matrix)**	**Untersuchungstechnik**	**Anweisung/ Version**
Stickler-Syndrom (COL11A1, COL11A2, COL2A1, COL9A1, COL9A2)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V006
sonstige Bindegewebserkrankungen/Skelettdysplasien (COL2A1, COL11A1, COL11A2)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V006
Metaphysäre Chondrodysplasie Typ Schmid (MCDS) (COL10A1)	EDTA-Blut, DNA aus Blut	Sanger-Sequenzierung	AA-0272-V005; AA-0269-V007; AA-1668-V001
Achondroplasie / Hypochondroplasie / Thanatophore Dysplasie (FGFR3)	EDTA-Blut, DNA aus Blut	Sanger-Sequenzierung	AA-0272-V005; AA-0269-V007; AA-1668-V001

Analyt / Indikation (Messgröße; Gen/e, Variante/n)	**Untersuchungsmaterial (Matrix)**	**Untersuchungstechnik**	**Anweisung/ Version**
Léri-Weill Dyschondrosteose (LWD), Langer mesomele Dysplasie (LMD) (SHOX)	EDTA-Blut, DNA aus Blut	Sanger-Sequenzierung	AA-0272-V005; AA-0269-V007; AA-1668-V001
Léri-Weill Dyschondrosteose (LWD), Langer mesomele Dysplasie (LMD) (SHOX)	EDTA-Blut, DNA aus Blut	(MS) MLPA	AA-0103-V009
Hereditäre Sphärozytose (ANK1, EPB42, SLC4A1, SPTA1, SPTB)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V006
Glucose-6-Phosphat-Dehydrogenase-Defizienz (Favismus) (G6PD-Gen)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V006

Analyt / Indikation (Messgröße; Gen/e, Variante/n)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/ Version
Angeborene Herzfehler (ACTC1, ACVR2B, ADAMTS10, ARHGAP31, BMPR2, BRAF, CBL, CFAP53, CHD7, CITED2, CREBBP, CRELD1, DNAH11, DNAH5, DNAI1, DOCK6, DTNA, EHMT1, ELN, EOGT, EP300, EVC, EVC2, FBN1, FBN2, FLNA, FOXC1, FOXH1, FOXP1, GATA4, GATA5, GATA6, GDF1, GJA1, GPC3, HRAS, JAG1, JAG1, KDM6A, KMT2D, KRAS, LEFTY2, LZTR1, MAP2K1, MAP2K2, MED12, MED13L, MGP, MMP21, MRAS, MYH11, MYH6, NF1, NIPBL, NKX2-5, NKX2-6, NODAL, NOTCH1, NOTCH2, NPHP4, NR2F2, NRAS, NSD1, PITX2, PKD1L1, PPP1CB, PTPN11, RAF1, RBM10, RBPJ, RIT1, RRAS, SALL1, SALL4, SEMA3E, SHOC2, SMAD6, SOS1, SOS2, SPRED1, TAB2, TBX1, TBX20, TBX3, TBX5, TFAP2B, TGFBR1, TGFBR2, TLL1, ZEB2, ZFPM2, ZIC3)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V006
Arrhythmogene Erkrankungen (ABCC9, ACTC1, ACTN2, AKAP9, ALPK3, ANK2, ANKRD1, BAG3, CACNA1C, CACNA2D1, CACNB2, CALM1, CALM2, CALM3, CALR3, CASQ2, CAV3, CRYAB, CSRP3, DES, DSC2, DSG2, DSP, FHL1, FHOD3, FLNC, GAA, GLA, GPD1L, HCN4, JPH2, JUP, KCND3, KCNE1, KCNE2, KCNE3, KCNE5, KCNH2, KCNJ2, KCNJ5, KCNJ8, KCNQ1, LAMP2, LDB3, LMNA, MIB1, MYBPC3, MYH6, MYH7, MYL2, MYL3, MYLK2, MYOZ2, MYPN, NEXN, PKP2, PLN, PRDM16, PRKAG2, RAF1, RANGRF, RBM20, RYR2, SCN10A, SCN1B, SCN2B, SCN3B, SCN4B, SCN5A, SLC4A3, SNTA1, TAZ, TCAP, TECRL, TGFB3, TMEM43, TNNC, TNNI3, TNNT2, TPM1, TRDN, TRPM4, TTN, TTR, VCL)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V006
Hämophilie A (Geninversionen int-22h/int-1h)	EDTA-Blut, DNA aus Blut	Long Range PCR	AA-1413-V003
Gerinnungsstörung Blutungsneigung (F7, FXIII, VWF)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V006

Analyt / Indikation (Messgröße; Gen/e, Variante/n)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/ Version
Gerinnungsstörung Thromboseneigung (PROC, PROS1, SERPINC1)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V006
Thrombophilie (Faktor V Leiden, F5, dbSNP rs6025)	EDTA-Blut, DNA aus Blut	Fluoreszenz-markierte Hybridisierungssonden	AA-1727-V001
Thrombophilie (Prothrombin, F2, dbSNP rs1799963)	EDTA-Blut, DNA aus Blut	Fluoreszenz-markierte Hybridisierungssonden	AA-1727-V001
Methylentetrahydrofolatreduktase- (MTHFR-) Defizienz (MTHFR-Gen: dbSNP rs1801133, rs1801131)	EDTA-Blut, DNA aus Blut	Fluoreszenz-markierte Hybridisierungssonden	AA-1727-V001
Apolipoprotein B-Defizienz (FLDB) (APOB-Gen: dbSNP rs5742904)	EDTA-Blut, DNA aus Blut	Restriktionsanalyse	AA-0143-V004
APOE-Genotypisierung (APOE-Gen, dbSNP rs429358, rs7412)	EDTA-Blut, DNA aus Blut	Sanger-Sequenzierung	AA-0272-V005; AA-0269-V007; AA-1668-V001
Hämochromatose (HFE-Gen: dbSNP rs1800562, rs1799945, rs1800730)	EDTA-Blut, DNA aus Blut	Fluoreszenz-markierte Hybridisierungssonden	AA-1727-V001
Alpha-1-Antitrypsin-Mangel (SERPINA1-Gen:dbSNP rs17580, rs28929474)	EDTA-Blut, DNA aus Blut	Fluoreszenz-markierte Hybridisierungssonden	AA-1727-V001

Analyt / Indikation (Messgröße; Gen/e, Variante/n)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/ Version
Arzneimittelunverträglichkeit von CYP2C9-Substraten (CYP2C9, dbSNP rs1799853, rs1057910)	EDTA-Blut, DNA aus Blut	Fluoreszenz-markierte Hybridisierungssonden	AA-1727-V001; DB-0181-V008
Arzneimittelunverträglichkeit, Cytochrom P-450-bedingte (CYP2D6, CYP2C19, CYP1A2, CYP2B6, CYP2C8, CYP3A4, CYP3A5)	EDTA-Blut, DNA aus Blut	Sanger-Sequenzierung	AA-0590-V011; DB-0183-V007, AA-0272-V005; AA-0269-V007; AA-1668-V001
Laktoseintoleranz (LCT-Gen: dbSNP rs182549)	EDTA-Blut, DNA aus Blut	Fluoreszenz-markierte Hybridisierungssonden	AA-1727-V001
5 Fu-Toxizität (DPYD-Gen c.[1236G>A; 1129-5923G>C, 483 DPYD-Gen c.[1236G>A;1129-5923G>C 483+18G>A] (Haplotyp B) c.1679T>G c.1905+1G>A (Exon 14 Skipping Mutation) c.2846A>T)	EDTA-Blut, DNA aus Blut	Fragmentlängenanalyse	AA-1679-V001
HCV-Therapie (IL28B dbSNP rs12979860)	EDTA-Blut, DNA aus Blut	Fluoreszenz-markierte Hybridisierungssonden	AA-1727-V001
Butyrylcholinesterase (BCHE)-Defizienz und postoperative Apnoe (BCHE-Gen)	EDTA-Blut, DNA aus Blut	Sanger-Sequenzierung	AA-0272-V005; AA-0269-V007; AA-1668-V001
Kongenitaler Laktasemangel (LCT)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1391-V010, AA-1648-V002

Analyt / Indikation (Messgröße; Gen/e, Variante/n)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/ Version
Arzneimittelunverträglichkeit (NAT2)	EDTA-Blut, DNA aus Blut	Sanger-Sequenzierung	AA-0272-V005; AA-0269-V007; AA-1668-V001
Azathioprin-Therapie (TPMT)	EDTA-Blut, DNA aus Blut	Sanger-Sequenzierung	AA-0272-V005; AA-0269-V007; AA-1668-V001
Multi Drug resistance (ABCB1 (MDR1), dbSNP rs1045642)	EDTA-Blut, DNA aus Blut	Restriktionsanalyse	AA-0143-V004
Verträglichkeit catecholaminerger Neurotransmitter (COMT dbSNP rs4680)	EDTA-Blut, DNA aus Blut	Restriktionsanalyse	AA-0143-V004
Detoxifizierungsstörung (CYP1A1 , dbSNP rs4646903, rs1048943)	EDTA-Blut, DNA aus Blut	Restriktionsanalyse	AA-0143-V004
Detoxifizierungsstörung (GSTM1, GSTP1, GSTT1)	EDTA-Blut, DNA aus Blut	Restriktionsanalyse	AA-0143-V004
HCV-Therapie (HCV-Therapie ITPA, dbSNP rs1127354, rs7270101)	EDTA-Blut, DNA aus Blut	Sanger-Sequenzierung	AA-0272-V005; AA-0269-V007; AA-1668-V001
Statin-Unverträglichkeit, Myopathie unter Hochdosis-Therapie (SLCO1B1, dbSNP rs4149056)	EDTA-Blut, DNA aus Blut	Sanger-Sequenzierung	AA-0272-V005; AA-0269-V007; AA-1668-V001
SULT1A1-bedingter verzögerten Phase II-Metabolismus (SULT1A1, dbSNP rs9282861)	EDTA-Blut, DNA aus Blut	Restriktionsanalyse	AA-0143-V004
Cumarin-und Cumarinderivat-Sensitivität (VKORC1, dbSNP rs9934438, rs28527768)	EDTA-Blut, DNA aus Blut	Sanger-Sequenzierung	AA-0272-V005; AA-0269-V007; AA-1668-V001

Analyt / Indikation (Messgröße; Gen/e, Variante/n)	**Untersuchungsmaterial (Matrix)**	**Untersuchungstechnik**	**Anweisung/ Version**
Hypophosphatämie (CLCN5, DMP1, ENPP1, FAM20C, FGF23, PHEX, SLC34A1, SLC34A3, SLC9A3R1)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V007
Hypophosphatasie (ALPL)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V007
Kongenitale Defekte der Glykosylierung (CDG-Syndrome) (ALG1, ALG11, ALG12, ALG13, ALG2, ALG3, ALG6, ALG8, ALG9, B4GALT1, CAD, CCDC115, COG1, COG4, COG5, COG6, COG7, COG8, DDOST, DOLK, DPAGT1, DPM1, DPM2, DPM3, MGAT2, MOGS, MPDU1, MPI, NGLY1, PGM1, PMM2, RFT1, SLC35A1, SLC35A2, SLC35C1, SLC39A8, SRD5A3, SSR4, STT3A, STT3B, TMEM165, TMEM199, TUSC3)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V007

Analyt / Indikation (Messgröße; Gen/e, Variante/n)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/ Version
Mukopolysaccharidosen (MPS) (ARSB, GALNS, GLB1, GNS, GUSB, HGSNAT, HYAL1, IDS, IDUA, NAGLU, SGSH)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V007
Maligne Hyperthermie (RYR1, CACNA1S)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V007
Hyperoxalurie (AGXT, GRHPR, HOGA1)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V007

Analyt / Indikation (Messgröße; Gen/e, Variante/n)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/ Version
Fettstoffwechselstörungen (ABCA1, ANGPTL3, APOA1, APOA5, APOB, APOC2, APOE, GPIHBP1, LCAT, LDLR, LDLRAP1, LIPC, LMF1, LPL, MTTP, PCSK9, SAR1B)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V007
MODY-Diabetes (Maturity-Onset Diabetes of the Young) (ABCC8, APPL1, BLK, CEL, GCK, HNF1A, HNF1B, HNF4A, INS, KCNJ11, KLF11, NEUROD1, PAX4, PDX1)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V007
Porphyrien (ALAD, CPOX, HMBS, PPOX, ALAS2, FECH, UROD, UROS)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V007

Analyt / Indikation (Messgröße; Gen/e, Variante/n)	**Untersuchungsmaterial (Matrix)**	**Untersuchungstechnik**	**Anweisung/ Version**
Adipositas, monogene (KSR2, LEP, LEPR, MC3R, MC4R, MRAP2, NTRK2, PCSK1, POMC, SH2B1, SIM1)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V007
Sphingolipidosen (GLA, GAA, GM2A, HEXA, HEXB, GALC, PSAP, NPC1, NPC2, SMPD1)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V007
Morbus Gaucher (GBA)	EDTA-Blut, DNA aus Blut	Sanger-Sequenzierung	AA-0272-V005; AA-0269-V007; AA-1668-V001
Morbus Gaucher (GBA)	EDTA-Blut, DNA aus Blut	(MS) MLPA	AA-0103-V009

Analyt / Indikation (Messgröße; Gen/e, Variante/n)	**Untersuchungsmaterial (Matrix)**	**Untersuchungstechnik**	**Anweisung/ Version**
Harnstoffzyklusdefekte (ARG1, ASL, ASS1, CPS1, NAGS, OTC, SLC25A13, SLC25A15)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V007
Störungen der Fettsäure-Oxidation (ACADM, HADHA, HADHB, ACADVL, ETFA, ETFB, ETFDH)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V007
Fruktose-Intoleranz, hereditäre (ALDOB, FBP1)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V007

Analyt / Indikation (Messgröße; Gen/e, Variante/n)	**Untersuchungsmaterial (Matrix)**	**Untersuchungstechnik**	**Anweisung/ Version**
Hämochromatose, hereditäre (BMP6, HAMP, HFE, HJV, SLC40A1, TFR2)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V007
Adrenogenitales Syndrom (AGS) (CYP11B1, CYP11B2, CYP17A1, HSD3B2)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V007
Adrenogenitales Syndrom (AGS) (CYP21A2)	EDTA-Blut, DNA aus Blut	Sanger-Sequenzierung	AA-1599-V003; AA-0272-V005; AA-0269-V007; AA-1668-V001
Adrenogenitales Syndrom (AGS) (CYP21A2)	EDTA-Blut, DNA aus Blut	(MS) MLPA	AA-1599-V003, AA-0103-V009

Analyt / Indikation (Messgröße; Gen/e, Variante/n)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/ Version
Ahornsirupkrankheit (MSUD) (BCKDHA, BCKDHB, DBT)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V007
Alkoholintoleranz (ADH1B, ALDH2)	EDTA-Blut, DNA aus Blut	Sanger-Sequenzierung	AA-0272-V005; AA-0269-V007; AA-1668-V001
Alpha-1-Antitrypsin-Mangel (SERPINA1)	EDTA-Blut, DNA aus Blut	Sanger-Sequenzierung	AA-0272-V005; AA-0269-V007; AA-1668-V001
Biotinidasemangel (BTD)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V007

Analyt / Indikation (Messgröße; Gen/e, Variante/n)	**Untersuchungsmaterial (Matrix)**	**Untersuchungstechnik**	**Anweisung/ Version**
Carnitinzyklusdefekte (CPT1A, CPT2, SLC25A20)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V007
Crigler-Najjar-Syndrom (UGT1A1)	EDTA-Blut, DNA aus Blut	Sanger-Sequenzierung	AA-0272-V005; AA-0269-V007; AA-1668-V001
Meulengracht- (Gilbert-) Syndrom (UGT1A1, dbSNP rs3064744)	EDTA-Blut, DNA aus Blut	Sanger-Sequenzierung	AA-0272-V005; AA-0269-V007; AA-1668-V001
Galaktosämie (GALT)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V007
Glutarazidurie Typ 1 (GCDH)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V007

Analyt / Indikation (Messgröße; Gen/e, Variante/n)	**Untersuchungsmaterial (Matrix)**	**Untersuchungstechnik**	**Anweisung/ Version**
Isovalerianazidämie (IVD)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V007
Methylmalonazidurie, Vitamin B12-resistent (MMUT)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V007
Morbus Wilson (ATP7B)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V007

Analyt / Indikation (Messgröße; Gen/e, Variante/n)	**Untersuchungsmaterial (Matrix)**	**Untersuchungstechnik**	**Anweisung/ Version**
Pädiatrische Neurotransmitterstörungen (DBH, DDC, GCH1, MAOA, PCBD1, PTS, QDPR, SLC18A2, SLC6A3, SPR, TH, TPH2)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V007
Phenylketonurie (PAH)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V007
Propionazidämie (PCCA, PCCB)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V007

Analyt / Indikation (Messgröße; Gen/e, Variante/n)	**Untersuchungsmaterial (Matrix)**	**Untersuchungstechnik**	**Anweisung/ Version**
Smith-Lemli-Opitz-Syndrom (DHCR7)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V007
Tyrosinämie Typ I (FAH)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V007
Basalzellnävus-Syndrom (BCNS) (PTCH1, PTCH2, SUFU)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V007

Analyt / Indikation (Messgröße; Gen/e, Variante/n)	**Untersuchungsmaterial (Matrix)**	**Untersuchungstechnik**	**Anweisung/ Version**
Legius-Syndrom (SPRED1)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V007
Neurofibromatose Typ 1 (NF1)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V007
Schwannomatose (LZTR1, NF2, SMARCB1)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V007

Analyt / Indikation (Messgröße; Gen/e, Variante/n)	**Untersuchungsmaterial (Matrix)**	**Untersuchungstechnik**	**Anweisung/ Version**
Tuberöse Sklerose Complex (TSC) (TSC1, TSC2)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V007
TSC2/PKD1-Contiguous-Gene-Syndrom (TSC2-, PKD1-Gen)	EDTA-Blut, DNA aus Blut	(MS) MLPA	AA-0103-V008
Ziliopathien (ACVR2B, AHI1,ALMS1, ANKS6, ARL13B, ARL6, ARMC4, ATXN10, B9D1, B9D2, BBIP1, BBS1, BBS10, BBS12, BBS2, BBS4, BBS5, BBS7, BBS9, BICC1, BMP4, C2CD3, C8orf37, CC2D2A, CCDC103, CCDC114, CCDC151, CCDC28B, CCDC39, CCDC40, CCDC65, CCNO, CENPF, CEP104, CEP120, CEP164, CEP290, CEP41, CEP83, CFAP298, CFAP53, CHD1L, CPLANE1, CRELD1, CSPP1, DCDC2, DDX59, DNAAF1, DNAAF2, DNAAF3, DNAAF4, DNAAF5, DNAH1, DNAH11, DNAH5, DNAH8, DNAI1, DNAI2, DNAJB13, DNAL1, DRC1, DYNC2H1, DYNC2LI1, EVC, EVC2, FRAS1, GANAB, GAS8, GDF1, GLIS2, HNF1B, HYLS1, IFT122, IFT140, IFT172, IFT27, IFT43, IFT52, IFT57, IFT74, IFT80, INPP5E, INTU, INVS, IQCB1, KIAA0556, KIAA0586, KIAA0753, KIF14, KIF7, LEFTY2, LRRC6, LZTFL1, MAPKBP1, MCIDAS, MKKS, MKS1, MMP21, MUC1, NEK1, NEK8, NME8, NODAL, NPHP1, NPHP3, NPHP4, OFD1, PAX2, PDE6D, PIH1D3, PKD1, PKD1L1, PKD2, PKHD1, POC1B, ROBO2, RPGRIP1L, RSPH1, RSPH3, RSPH4A, RSPH9, SCLT1, SDCCAG8, SIX2, SLC41A1, SPAG1, TBC1D32, TCTN1, TCTN2, TCTN3, TMEM107, TMEM138, TMEM216, TMEM216, TMEM231, TMEM237, TMEM67, TRAF3IP1, TRIM32, TTC21B, TTC25, TTC8, UMOD, WDPCP, WDR19, WDR34, WDR35, WDR60, XPNPEP3, ZIC3,	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V007
Morbus Osler (ACVRL1, ENG, GDF2, SMAD4)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V007

Analyt / Indikation (Messgröße; Gen/e, Variante/n)	**Untersuchungsmaterial (Matrix)**	**Untersuchungstechnik**	**Anweisung/ Version**
Thalassämie (HBB, HBA1, HBA2, HBD-, HBG1, HBG2-Promoter)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V007
Sideroblastische Anämie, X-gebunden (XLSA) (ALAS)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V007
Cystische Fibrose (CF) (CFTR)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V007
Congenitale bilaterale Aplasie des Vas deferens (CBAVD) (CFTR)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V007

Analyt / Indikation (Messgröße; Gen/e, Variante/n)	**Untersuchungsmaterial (Matrix)**	**Untersuchungstechnik**	**Anweisung/ Version**
Alopezie (HR)	EDTA-Blut, DNA aus Blut	Sanger-Sequenzierung	AA-0272-V005; AA-0269-V007; AA-1668-V001
Morbus Crohn (NOD2/CARD15, dbSNP rs2066844, rs2066845, rs2066847)	EDTA-Blut, DNA aus Blut	Sanger-Sequenzierung	AA-0272-V005; AA-0269-V007; AA-1668-V001
Interstitielle Lungenerkrankungen im Kindesalter (chILD) (ABCA3, CSF2RA, CSF2RB, FLNA, FOXF1, NKX2-1, SFTPB, SFTPC)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V007
Pulmonale alveoläre Mikrolithiasis (PAM) (SLC34A2)	EDTA-Blut, DNA aus Blut	Sanger-Sequenzierung	AA-0272-V005; AA-0269-V007; AA-1668-V001
Pulmonale arterielle Hypertonie (PAH) (ACVRL1, BMPR1B, BMPR2, CAV1, EIF2AK4, ENG, GDF2, KCNA5, KCNK3, SMAD1, SMAD4, SMAD9, TBX4)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V007

Analyt / Indikation (Messgröße; Gen/e, Variante/n)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/ Version
Nierenerkrankungen (ACE, ACTA2, ACTG2, ACTN4, AGT,AGTR1, AGXT, AHI1, ANKS6, ANLN, ANOS1, APOL1, ARHGAP24, ARHGDIA, BICC1, BMP4, BMP7, CC2D2A, CD2AP, CDC5L, CEP164, CEP290, CEP83, CFH, CHD1L, CHRM3, COL4A3, COL4A4, COL4A5, COQ2, COQ6, COQ8B, CRB2, CUBN, DACH1, DCDC2, DGKE, DSTYK, DZIP1L, EMP2, ETV4, ETV5, EYA1, FGF20, FOXC1, FOXC2, FRAS1, FREM1, FREM2, GANAB, GATA3, GDNF, GLA, GLIS2, REM1, GRHPR, GRIP1, HNF1B, HOGA1, HPSE2, IFT172, INF2, INVS, IQCB1, ITGA3, ITGA8, ITGB4, KANK1, KANK2, KANK4, LAMB2, LMX1B, LRIG2, MAPKBP1, MUC1, MYH9, MYO1E, NEIL1, NEK8, NPHP1, NPHP3, NPHP4, NPHS1, NPHS2, PAX2, PAX8, PDSS2, PKD1, PKD2, PKHD1, PLCE1, PTPRO, REN, RET, ROBO2, RPGRIP1L, SALL1, SCARB2, SDCCAG8, SIX1, SIX2, SIX5, SLC41A1, SMARCAL1, SOX17, TMEM216, TMEM237, TMEM67, TRAP1, TRPC6, TTC21B, UMOD, UPK2, UPK3A, WDR19, WNT4, WT1, XPNPEP3, ZIC3, ZNF423)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V007
Pankreatitis, chronisch (hereditäre) (CASR, CFTR, CPA1, CTRC, PRSS1, SPINK1)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V007
Pankreatitis, chronisch (PRSS1, SPINK1)	EDTA-Blut, DNA aus Blut	(MS) MLPA	AA-0103-V009
Pankreatitis, chronisch (PRSS1)	EDTA-Blut, DNA aus Blut	Sanger-Sequenzierung	AA-0272-V005; AA-0269-V007; AA-1668-V001
RASopathien (BRAF, CBL, HRAS, KRAS, LZTR1, MAP2K1, MAP2K2, MRAS, NF1, NRAS, PPP1CB, PTPN11, RAF1, RASA2, RIT1, RRAS, RRAS2, SHOC2, SOS1, SOS2, SPRED1)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V007

Analyt / Indikation (Messgröße; Gen/e, Variante/n)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/ Version
Schwerhörigkeit/Taubheit (ABCC1, ABHD12, ACTG1, ADCY1, ADGRV1, AIFM1, ATP6V1B1, BDP1, BSND, CABP2, CACNA1D, CCDC50, CD164, CDC14A, CDH23, CEACAM16, CEP250, CIB2, CISD2, CLDN14, CLDN9, CLIC5, CLPP, CLRN1, CLRN2, COCH, COL11A1, COL11A2, COL4A6, COX1, CRYM, DCDC2, DIABLO, DIAPH1, DIAPH3, DMXL2, EDN3, EDNRB, ELMOD3, EPS8, EPS8L2, ERAL1, ESPN, ESRP1, ESRRB, EYA1, EYA4, FAM189A2, FOXI1, GAB1, GATA3, GIPC3, GJB2,GJB3, GJB6, GPRASP2, GPSM2, GRAP, GRHL2, GRXCR1, GRXCR2, GSDME, HARS2, HGF, HOMER2, HSD17B4, ILDR1, KARS, KCNE1, KCNJ10, KCNQ1, KCNQ4, KITLG, LARS2, LHFPL5, LMX1A, LOXHD1, LRTOMT, MARVELD2, MCM2, MET, MIR182, MIR183, MIR96, MITF, MPZL2, MSRB3, MYH14, MYH9, MYO15A, MYO3A, MYO6, MYO7A, NARS2, NLRP3, OSBPL2, OTOA, OTOF, OTOG, OTOGL, P2RX2, PAX3, PCDH15, PDE1C, PDZD7, PJVK, PLS1, PNPT1, POU3F4, POU4F3, PPIP5K2, PRPS1, PTPRQ, RDX, REST, RIPOR2, RNR1, ROR1, S1PR2, SCD5, SERPINB6, SIX1, SIX5, SLC12A2, SLC17A8, SLC22A4, SLC26A4, SLC26A5, SLITRK6, SMPX, SNAI2, SOX10, SPNS2, STRC, SYNE4, TBC1D24, TECTA, TJP2, TMC1, TMEM132E, TMIE, TMPRSS3, TNC, TPRN, TRIOBP, TRNE, TRNL1, TRNS1, TRNS2, TRRAP, TSPEAR, TWNK, USH1C, USH1G, USH2A, WBP2, WFS1, WHRN)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V007
Hörverlust, autosomal-rezessiv, nicht-syndromal (GJB2)	EDTA-Blut, DNA aus Blut	Sanger-Sequenzierung	AA-0272-V005; AA-0269-V007; AA-1668-V001
Hörverlust, autosomal-rezessiv, nicht-syndromal (GJB2, GJB6)	EDTA-Blut, DNA aus Blut	(MS) MLPA	AA-0103-V009
Hörverlust, autosomal-rezessiv, nicht-syndromal (GJB6, Deletion D13S1830))	EDTA-Blut, DNA aus Blut	Multiplex-PCR, Agarosegelelektrophorese	AA-0272-V005
Taubheit, autosomal-rezessiv 16, DFNB16 (STRC)	EDTA-Blut, DNA aus Blut	Sanger-Sequenzierung	AA-0272-V005; AA-0269-V007; AA-1668-V001
Taubheit, autosomal-rezessiv (STRC, OTOA)	EDTA-Blut, DNA aus Blut	(MS) MLPA	AA-0103-V009
Pseudoxanthoma Elasticum (ABCC6)	EDTA-Blut, DNA aus Blut	Sanger-Sequenzierung	AA-0272-V005; AA-0269-V007; AA-1668-V001
Pseudoxanthoma Elasticum (ABCC6)	EDTA-Blut, DNA aus Blut	(MS) MLPA	AA-0103-V009

Analyt / Indikation (Messgröße; Gen/e, Variante/n)	**Untersuchungsmaterial (Matrix)**	**Untersuchungstechnik**	**Anweisung/ Version**
Ataxien (ABCB7, ABHD12, ADGRG1, AFG3L2, AHI1, AMACR, ANO10, APTX, ARL13B, ARSA, ATCAY, ATG5, ATM, ATP13A2, ATP1A3, ATP8A2, ATXN10, B4GALNT1, BTD, CA8, CACNA1A, CACNA1G, CACNB4, CAPN1, CC2D2A, CCDC88C, CEP290, CEP41, CHP1, CLCN2, CLN5, CLN6, COA7, COQ8A, CP, CPLANE1, CSPP1, CWF19L1, CYP27A1, DARS2, DLAT, DNAJC19, DNAJC5, DNMT1, EEF2, EIF2B1,EIF2B2,EIF2B3, EIF2B4,EIF2B5, ELOVL4, ELOVL5, FAT2, FGF14, FLVCR1, GALC, GBA, GBA2, GCLC, GDAP2, GJB1, GJC2, GOSR2, GRID2, GRM1, INPP5E, ITPR1, KCNA1, KCNC3, KCND3, KCNJ10, KIAA0586, KIF1C, KIF26B, KIF7, MARS2, MICU1, MME, MRE11, MTPAP, NEU1, NKX6-2, NPC1, NPC2, NPHP1, OFD1, OPA1, OPA3, PANK2, PDE10A, PDE6D, PDHX, PDYN, PEX10, PEX2, PIK3R5, PLA2G6, PLD3, PLP1, PMPCA, PNKP, PNPLA6, POC1B, POLG, POLR3A, PRKCG, PRNP, PUM1, RNF216, RPGRIP1L, RUBCN, SACS, SCN2A, SCYL1, SETX, SIL1, SLC17A5, SLC1A3, SLC9A1, SNX14, SPG7, SPTBN2, STUB1, SYNE1, SYT14, TCTN1, TCTN2, TCTN3, TDP1, TDP2, TGM6, THG1L, TMEM138, TMEM216, TMEM231, TMEM237, TMEM240, TMEM67, TPP1, TRPC3, TTBK2, TTC21B, TTPA, TUBB4A, UBA5, VAMP1, VLDLR, VPS13D, VWA3B, WDR81, WFS1, WWOX, XRCC1, ZNF423)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V007
Ataxien, spinocerebelläre autosomal-dominante (SCA) (ATXN 1 und/oder 2,3,7, CACNA1A, TBP)	EDTA-Blut, DNA aus Blut	Fragmentlängenanalyse, TP-PCR	AA-1300-V003
Ataxie, Friedreich'sche (FRDA1) (FXN)	EDTA-Blut, DNA aus Blut	Fragmentlängenanalyse, TP-PCR; Long-Range PCR	AA-0313-V004, AA-1300-V003

Analyt / Indikation (Messgröße; Gen/e, Variante/n)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/ Version
Epilepsien (AARS, ACTL6B, ADAM22, ADGRV1, ADRA2B, ALDH7A1, ALG13, AP3B2, ARHGEF15, ARHGEF9, ARV1, ARX, ATP1A2, BRAT1, CACNA1A, CACNA1E, CACNA1H, CACNB4, CAD, CASR, CDK19, CDKL5, CERS1, CHD2, CHRNA2, CHRNA4, CHRNB2, CLCN2, CLCN4, CNPY3, CNTN2, CPA6, CPLX1, CSTB, CUX2, CYFIP2, DCX, DENND5A, DEPDC5, DMXL2, DNM1, DOCK7, DYRK1A, EEF1A2, EFHC1, EPM2A, FGF12, FOXG1, FRRS1L, GABBR2, GABRA1, GABRA2, GABRA5, GABRB1, GABRB2, GABRB3, GABRD, GABRG2, GAD1, GAL, GLS, GLUL, GNAO1, GOSR2, GOT2, GPHN, GRIN2A, GRIN2B, GRIN2D, GUF1, HCN1, HDAC4, HNRNPU, IQSEC2, ITPA, KCNA1, KCNA2, KCNB1, KCNC1, KCNH5, KCNMA1, KCNQ2, KCNQ3, KCNT1, KCNT2, KCTD7, LGI1, LMNB2, MBD5, MDH2, MECP2, MEF2C, NECAP1, NEUROD2, NHLRC1, NPRL2, NPRL3, NTRK2, PACS2, PARS2, PCDH19, PHACTR1, PIGA, PIGB, PIGP, PIGQ, PLCB1, PLPBP, PNKP, PNPO, POLG, PPP3CA, PRDM8, PRICKLE1, PRICKLE2, PRRT2, RANBP2, RANGAP1, RELN, RHOBTB2, RNF13, ROGDI, SCARB2, SCN1A, SCN1B, SCN2A, SCN3A, SCN8A, SCN9A, SLC12A5, SLC13A5, SLC1A2, SLC25A12, SLC25A22, SLC2A1, SLC35A2, SLC6A1, SMC1A, SPTAN1, SRPX2, ST3GAL3, STX1B, STXBP1, SYNGAP1, SYNJ1, SZT2, TBC1D24, TRAK1, UBA5, UGDH, UGP2, WWOX, YWHAG)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V007
Rett Syndrom (RTT) (MECP2)	EDTA-Blut, DNA aus Blut	Sanger-Sequenzierung	AA-0272-V005; AA-0269-V007; AA-1668-V001
MECP2-Duplikationsyndrom (MECP2)	EDTA-Blut, DNA aus Blut	(MS) MLPA	AA-0103-V009
Rett-Syndrom (MECP2)	EDTA-Blut, DNA aus Blut	(MS) MLPA	AA-0103-V009
Hereditäre Hyperekplexie (Startle disease) (ARHGEF9, ATAD1, GLRA1, GLRB, SLC6A5)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V007

Analyt / Indikation (Messgröße; Gen/e, Variante/n)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/ Version
Choreatiforme Bewegungsstörungen (ADCY5, ARSA, ATM, ATN1, ATXN1, ATXN2, ATXN3, ATXN7, FRRS1L, FTL, GM2A, GNAO1, KCNA1, NKX2-1, PANK2, PDE10A, PRNP, RNF216, SETX, TBP, VPS13A, XK)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V007
Neuropathien, hereditäre (AARS, ABCD1, ABHD12, AFG3L2, AIFM1, ALDH18A1, ALS2, AMPD2, AP4B1, AP4E1, AP4M1, AP4S1, AP5Z1, ARHGEF10, ARL6IP1, ATL1, ATL3, ATP13A2, ATP1A1, ATP7A, B4GALNT1, BAG3, BICD2, BSCL2, C12orf65, C19orf12, CAPN1, CAPN3, CCT5, COX6A1, CPT1C, CTDP1, CYP2U1, CYP7B1, DCTN1, DDHD1, DDHD2, DES, DGAT2, DHTKD1, DNAJB2, DNM2, DNMT1, DPM3, DSTYK, DYNC1H1, EGR2, ELP1, ENTPD1, ERLIN1, ERLIN2, FA2H, FARS2, FBLN5, FBXO38, FGD4, FIG4, GAN, GARS, GBA2, GDAP1, GJB1, GJC2, GNB4, HARS, HINT1, HK1, HOXD10, HPDL, HSPB1, HSPB3, HSPB8, HSPD1, IBA57, IGHMBP2, INF2, JPH1, KARS, KIDINS220, KIF1A, KIF1B, KIF1C, KIF5A, L1CAM, LAMA2, LITAF, LMNA, LRSAM1, MAG, MARS, MATR3, MCM3AP, MED25, MFN2, MME, MORC2, MPV17, MPZ, MTMR2, MYH14, NAGLU, NDRG1, NEFH, NEFL, NGF, NIPA1, NKX6-2, NT5C2, NTRK1, OPA1, PCYT2, PDK3, PLEKHG5, PLP1, PMP22, PNKP, PNPLA6, POLG, PRDM12, PRPS1, PRX, RAB7A, REEP1, REEP2, RETREG1, RTN2, SACS, SBF1, SBF2, SCN10A, SCN11A, SCN9A, SELENOI, SEPT9, SETX, SH3TC2, SIGMAR1, SLC12A6, SLC16A2, SLC25A46, SLC33A1, SLC5A7, SOX10, SPART, SPAST, SPG11, SPG21, SPG7, SPTLC1, SPTLC2, SURF1, SYT2, TDP1, TECPR2, TFG, TRIM2, TRPV4, TTR, TUBB4A, UBAP1, UCHL1, VCP, VPS37A, WASHC5, WNK1, YARS, ZFYVE26, ZFYVE27)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V007
Charcot-Marie-Tooth-Neuropathien, CMT (ATL1, DNM2, GARS, GDAP1, GJB1, HINT1, IGHMBP2, MFN2, MPZ, NEFL, NGF, PMP22, SH3TC2)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V007

Analyt / Indikation (Messgröße; Gen/e, Variante/n)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/ Version
Charcot-Marie-Tooth Neuropathie Typ 1 (PMP22)	EDTA-Blut, DNA aus Blut	(MS) MLPA	AA-0103-V009
Hereditäre Neuropathie mit Neigung zu Drucklähmung (HNPP) (PMP22)	EDTA-Blut, DNA aus Blut	Sanger-Sequenzierung	AA-0272-V005; AA-0269-V007; AA-1668-V001
Hereditäre Neuropathie mit Neigung zu Drucklähmung (HNPP) (PMP22)	EDTA-Blut, DNA aus Blut	MLPA	AA-0103-V009
CADASIL (HTRA1, NOTCH3)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V007
Alzheimer Erkrankung, Frühform (AD1) (APP, PSEN1, PSEN2)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V007
Chorea Huntington (HTT)	EDTA-Blut, DNA aus Blut	Fragmentlängen analyse, TP-PCR; Long-Range PCR	AA-0316-V003, AA-1300-V003
Creutzfeldt-Jakob Erkrankung, familiäre Form (CJD) (PRNP)	EDTA-Blut, DNA aus Blut	Sanger-Sequenzierung	AA-0272-V005; AA-0269-V007; AA-1668-V001
Dentatorubrale Pallidoluysische Atrophie (DRPLA) (ATN1)	EDTA-Blut, DNA aus Blut	Fragmentlängen analyse	AA-1300-V003

Analyt / Indikation (Messgröße; Gen/e, Variante/n)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/ Version
Gehirnfehlbildungen (AMPD2, ARX, CDK5, CEP85L, CHMP1A, CLP1, COASY, DCX, EXOSC3, EXOSC8, EXOSC9, KATNB1, LAMB1, MACF1, NDE1, PAFAH1B1, PCLO, RARS2, RELN, SEPSECS, SLC25A46, TBC1D23, TBCD, TMTC3, TOE1, TSEN15, TSEN2, TSEN34, TSEN54, TUBA1A, TUBA8, TUBB, TUBB2A, TUBB2B, TUBB3, TUBG1, VPS51, VPS53, VRK1)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V007
Leukoenzephalopathie mit Verlust der weißen Substanz (EIF2B1, EIF2B2, EIF2B3, EIF2B4, EIF2B5)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V007
Spastische Paraplegien (AFG3L2, ALDH18A1, ALS2, AMPD2, AP4B1, AP4E1, AP4M1, AP4S1, AP5Z1, ARL6IP1, ATL1, ATP13A2, B4GALNT1, BSCL2, C12orf65, C19orf12, CAPN1, CPT1C, CYP2U1, CYP7B1, DDHD1, DDHD2, DSTYK, ENTPD1, ERLIN1, ERLIN2, FA2H, FARS2, GBA2, GJC2, HPDL, HSPD1, IBA57, KIDINS220, KIF1A, KIF1C, KIF5A, L1CAM, MAG, NIPA1, NKX6-2, NT5C2, PCYT2, PLP1, PNPLA6, REEP1, REEP2, RTN2, SELENOI, SLC16A2, SLC33A1, SPART, SPAST, SPG11, SPG21, SPG7, TECPR2, TFG, TUBB4A, UBAP1, UCHL1, VPS37A, WASHC5, ZFYVE26, ZFYVE27)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V007

Analyt / Indikation (Messgröße; Gen/e, Variante/n)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/ Version
Entwicklungsstörungen und Komorbiditäten, Wachstumsstörungen (AARS, ABCC9, ABCD1, ACSL4, ACTB, ACTG1, ADAT3, ADNP, AFF2, AHDC1, AIFM1, AKT3, ALDH5A1, ALG1, ALG11, ALG12, ALG13, ALG2, ALG3, ALG6, ALG8, ALG9, AMER1, AMPD2, ANK3, ANKLE2, ANKRD11, AP1S2, ARHGEF6, ARHGEF9, ARID1A, ARID1B, ARID2, ARX, ASH1L, ASPA, ASPM, ATP6AP2, ATP7A, ATRX, AUTS2, B4GALT1, BCAP31, BCOR, BDNF, BRAF, BRD4, BRWD3, C12orf4, C12orf57, CA8, CACNA1C, CACNG2, CAD, CAMK2A, CAMK2B, CAMK2G, CASK, CBL, CC2D1A, CCDC115, CCDC22, CCND2, CDH15, CDK13, CDK5, CDK5RAP2, CDK6, CDKL5, CDKL5, CDKN1C, CENPE, CENPF, CENPJ, CEP135, CEP152, CEP85L, CHAMP1, CHD4, CHD7, CHD8, CHMP1A, CIC, CIT, CLCN4, CLIC2, CLP1, CLTC, CNKSR2, CNOT3, CNTNAP2, COASY, COG1, COG4, COG5, COG6, COG7, COG8, COL4A1, COL4A2, COL4A3BP, COLGALT1, COPB2, CRADD, CRBN, CREBBP, CSNK2A1, CTCF, CTNNB1, CUL4B, DBH, DCX, DDC, DDOST, DDX3X, DEAF1, DHCR24, DHCR7, DIS3L2, DKC1, DLG3, DLG4, DNAJC12, DNM1, DNMT3A, DOCK7, DOCK8, DOLK, DONSON, DPAGT1, DPF2, DPM1, DPM2, DPM3, DPP6, DVL1, DVL1, DVL3, DVL3, DYNC1H1, DYRK1A, EBP, EDC3, EED, EEF1A2, EHMT1, EIF2B5, EIF2S3, EIF3F, ELP2, EP300, EPB41L1, EXOSC3, EXOSC8, EXOSC9, EZH2, FANCB, FBXO31, FGD1, FLNA, FMN2, FMR1, FOXG1, FOXG1, FOXP1, FOXP2, FRMPD4, FTSJ1, GABRA1, GALT, GATAD2B, GCDH, GCH1, GDI1, GFAP, GIMAP1, GK, GLI3, GNAI1, GNAO1, GNB1, GPAA1, GPC3, GPKOW, GPSM2, GRIA3, GRIK2, GRIN1, GRIN2A, GRIN2B, HCCS, HCFC1, HCN1, HDAC4, HDAC6, HDAC8, HEPACAM, HERC1, HIST1H1E, HIVEP2, HMGB3, HNRNPH2, HPRT1, HRAS, HSD17B10, HUWE1, IDS, IGBP1, IL1RAPL1, IMPA1, IQSEC2, ITPA, KANSL1, KAT6A, KAT6B, KATNB1, KCNA2, KCNB1, KCNQ2, KCNQ3, KCNQ5, KCNT1, KDM5C, KDM6A, KIF11, KIF14, KIF1A, KIF4A, KIF7, KIRREL3, KLHL15, KLHL7, KMT2A, KMT2D, KMT2E, KMT5B, KNL1, KPTN, KRAS, L1CAM, LAMB1, LAMP2, LAS1L, LINGO1, LINS1, LMAN2L, LMNB1, LMNB2, LZTR1, MACF1, MAGT1, MAN1B1, MAOA, MAP11, MAP2K2, MBD5, MBOAT7, MBTPS2, MCPH1, MECP2, MECP2, MED12, MED13, MED13L, MED23, MEF2C, METTL23, METTL5, MFSD2A, MGAT2, MICU1, MID1, MID2, MLC1, MOGS, MPDU1, MPI, MRAS, MSL3, MTM1, MTOR, MYT1L, NAA10, NAA15, NALCN, NCAPD2, NCAPD3, NCAPH, NDE1, NDP, NDST1, NDUFA1, NEXMIF, NFIB, NFIX, NGLY1, NHS, NIPBL, NIPBL, NLGN3, NLGN4X, NONO, NRAS, NRXN1, NSD1, NSDHL, NSUN2, NTNG1, NUP37, NUS1, NXF5, NXN, OCRL, OFD1, OGT, OPHN1, OTC, PACS1, PAFAH1B1, PAK3, PCBD1, PCDH11X, PCDH19, PCLO, PCNT, PDHA1, PGAP1, PGAP2, PGAP3, PGK1, PGM1,	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V007

Analyt / Indikation (Messgröße; Gen/e, Variante/n)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/ Version
Myopathien, kongenitale (ACTA1, BIN1, CCDC78, CFL2, CNTN1, DNM2, GNE, KBTBD13, KLHL40, KLHL41, LMOD3, MEGF10, MICU1, MTM1, MTMR14, MYF6, MYH2, MYH7, MYL1, MYO18B, MYPN, NEB, ORAI1, RYR1, SELENON, SPEG, SPTBN4, STAC3, STIM1, TNNT1, TPM2, TPM3, TTN, VCP)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V007
Myopathien, nemaline (ACTA1, CFL2, KBTBD13, KLHL40, KLHL41, LMOD3, MYPN, NEB, TNNT1, TPM2, TPM3)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V007
Core-Myopathien (ACTA1, BIN1, DNM2, MTM1, RYR1, SELENON, TPM2, TPM3, TTN)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V007

Analyt / Indikation (Messgröße; Gen/e, Variante/n)	**Untersuchungsmaterial (Matrix)**	**Untersuchungstechnik**	**Anweisung/ Version**
Myopathien, myofibrilläre (BAG3, CRYAB, DES, DNAJB6, FHL1, FLNC, KY, LDB3, MYOT, PLEC, PYROXD1, TTN)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V007
Hypokaliämische Periodische Paralyse (HypoPP) (CACNA1S, KCNJ2, SCN4A)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V007
Muskelatrophie, spinobulbär (SBMA, Kennedy Krankheit) (AR)	EDTA-Blut, DNA aus Blut	Fragmentlängenanalyse	AA-1300-V003
Muskelatrophie, spinale Typ I – III (IV) (SMA1,2,3,4) (SMN1, SMN2)	EDTA-Blut, DNA aus Blut	(MS) MLPA	AA-0103-V008; AA-1298-V004
Muskelatrophie, spinale Typ I – III (IV) (SMA1,2,3,4) (SMN1, SMN2)	EDTA-Blut, DNA aus Blut	Fragmentlängenanalyse	AA-0143-V004
Muskelatrophien, spinale (SMA) (ASAH1, ATP7A, BICD2, BSCL2, CHCHD10, DNAJB2, DYNC1H1, EXOSC3, EXOSC8, FBXO38, GARS, HSPB8, IGHMBP2, PLEKHG5, REEP1, SLC5A7, TFG, TRIP4, TRPV4, UBA1, VAPB, VRK1)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V007

Analyt / Indikation (Messgröße; Gen/e, Variante/n)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/ Version
Muskeldystrophien, kongenitale (CHKB, COL12A1, COL6A1, COL6A2, COL6A3, CRPPA, DNM2, DPM3, FHL1, FKRP, FKTN, ITGA7, LAMA2, LARGE1, LMNA, POMGNT1, POMGNT2, POMT1, POMT2, SELENON, TCAP)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V007
Muskeldystrophien, progrediente (ANO5, BVES, CAPN3, CAV3, CRPPA, DAG1, DES, DMD, DNAJB6, DYSF, EMD, FHL1, FKRP, FKTN, GAA, GMPPB, HNRNPDL, LAMA2, LIMS2, LMNA, MATR3, MYOT, PLEC, POMGNT1, POMK, POMT1, POMT2, SGCA, SGCB, SGCD, SGCG, SYNE1, SYNE2, TCAP, TMEM43, TNPO3, TRAPPC11, TRIM32, TTN)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V007
Muskeldystrophie Duchenne / Becker (DMD)	EDTA-Blut, DNA aus Blut	(MS) MLPA	AA-0103-V009
Muskeldystrophie Duchenne / Becker (DMD)	EDTA-Blut, DNA aus Blut	Sanger-Sequenzierung	AA-0272-V005; AA-0269-V007; AA-1668-V001
Myotone Dystrophie Typ 1 (Curschmann-Steinert-Syndrom) (DMPK)	EDTA-Blut, DNA aus Blut	Southern-Blot-Hybridisierung	AA-1299-V003
Myotone Dystrophie Typ 1 (Curschmann-Steinert-Syndrom) (DMPK)	EDTA-Blut, DNA aus Blut	Fragmentlängenanalyse	AA-1300-V003, AA-1299-V003

Analyt / Indikation (Messgröße; Gen/e, Variante/n)	**Untersuchungsmaterial (Matrix)**	**Untersuchungstechnik**	**Anweisung/ Version**
Nicht-dystrophische Myotonien und periodische Paralysen (CACNA1S, CLCN1, HSPG2, KCNJ2, SCN4A)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V007
Stoffwechselmyopathien (ACADVL, AGK, ALDOA, CPT2, DGUOK, ETFA, ETFB, ETFD, FBXL4, GAA, HADHA, HADHB, INIP, ISCU, LAMA2, LDHA, LPIN1, MGNE1, MPV17, PFKM, PGAM2, PHKA1, PHKB, POLG, PYGM, RRM2B, SLC25A20, SLC25A4, SUCLA2, SUCLG1, TK2, TWNK, TYMP)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V007
Fragiles X-Syndrom (FMR1-Gen)	EDTA-Blut, DNA aus Blut	Southern-Blot-Hybridisierung	AA-0277-V013
Fragiles-X-Syndrom (FMR1)	EDTA-Blut, DNA aus Blut	Fragmentlängenanalyse	AA-0277-V013
Amyloidose, familiäre Form (TTR)	EDTA-Blut, DNA aus Blut	Sanger-Sequenzierung	AA-0272-V005; AA-0269-V007; AA-1668-V001
HIV-1-Wirtsresistenz (CCR5-Gen: dbSNP rs333, CCR2-Gen: dbSNP rs1799864, SDF1-Gen: dbSNP rs1801157)	EDTA-Blut, DNA aus Blut	Fragmentlängenanalyse	AA-0143-V004
Short Tandem repeats-/Mikrosatelliten-Analyse (Short Tandem repeats-/Mikrosatelliten-Analyse)	EDTA-Blut, DNA aus Blut	Fragmentlängenanalyse	AA-1730-V001

Analyt / Indikation (Messgröße; Gen/e, Variante/n)	**Untersuchungsmaterial (Matrix)**	**Untersuchungstechnik**	**Anweisung/ Version**
Zieldiagnostik / Bestätigungsanalyse SNV	EDTA-Blut, DNA aus Blut	Sanger-Sequenzierung	AA-0272-V005; AA-0269-V007; AA-1668-V001
Zieldiagnostik / Bestätigungsanalyse CNV	EDTA-Blut, DNA aus Blut	(MS) MLPA	AA-0103-V009
Whole Exome Sequencing	EDTA-Blut, DNA aus Blut, Chorionzotten, Amniozyten	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1654-0002, AA-1637-V003, AA-1617-V003
mTORopathien (AKT1, AKT1S1, AKT3, CCND2, DEPDC5, DEPTOR, DOCK7, G3BP1, G3BP2, MLST8, MTOR, NPRL2, NPRL3, PAK2, PIK3CA, PIK3CD, PIK3CG, PIK3R1, PIK3R2, PTEN, RICTOR, RPTOR, STK11, STRADA, TBC1D7, TSC1, TSC2)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1391-V010, AA-1648-V002
Pankreas Elastase	Stuhl	ELISA	AA-1590-V001
Calprotectin	Stuhl	ELISA	AA-1598-V001
Staphylokokken (Koagulase, clumping factor, Protein A, Polysaccharide)	Bakterienkultur	Partikelagglutination	AA-1478-V001
Streptokokken (Lancefield-Antigen)	Bakterienkultur	Partikelagglutination	AA-1452-V002

Analyt / Indikation (Messgröße; Gen/e, Variante/n)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/ Version
Bakterien (Resistenztestung)	Keimkolonien in Reinkultur	Agardiffusionstest, partielles Buillondilutionsverfahren als minimale Hemmkonzentration (MHK) mit Extrapolation	AA-1473-V004, AA-1518-V003
Hefen	Pilzisolat	biochemisch, aufwendig	AA-1518-V003
Anaerobier, Corynebakterien	Bakterienisolat	biochemisch, aufwendig	AA-1518-V003
gram-negative aerobe Bakterien	Bakterienisolat	biochemisch, aufwendig	AA-1518-V003
gram-positive aerobe Bakterien	Bakterienisolat	biochemisch, aufwendig	AA-1518-V003
Neisseria sp., Haemophilus sp.	Bakterienisolat	biochemisch, aufwendig	AA-1518-V003
Bakterien (Orientierungs-/Differenzierungsteste)	Keimkolonien in Reinkultur	biochemisch, orientierend (Katalase, Oxidase, Nitrocefin (Beta-Lactamase))	AA-1449-V003, AA-1455-V003
Pneumokokken	Keimkolonien in Reinkultur	biochemisch, orientierend (Optochin)	AA-1455-V003
Staphylococcus saprophyticus	Keimkolonien in Reinkultur	biochemisch, orientierend (Novobiocin)	AA-1472-V007

Analyt / Indikation (Messgröße; Gen/e, Variante/n)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/ Version
Bakterien, Pilze (Anlage und ablesen)	Abstrich (urogenital, HNO), Blut, Haut, Wunde, Punktat, Stuhl,	in CO2-Atmosphäre, mikroaerobe/anaerobe Atmosphäre, spezifisch, unspezifisch	AA-1482-V004, AA-1490-V004, AA-1531-V002. AA-1472-V007
Bakterien, Pilze	Urin	spezifisch, unspezifisch, Keimzahlbestimmung	AA-1472-V007
Chlamydia trachomatis IgG/IgA	Serum	ELISA	AA-1437-V010
Toxoplasma gondii, IgG, IgM	Serum	CLIA	AA-1401-V009
Treponema pallidum Antikörper	Serum, EDTA-Plasma	Partikelagglutination	AA-1674-V002
Treponema pallidum Infektion assoziierte, nichtspezifische Lipoidantikörper (IgG, IgM)	Serum, EDTA-Plasma	Partikelagglutination	AA-1673-V001
Treponema pallidum, Ig	Serum	CLIA	AA-1401-V009
Borrelia burgdorferi sensu lato IgG, IgM	Serum, EDTA-Plasma	CLIA	AA-1624-V002
Diphtherie-Toxoid, IgG	Serum, EDTA-Plasma	ELISA	AA-1437-V010
Yersinien Antikörper IgA/IgG/IgM	Serum	Immunoblot	AA-1538-V002
Borrelia burgdorferi sensu lato IgG, IgM	Serum, EDTA-Plasma	Immunoblot	AA-1538-V002
Bakterien, Pilze	Abstrich	Hellfeldmikroskopie nach Anfärbung mittels Farbstoffen	AA-1444-V005

Analyt / Indikation (Messgröße; Gen/e, Variante/n)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/ Version
Bordetalla pertussis, Bordetella parapertussis, Bordetella holmesii, DNA	Abstrich, Sputum	Real-Time PCR	AA-1511-V004
Chlamydia trachomatis, Neisseria gonorrhoeae, DNA	Abstrich, Urin	Real-Time PCR	AA-1602-V003
Borrelia burgdorferi, DNA	DNA, Punktat, Liqour	Real-Time PCR	AA-1430-V003
Chlamydia trachomatis, Neisseria gonorrhoeae, DNA	Abstrich, Urin	Real-Time PCR (Duplex-PCR)	AA-1458-V005, AA-1659-V003
Chlamydia pneumoniae, Mycoplasma pneumoniae, Legionella spp, DNA	Abstrich, Sputum	Real-time PCR (Oligoplex-PCR)	AA-1523-V003
Chlamydia trachomatis, Mycolpasma hominis, genitalium, Neisseria gonorrhoeae, Trichomonas vaginalis, Ureaplasma urealyticum, parvum (STIs, sexually transmitted infections)	Abstrich, Urin, Ejakulat	Real-time PCR (Duplex-PCR, Oligoplex-PCR, Multiplex-PCR)	AA-1659-V003, AA-1458-V005
Cryptosporidien Antigennachweis	Stuhl	ELISA	AA-1563-V007
Entamoeba histolytica/dispar Antigennachweis	Stuhl	ELISA	AA-1563-V007
Giardia lamblia Antigennachweis	Stuhl	ELISA	AA-1563-V007
Treponema pallidum IgM	Serum, EDTA-Plasma	Immunoblot	AA-1583-V003
Chlamydia trachomatis, psittaci, pneumoniae IgA, IgG, IgM	Serum, EDTA-Plasma	Immunoblot	AA-1583-V003
Helicobacter pylori Antigennachweis	Stuhl	ELISA	AA-1563-V007
Tetanus-Toxoid IgG	Serum, EDTA-Plasma	ELISA	AA-1437-V010
Interferon-Gamma Release-Assay	EDTA-Plasma	CLIA	AA-1624-V002
Clostridium difficile Toxin A/B-Antig.	DHT	ELISA	AA-1558-V001

Analyt / Indikation (Messgröße; Gen/e, Variante/n)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/ Version
Cytomegalievirus, IgG, IgM	Serum, EDTA-Plasma	ELISA/CMIA	AA-1401-V009, AA-1437-V010
Epstein-Barr-Virus, VCA, EA, EBNA, IgG, IgM	Serum, EDTA-Plasma	ECLIA	AA-1624-V002
Epstein-Barr-Virus	Serum, EDTA-Plasma	Immunoblot	AA-1538
Hepatitis-A-Virus, Ig	Serum, EDTA-Plasma	CMIA	AA-1401-V009
Hepatitis-A-Virus, IgM	Serum, EDTA-Plasma	CMIA	AA-1401-V009
Hepatitis-B-Virus, Anti-HBc Ig	Serum, EDTA-Plasma	CMIA	AA-1401-V009
Hepatitis-B-Virus, Anti-HBc IgM	Serum, EDTA-Plasma	CMIA	AA-1401-V009
Hepatitis-B-Virus, Anti-HBe Ig	Serum, EDTA-Plasma	CMIA	AA-1401-V009
Hepatitis-B-Virus, Anti-HBs Ig	Serum, EDTA-Plasma	CMIA/ELISA	AA-1401-V009, AA-1398-V007
Hepatitis-B-Virus, HBs-Antigen, qualitativ	Serum, EDTA-Plasma	CMIA	AA-1401-V009
Hepatitis-B-Virus, HBs-Antigen, quantitativ	Serum, EDTA-Plasma	CMIA	AA-1401-V009
Hepatitis-C-Virus, Ig	Serum, EDTA-Plasma	CMIA	AA-1401-V009
Hepatitis-C-Virus, Ig	Serum, EDTA-Plasma	Immunoblot	AA-1399-V004
Hepatitis-D-Virus, Ig	Serum, EDTA-Plasma	ELISA	AA-1398-V007
Hepatitis-E-Virus, IgG, IGM	Serum, EDTA-Plasma	ELISA	AA-1398-V007

Analyt / Indikation (Messgröße; Gen/e, Variante/n)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/ Version
Hepatititis-B-Virus, HBe-Antigen	Serum, EDTA-Plasma	CMIA	AA-1401-V009
Herpes-Simplex-Virus, IgG, IgM	Serum, EDTA-Plasma	ELISA	AA-1437-V010
Humanes Immundefizienzvirus, Antigen + Antikörper	Serum, EDTA-Plasma	CMIA	AA-1401-V009
Humanes Immundefizienzvirus, Antikörper	Serum, EDTA-Plasma	Immunoblot	AA-1399-V004
Masern IgG/IgM	Serum, EDTA-Plasma	ELISA	AA-1437-V010
Mumps IgG/IgM	Serum, EDTA-Plasma	ELISA	AA-1437-V010
Parvovirus B19, IgG, IgM	Serum, EDTA-Plasma	ELISA	AA-1437-V010
Rötelnvirus, IgG, IgM	Serum, EDTA-Plasma	CMIA	AA-1401-V009
Varizella Zoster-Virus, IgG, IgM	Serum, EDTA-Plasma	ELISA	AA-1437-V010
Influenzaviren, Respiratory-Syncytial-Virus,	Abstrich, Sputum	Real-time PCR (Oligoplex-PCR)	AA-1523-V003,
Hepatitis-B-Virus, DNA, quantitativ	Serum, EDTA-Plasma	Real-time PCR	AA-1400-V006, AA-1602-V003, AA-1659-V001
Hepatitis-C-Virus, RNA, Genotyp	Serum, EDTA-Plasma	Real-time PCR	AA-1410-V002
Hepatitis-C-Virus, RNA, Genotyp Core	Serum, EDTA-Plasma	Real-time PCR	AA-1428-V006
Hepatitis-C-Virus, RNA, quantitativ	Serum, EDTA-Plasma	Real-time PCR	AA-1400-V006, AA-1602-V003, AA-1659-V001
Humane Papillomaviren, qualitativ	Abstrich	Real-time PCR	AA-1629-V001, AA-1659-V001

Analyt / Indikation (Messgröße; Gen/e, Variante/n)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/ Version
Humans Immundefizienzvirus, RNA, quantitativ	Serum, EDTA-Plasma	Real-time PCR	AA-1400-V006, AA-1602-V003, AA-1659-V001
Parvovirus B19 DNA	Biopsat, EDTA-Plasma	Real-time PCR	AA-1570-V003
SARS-CoV-2 IgG quantitativ	Serum, EDTA-Plasma	CLIA	AA-1624-V005
HDV-RNA (quantitativ) (HDV-RNA (quantitativ))	Serum, EDTA-Plasma	Real-time PCR	AA-1693-V002
HEV-RNA (HEV-RNA)	Serum, EDTA-Plasma	Real-time PCR	AA-1692-V002
SARS-CoV-2	Abstrich (cobas 6800: nur Nasopharyngeal-Abstrich), Rachenspülung	Real-time PCR	AA-1659-V001, AA-1602-V004
Herpes-Simplex-Virus-1 und 2 DNA	Abstrich (urogenital)	Real-time PCR	AA-1458-V005
Adenoviren, DNA, Enteroviren, Rhinoviren, RNA	Abstrich	Real-time PCR	AA-1523-V004
ABL1	EDTA-Blut, EDTA-Knochenmark, Heparin-Blut,Heparin-Knochenmark, RNA aus Blut und Knochenmark (cDNA wird analysiert)	Amplikon-basiertes NGS, Sequencing-by synthesis, Dragen, JSI medical systems SeqNext	AA-1617-V003, AA-1729-V001, AA-1709-V002

Analyt / Indikation (Messgröße; Gen/e, Variante/n)	**Untersuchungsmaterial (Matrix)**	**Untersuchungstechnik**	**Anweisung/ Version**
Glioblastom (MGMT), MGMT-Promotormethylierung	DNA aus FFPE-Gewebe, DNA aus Tumorgewebe	Sanger-Sequenzierung; Amplikon-basiertes NGS, Sequencing-by synthesis, Dragen, JSI medical systems SeqNext	AA-1461-V008, AA-1617-V003, AA-1729-V001, AA-1709-V002
POLE	DNA aus FFPE-Gewebe, DNA aus Tumorgewebe	Sanger-Sequenzierung; Amplikon-basiertes NGS, Sequencing-by synthesis, Dragen, JSI medical systems SeqNext	-AA-1461-V008, AA-1617-V003, AA-1729-V001, AA-1709-V002
Fusionen bei soliden Tumoren (NTRK3-ETV6, EWSR1-NR4A3, EWSR1-PBX1, EWSR1-ZNF384, EWSR1-ATF1, EWSR1-PATZ1, EWSR1-DDIT3, EWSR1-SP3, EWSR1-FEV, EWSR1-CREB1, EWSR1-FLI1, EWSR1-ETV4, EWSR1-ETV1, EWSR1-ERG, YY1-EWSR1, EWSR1-ZNF444, EWSR1-SMARCA5, NFATC2-EWSR1, SS18-SSX1, SS18-SSX4, FUS-CREB3L2, FUS-CREB3L1, FUS-DDIT3, FUS-ERG, FUS-ATF1, FUS-FEV)	RNA aus FFPE-Gewebe, RNA aus Tumorgewebe, cDNA	Amplikon-basiertes NGS, Sequencing-by synthesis, Dragen, JSI medical Systems Seqnext	AA-1463-V004, AA-1733-V002, AA-1617-V003

Analyt / Indikation (Messgröße; Gen/e, Variante/n)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/ Version
Fusion bei Leukämien/Lymphomen (ACTN4-MLL, BCR-ABL1, CBFB-MYH11, CDK6-MLL, DEK-CAN, DEK-NUP214, ETV6-ABL1, ETV6-MECOM, ETV6-PDGFRB, ETV6-RUNX1, FUS-ERG, LASP1-MLL, LPP-MLL, MAPRE1-MLL, MLL-ABI1, MLL-ABI2, MLL-ACACA, MLL-ACTN4, MLL-AFF1, MLL-AFF3, MLL-AFF4, MLL-ARHGAP26, MLL-ARHGEF12, MLL-CASC5, MLL-CASP8AP2, MLL-CBL, MLL-CENPK, MLL-CEP170B, MLL-CREBBP, MLL-CT45A2, MLL-DAB2IP, MLL-DCPS, MLL-EEFSEC, MLL-ELL, MLL-EP300, MLL-EPS15, MLL-FLNA, MLL-FOXO3, MLL-FRYL, MLL-GAS7, MLL-GMPS, MLL-GPHN, MLL-KIAA1524, MLL-LASP1, MLL-LPP, MLL-MAML2, MLL-MLLT1, MLL-MLLT10, MLL-MLLT11, MLL-MLLT3, MLL-MLLT4, MLL-MLLT6, MLL-MYO1F, MLL-NCKIPSD, MLL-NRIP3, MLL-PDS5A, MLL-PICALM, MLL-SEPT11, MLL-SEPT2, MLL-SEPT5, MLL-SEPT6, MLL-SEPT9, MLL-SH3GL1, MLL-SORBS2, MLL-TET1, MLL-TOP3A, MLL-ZFYVE19, MN1-ETV6, NPM1-ALK, NPM1-MLF1, NPM1-RARA, NUP98-MLL, PAX5-PML, PML-RARA, RPN1-MECOM, RUNX1-MECOM, RUNX1-RUNX1T1, SET-NUP214, STIL-TAL1, TCF3-HLF, TCF3-PBX1) (Fusion AML-ALL- (BCR), CBFB, DEK, ETV6, FUS, MLL, NPM1, PAX5, PML, MECOM, RUNX1, SET, SIL, TCF3) Fusion bei Leukämien/Lymphomen (ACTN4-MLL, BCR-ABL1, CBFB-MYH11, CDK6-MLL, DEK-CAN, DEK-NUP214, ETV6-ABL1, ETV6-MECOM, ETV6-PDGFRB, ETV6-RUNX1, FUS-ERG, LASP1-MLL, LPP-MLL, MAPRE1-MLL, MLL-ABI1, MLL-ABI2, MLL-ACACA, MLL-ACTN4, MLL-AFF1, MLL-AFF3, MLL-AFF4, MLL-ARHGAP26, MLL-ARHGEF12, MLL-CASC5, MLL-CASP8AP2, MLL-CBL, MLL-CENPK, MLL-CEP170B, MLL-CREBBP, MLL-CT45A2, MLL-DAB2IP, MLL-DCPS, MLL-EEFSEC, MLL-ELL, MLL-EP300, MLL-EPS15, MLL-FLNA, MLL-FOXO3, MLL-FRYL, MLL-GAS7, MLL-GMPS, MLL-GPHN, MLL-KIAA1524, MLL-LASP1, MLL-LPP, MLL-MAML2, MLL-MLLT1, MLL-MLLT10, MLL-MLLT11, MLL-MLLT3, MLL-MLLT4, MLL-MLLT6, MLL-MYO1F, MLL-NCKIPSD, MLL-NRIP3, MLL-PDS5A, MLL-PICALM, MLL-SEPT11, MLL-SEPT2, MLL-SEPT5, MLL-SEPT6, MLL-SEPT9, MLL-SH3GL1, MLL-SORBS2, MLL-TET1, MLL-TOP3A, MLL-ZFYVE19, MN1-ETV6, NPM1-ALK, NPM1-MLF1, NPM1-RARA, NUP98-MLL, PAX5-PML, PML-RARA, RPN1-MECOM, RUNX1-MECOM, RUNX1-RUNX1T1, SET-NUP214, STIL-TAL1, TCF3-HLF, TCF3-PBX1))	EDTA-Blut, EDTA-Knochenmark, Heparin-Blut, Heparin-Knochenmark, RNA aus Blut und Knochenmark, cDNA	Amplikon-basiertes NGS, Sequencing-by synthesis, Dragen, JSI medical Systems Seqnext	AA-1463-V004, AA-1733-V002, AA-1617-V003

Analyt / Indikation (Messgröße; Gen/e, Variante/n)	**Untersuchungsmaterial (Matrix)**	**Untersuchungstechnik**	**Anweisung/ Version**
Solide Tumoren (HotSpots: AKT1, ALK, AR, BRAF, CDK4, CTNNB1, DDR2, EGFR, ERBB2, ERBB3, ERBB4, ESR1, FGFR2, FGFR3, GNA11, GNAQ, HRAS, IDH1, IDH2, JAK1, JAK2, JAK3, KIT, KRAS, MAP2K1, MAP2K2, MET, MTOR, NRAS, PDGFRA, PIK3CA, RAF1, RET, ROS1, SMO, CNV: ALK, AR, BRAF, CCND1, CDK4, CDK6, EGFR,ERBB2, FGFR1, FGFR2, FGFR3, FGFR4, KIT, KRAS, MET, MYC, MYCN, PDGFRA, PIK3CA, Fusionen: ABL1, AKT3, ALK, AXL, BRAF, EGFR, ERBB2, ERG, ETV1, ETV4, ETV5, FGFR1, FGFR2, FGFR3, MET, NTRK1, NTRK2, NTRK3, PDGFRA, PPARG, RAF1, RET, ROS1)	DNA aus FFPE-Gewebe, DNA und RNA aus Tumorgewebe, DNA und cDNA, RNA aus FFPE-Gewebe (cDNA wird analysiert), RNA aus Tumorgewebe (cDNA wird	Amplikon-basiertes NGS, Sequencing-by synthesis , Dragen, VarSeq (Golden Helix)	AA-1463-V005. AA-1733-V002, AA-1617-V003
quantitativer Nachweis Fusionsgene (RUNX1::RUNX1T1, CBFB::MYH11, PML::RARA, BCR::ABL1, KMT2A::AFF1, ETV6::RUNX1, TCF3::PBX1, STIL::TAL1)	EDTA-Blut, EDTA-Knochenmark, Heparin-Blut, Heparin-Knochenmark, RNA aus Blut und Knochenmark,	Fluoreszenz-markierte Hybridisierungssonden	AA-1433-V006, AA-0238-V006, AA-1470-V004, AA-1555-V004
quantitativer Nachweis spezifischer Varianten (NPM1 c.860_863dup, c.863_864insCATG, IDH1 c. 395G>A, JAK2 c.1849G>T, MPL c.1544G>T, KIT c.2447A>T, BRAF c.1799T>A, MYD88 c.794T>C, CXCR4 c.1025C>G/A, EGFR c.2573T>G, c.2369C>T, c. 2155G>A, c.2235_2249del15, KRAS c.35G>T, c.35G>C, c.34G>T, c.35G>A, c.34G>C, c.34G>A, c.38G>A, c.183A>C, NRAS c.182A>G	EDTA-Blut, EDTA-Knochenmark, Heparin-Blut, Heparin-Knochenmark, RNA aus Blut und Knochenmark,	Fluoreszenz-markierte Hybridisierungssonden	AA-1433-V006, AA-0238-V006, AA-1470-V004, AA-1555-V004

Analyt / Indikation (Messgröße; Gen/e, Variante/n)	**Untersuchungsmaterial (Matrix)**	**Untersuchungstechnik**	**Anweisung/ Version**
Chimärismus (Chimärismusanalyse)	EDTA-Blut, EDTA-Knochenmark, Heparin-Blut, Heparin-Knochenmark, RNA aus Blut und Knochenmark, cDNA	Fluoreszenz-markierte Hybridisierungssonden (ddPCR), Fragmentlängenanalyse	AA-1541-V003
Phäochromozytom/Paragangliom (MAX)	EDTA-Blut, DNA aus Blut	(MS) MLPA	AA-0103-V008
Mikrosatelliteninstabilität (MSI-Analyse)	DNA aus FFPE-Gewebe, DNA aus Tumorgewebe	Fragmentlängenanalyse	AA-0218, AA-0269
Lynch-Syndrom (HNPCC), z.A. (MLH1-Promotormethylierung)	DNA aus FFPE-Gewebe	Amplikon-basiertes NGS, Sequencing-by synthesis, JSI medical systems SeqNext	AA-0229-V008, AA-1617-V003, AA-1615-V001, AA-1376-V004

Analyt / Indikation (Messgröße; Gen/e, Variante/n)	**Untersuchungsmaterial (Matrix)**	**Untersuchungstechnik**	**Anweisung/ Version**
Familiäres Mamma-/Ovarialkarzinomsyndrom (HBOC) (ATM, BARD1, BRCA1, BRCA2, BRIP1, CDH1, CHEK2, PALB2, PTEN, RAD51C, RAD51D, STK11, TP53)	EDTA-Blut, DNA aus Blut	Sequence capture (TWIST) Sequencing-by synthesis,Dragen, VarSeq (Golden Helix); Einzelgensequenzierung, Amplikon-basiertes NGS, Sequencing-by synthesis, JSI medical systems SeqNext)	AA-1476 AA-1637, AA-1617, AA-1648, AA-1662, AA-1652, AA-1504, AA-1635

Analyt / Indikation (Messgröße; Gen/e, Variante/n)	**Untersuchungsmaterial (Matrix)**	**Untersuchungstechnik**	**Anweisung/ Version**
Endokrinologische Tumorerkrankungen (endokrinologische Neoplasien) (AIP, AP2S1, CASR, CDC73, CDKN1B, GCM2, GNA11, GNAS, MEN1, PRKAR1A, PTH, RET)	EDTA-Blut, DNA aus Blut	Sequence capture (TWIST) Sequencing-by synthesis,Dragen, VarSeq (Golden Helix); Einzelgensequenzierung, Amplikon-basiertes NGS, Sequencing-by synthesis, JSI medical systems SeqNext)	AA-1476 AA-1637, AA-1617, AA-1648, AA-1662, AA-1652, AA-1504, AA-1635

Analyt / Indikation (Messgröße; Gen/e, Variante/n)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/ Version
Familiäres Paragangliom-/Phäochromozytomsyndrom (PCC/PGL) (MAX, RET, SDHA, SDHAF2, SDHB, SDHC, SDHD, TMEM127, VHL)	EDTA-Blut, DNA aus Blut	Sequence capture (TWIST) Sequencing-by synthesis,Dragen, VarSeq (Golden Helix); Einzelgensequenzierung, Amplikon-basiertes NGS, Sequencing-by synthesis, JSI medical systems SeqNext)	AA-1476 AA-1637, AA-1617, AA-1648, AA-1662, AA-1652, AA-1504, AA-1635

Analyt / Indikation (Messgröße; Gen/e, Variante/n)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/ Version
Hereditäre Nierenzellkarzinome (BAP1, FH, FLCN, MET, PTEN, SDHA, SDHAF2, SDHB, SDHC, SDHD, VHL)	EDTA-Blut, DNA aus Blut	Sequence capture (TWIST) Sequencing-by synthesis,Dragen, VarSeq (Golden Helix); Einzelgensequenzierung, Amplikon-basiertes NGS, Sequencing-by synthesis, JSI medical systems SeqNext)	AA-1476 AA-1637, AA-1617, AA-1648, AA-1662, AA-1652, AA-1504, AA-1635

Analyt / Indikation (Messgröße; Gen/e, Variante/n)	**Untersuchungsmaterial (Matrix)**	**Untersuchungstechnik**	**Anweisung/ Version**
Pankreas- /Prostatakarzinomsyndrom (ATM, BRCA1, BRCA2, CDK4, CDKN2A, CHEK2, HOXB13, PALB2, POT1, STK11, TP53)	EDTA-Blut, DNA aus Blut	Sequence capture (TWIST) Sequencing-by synthesis,Dragen, VarSeq (Golden Helix); Einzelgensequenzierung, Amplikon-basiertes NGS, Sequencing-by synthesis, JSI medical systems SeqNext)	AA-1476 AA-1637, AA-1617, AA-1648, AA-1662, AA-1652, AA-1504, AA-1635

Analyt / Indikation (Messgröße; Gen/e, Variante/n)	**Untersuchungsmaterial (Matrix)**	**Untersuchungstechnik**	**Anweisung/ Version**
Hereditäre Tumorsyndrome (AIP, AKT1, ANKRD26, AP2S1, APC, ATM, AXIN2, BAP1, BARD1, BLM, BMPR1A, BRCA1, BRCA2, BRIP1, BUB1, CASR, CDC73, CDH1, CDH23, CDK12, CDK4, CDKN1A, CDKN1B, CDKN2A, CDKN2B, CDKN2C, CEBPA, CHEK1, CHEK2, CTNNA1, DDB2, DDX41, DICER1, DLST, EGLN1, EPAS1, EPCAM, EPOR, ERCC2, ERCC3, ERCC4, ERCC5, ETV6, FANCA, FANCB, FANCC, FANCD2, FANCE, FANCF, FANCG, FANCI, FANCL, FANCM, FH, FLCN, GALTN12, GATA2, GCM2, GNA11, GNAS, GPR101, GREM1, HOXB13, KIF1B, KIT, KITLG, MAD2L2, MAX, MC1R, MEN1, MET, MITF, MLH1, MLH3, MRE11, MSH2, MSH3, MSH6, MUTYH, NBN, NTHL1, PALB2, PDGFRA, PIK3CA, PMS1, PMS2, POLD1, POLE, POLH, POT1, PPP2R2A, PTEN, PTH, RAD50, RAD51, RAD51B, RAD51C, RAD51D, RAD54L, RB1, RECQL, RECQL4, RET, RFWD3, RNF43, RPS20, RUNX1, SDHA, SDHAF2, SDHB, SDHC, SDHD, SLC25A11, SLX4, SMAD4, SMARCA4, SAMARCB1, SMARCE1, SRP72, STK11, TERT, TMEM127, TP53, UBE2T, VHL, XPA, XPC,XRCC2, XRCC3)	EDTA-Blut, DNA aus Blut	Sequence capture (TWIST) Sequencing-by synthesis,Dragen, VarSeq (Golden Helix); Einzelgensequenzierung, Amplikon-basiertes NGS, Sequencing-by synthesis, JSI medical systems SeqNext)	AA-1476 AA-1637, AA-1617, AA-1648, AA-1662, AA-1652, AA-1504, AA-1635
Hämatologische Neoplasien mit Keimbahnprädisposition (ABCB7, ACD, ADH5, ALAS2, ALDH2, ANKRD26, ATG2B, ATM, BLM, BRCA1, BRCA2, BRIP1, CBL, CEBPA, CSF3R, CTC1, DDX41, DKC1, DNAJC21, EFL1, ELANE, EPCAM, ERCC4, ERCC6L2, ETV6, FANCA, FANCB, FANCC, FANCD2, FANCE, FANCF, FANCG, FANCI, FANCL, FANCM, G6PC3, GATA1, GATA2, GFI1, GLRX5, GSKIP, HAX1, HSPA9, JAGN1, KRAS, LIG4, MAD2L2, MBD4, MDM4, MECOM, MLH1, MSH2, MSH6, MYSM1, NBN, NF1, NHP2, NOP10, PALB2, PARN, PMS2, PTPN11, RAD50, RAD51, RAD51C, RFWD3, RPL11, RPL15, RPL18, RPL23, RPL26, RPL27, RPL31, RPL35, RPL35A, RPL5, RPS10, RPS15A, RPS17, RPS19, RPS24, RPS26, RPS27, RPS28, RPS29, RPS7, RTEL1, RUNX1, SAMD9, SAMD9L, SBDS, SLC19A2, SLC25A38, SLX4, SRP54, SRP72, TERC, TERT, THPO, TINF2, TOP3A, TP53, TRNT1, TSR2, UBE2T, VPS45, WAS, WRAP53, WRN, XPC, XRCC2)	EDTA-Blut, DNA aus Blut	Sequence capture (TWIST) Sequencing-by synthesis,Dragen, VarSeq (Golden Helix); Einzelgensequenzierung, Amplikon-basiertes NGS, Sequencing-by synthesis, JSI medical systems SeqNext)	AA-1476 AA-1637, AA-1617, AA-1648, AA-1662, AA-1652, AA-1504, AA-1635

Analyt / Indikation (Messgröße; Gen/e, Variante/n)	**Untersuchungsmaterial (Matrix)**	**Untersuchungstechnik**	**Anweisung/ Version**
Hereditäre Tumorsyndrome (AIP, APC, ATM, BARD1, BRCA1, BRCA2, BRIP1, CASR, CDC73, CDH1, CDKN1B, CDKN2A, CDKN2B, CHEK1, CHEK2, DICER1, EPCAM, FH, FLCN, GATA2, GNAS, GREM1, MAX, MEN1, MET, MLH1, MSH2, MSH6, MUTYH, NBN, PALB2, PMS2, POLD1, POLE, PTEN, RAD51C, RAD51D, RB1, RET, RUNX1, SDHA, SDHAF2, SDHB, SDHC, SDHD, STK11, TMEM127, TP53, VHL)	EDTA-Blut, DNA aus Blut	(MS) MLPA	AA-0103
BRCA-Diagnostik, Therapie PARP-Inhibitor (BRCA1, BRCA2)	EDTA-Blut, DNA aus Blut	Sequence capture (TWIST) Sequencing-by synthesis,Dragen, VarSeq (Golden Helix); Einzelgensequenzierung, Amplikon-basiertes NGS, Sequencing-by synthesis, JSI medical systems SeqNext)	AA-1476 AA-1637, AA-1617, AA-1648, AA-1662, AA-1652, AA-1504, AA-1635

Analyt / Indikation (Messgröße; Gen/e, Variante/n)	**Untersuchungsmaterial (Matrix)**	**Untersuchungstechnik**	**Anweisung/ Version**
Lynch-Syndrom (HNPCC) (MLH1, MSH2, MSH6, PMS2, EPCAM)	EDTA-Blut, DNA aus Blut	Sequence capture (TWIST) Sequencing-by synthesis,Dragen, VarSeq (Golden Helix); Einzelgensequenzierung, Amplikon-basiertes NGS, Sequencing-by synthesis, JSI medical systems SeqNext)	AA-1476 AA-1637, AA-1617, AA-1648, AA-1662, AA-1652, AA-1504, AA-1635

Analyt / Indikation (Messgröße; Gen/e, Variante/n)	**Untersuchungsmaterial (Matrix)**	**Untersuchungstechnik**	**Anweisung/ Version**
Gastrointestinal Tumorerkrankungen (Polyposis-Syndrome; hereditäres Magenkarzinomsyndrom) (APC, BMPR1A, CDH1, CHEK2, CTNNA1, MLH3, MSH3, MUTYH, NTHL1, POLD1, POLE, PTEN, RNF43, SMAD4, STK11, TP53, GREM1 (regulatorisceh Region))	EDTA-Blut, DNA aus Blut	Sequence capture (TWIST) Sequencing-by synthesis,Dragen, VarSeq (Golden Helix); Einzelgensequenzierung, Amplikon-basiertes NGS, Sequencing-by synthesis, JSI medical systems SeqNext)	AA-1476 AA-1637, AA-1617, AA-1648, AA-1662, AA-1652, AA-1504, AA-1635
erworbener Chromosomensatz (Tumorzytogenetik)	Blut, Knochenmark, CD34+ Zellen, CD138+ Zellen	Chromosomenbänderungsanalyse, Fluoreszenz in situ Hybridisierung (FISH)	AA-0257-V013, AA-0251-V006, AA-0335-V013, AA-0239-V007, AA-0242-V005, AA-0244-V003, AA-0249-V004, AA-1675-V001, AA-0245-V007, AA-1319-V005, AA-0221-V008, AA-0256-V010, AA-1596-V001,

Analyt / Indikation (Messgröße; Gen/e, Variante/n)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/ Version
Hereditäre Alpha-Tryptasämie (TPSAB1)	EDTA-Blut	Fluoreszenz-markierte Hybridisierungssonden; Chimärismusanalyse; Fragmentlängenanalyse	AA-1433-V006, AA-1541-V003
Hypogonadotroper Hypogonadismus / Kallmann-Syndrom (ANOS1, CHD7, DUSP6, FEZF1, FGF8, FGF17, FGFR1, FLRT3, FSHB, GENRH1, GENRHR, HS6ST1 , IL17RD, KISS1, KISS1R, LHB, NSMF, PROK2 , PROKR2, SEMA3A, SOX10, SPRY4, TAC3, TACR3, WDR11)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1637-V003, AA-1617-V003, AA-1648-V002, AA-1662-V001, AA-1652-V001, AA-1504-V007, AA-1635-V007
Ovarialdysgenesie (BMP15, FSHR, MCM9, NR5A1, PSMC3IP)	EDTA-Blut, DNA aus Blut	Sequence capture (TWIST), Sequencing-by synthesis, Dragen, VarSeq (Golden Helix)	AA-1637-V002, AA-1617-V003
Vorzeitige Ovarialinsuffizienz (BMP15, DIAPH2, ESR1, FIGLA, FOXL2, FSHR, GDF9, INHA, LHCGR, NOBOX, NR5A1, SOHLH1, SOHLH2, STAG3)	EDTA-Blut, DNA aus Blut	Sequence capture (TWIST), Sequencing-by synthesis, Dragen, VarSeq (Golden Helix)	AA-1637-V002, AA-1617-V003
Hypogonadotroper Hypogonadismus 1 mit oder ohne Anosmie (ANOS1-Gen)	EDTA-Blut, DNA aus Blut	Sanger-Sequenzierung	AA-1668-V001, AA-0269-V007, AA-0272-V005

Analyt / Indikation (Messgröße; Gen/e, Variante/n)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/ Version
Androgeninsensitivität (AIS) (AR-Gen)	EDTA-Blut, DNA aus Blut	Sanger-Sequenzierung	AA-1668-V001, AA-0269-V007, AA-0272-V005
Ovarialdysgenesie Typ 2 /POI (BMP15-Gen)	EDTA-Blut, DNA aus Blut	Sanger-Sequenzierung	AA-1668-V001, AA-0269-V007, AA-0272-V005
Hypogonadotroper Hypogonadismus 6 mit oder ohne Anosmie (FGF8-Gen)	EDTA-Blut, DNA aus Blut	Sanger-Sequenzierung	AA-1668-V001, AA-0269-V007, AA-0272-V005
Hypogonadotroper Hypogonadismus 2 mit oder ohne Anosmie (FGFR1-Gen)	EDTA-Blut, DNA aus Blut	Sanger-Sequenzierung	AA-1668-V001, AA-0269-V007, AA-0272-V005
FISH-Rezeptor-Defizienz / Ovarialdysgenesie Typ 1 /POI (FSHR-Gen)	EDTA-Blut, DNA aus Blut	Sanger-Sequenzierung	AA-0197-V007, AA-1313-V007, AA-1668-V001, AA-0269-V007, AA-0272-V005
Hypogonadotroper Hypogonadismus 4 mit oder ohne Anosmie (PROK2-Gen)	EDTA-Blut, DNA aus Blut	Sanger-Sequenzierung	AA-1668-V001, AA-0269-V007, AA-0272-V005
Hypogonadotroper Hypogonadismus 3 mit oder ohne Anosmie (PROKR2-Gen)	EDTA-Blut, DNA aus Blut	Sanger-Sequenzierung	AA-1668-V001, AA-0269-V007, AA-0272-V005
Azoospermie (AZF-Mikrodeletionen)	EDTA-Blut, DNA aus Blut	Fragmentlängenanalyse	AA-0272-V005, AA-0284-V008
Ovarielles Hyperstimulationssyndrom (OHSS) (FSHR-Gen: dbSNP rs6166)	EDTA-Blut, DNA aus Blut	Sanger-Sequenzierung	AA-1668-V001, AA-0269-V007, AA-0272-V005

Analyt / Indikation (Messgröße; Gen/e, Variante/n)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/ Version
V. a. Fertilitätsstörung, wiederholte Fehlgeburten (ANXA5-M2 Genotyp: dbSNP rs112782763, rs28717001, rs28651243, rs113588187)	EDTA-Blut, DNA aus Blut	Sanger-Sequenzierung	AA-1668-V001, AA-0272-V005, AA-0269-V007
PGT-A (Aneuploidiediagnostik), Chromosomensatz (zur Abklärung einer de novo Chromosomenveränderung)	Trophektodermzellen im Rahmen einer PID und/oder Polkörper im Rahmen einer PKD, Genomische DNA aus Einzelzellen	NGS (Sequencing-by-synthesis) nach gesamtgenomischer Amplifikation (WGA, Sureplex DNA Amplification System), Bluefuse Multi Software	AA-1585-V003, AA-1700-V001
PGT-SR (Translokationsdiagnostik), partieller Chromosomensatz (zur Abklärung einer bekannten familiären Chromosomenveränderung)	Trophektodermzellen im Rahmen einer PID und/oder Polkörper im Rahmen einer PKD, Genomische DNA aus Einzelzellen	NGS (Sequencing-by-synthesis) nach gesamtgenomischer Amplifikation (WGA, Sureplex DNA Amplification System), Bluefuse Multi Software	AA-1585-V003, AA-1700-V001
Hohes Risiko einer schwerwiegenden Erbkrankheit für die Nachkommenschaft (PGT-M)	Genomische DNA aus Einzelzellen, Polkörper, Trophektodermzellen	Fragmentlängenanalyse	AA-1378-V007

Analyt / Indikation (Messgröße; Gen/e, Variante/n)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/ Version
Aneuploidiediagnostik (nicht invasiver Pränataltest): Trisomie 21, Trisomie, 18, Trisomie 13, gonosomale Aberrationen, Mikrodeletionen	BCT-Blut (Streck), zellfreie (fetale&maternale) DNA aus Blut	Gesamtgenomsequenzierung, Sequencing-by synthesis, Dragen	AA-1640-V001, AA-1641-V001, AA-1642-V001, AA-1643-V004, AA-1644-V001,
Kallmann-Syndrom (FGFR1-, GNRHR-, KISS1R-, GNRH1-, NELF-, PROK2-, PROKR2-Gen)	EDTA-Blut, DNA aus Blut	(MS) MLPA	AA-0103-V008
Prader-Willi-Syndrom (PWS) (SNRPN)	EDTA-Blut, DNA aus Blut	(MS) MLPA	AA-0370-V005
Segregationsanalyse, CNV-Bestätigung/-Ausschluss, STRC-CNV-Analyse (Genomische Imbalancen)	EDTA-Blut, Genomische DNA aus Blut, natives Abortgewebe / kultivierte Zellen aus Fruchtwasser und Chorionzotten	Fluoreszenz-markierte Hybridisierungssonden (Real-time PCR)	AA- 1420-V006
Uniparentale Disomie 14 (UPD 14)	genomische DNA	Mikrosatellitenanalyse (Fragmentanalyse STR)	AA-1526-V002
Uniparentale Disomie 15 (UPD 15)	genomische DNA	Mikrosatellitenanalyse (Fragmentanalyse STR)	AA-1526-V002

Analyt / Indikation (Messgröße; Gen/e, Variante/n)	Untersuchungsmaterial (Matrix)	Untersuchungstechnik	Anweisung/ Version
angeborener Chromosomensatz (Array-CGH)	Genomische DNA aus Blut sowie aus nativen Zellen und Zellkultur von Zellen aus Fruchtwasser, Chorionzotten oder Abortmaterial	Array basierte CGH	AA-0351-V014
angeborener Chromosomensatz (Chromosomenanalyse & FISH)	Peripheres Blut, Fruchtwasser, Chorionzotten, Abortgewebe, Nabelschnurblut, Haut, Knochenmark	Chromosomenbänderungsanalyse, Fluoreszenz in situ Hybridisierung (FISH): Pränataler Schnelltest, Mikrodeletionsdiagnostik, Chromosomenpainting, Subtelomeranalysen, Interphase-Untersuchungen, Vielfarbenkaryo	AA-0335-V013, AA-0356-V010, AA-1390-V005

Analyt / Indikation (Messgröße; Gen/e, Variante/n)	**Untersuchungsmaterial (Matrix)**	**Untersuchungstechnik**	**Anweisung/ Version**
angeborener Chromosomensatz	Genomische DNA aus Blut sowie aus Zellkultur von Zellen aus Fruchtwasser oder Chorionzotten	Molekulare Karyotypisierung	AA-1651-V003
Angelman-Syndrom (UBE3A-Gen)	EDTA-Blut, DNA aus Blut	(MS) MLPA	AA-0370-V005, AA-0269-V007, AA-0272-V005, AA-0103-V008
Hämophilie (F8, F9)	EDTA-Blut, DNA aus Blut	Sequence Capture (TWIST), Sequencing-by synthesis, Dragen, Varseq (Golden Helix)	AA-1413-V003, AA-1637-V003, AA-1391-V010, AA-1648-V002

Gerät	Akkreditierungs-status
FACS Canto II, BD	flexibel
Cobas pro	flexibel
Cobas pro	flexibel
Cobas pro	flexibel
Cobas e41	flexibel
Teststreifen	flexibel
Teststreifen	flexibel
Teststreifen	flexibel
Teststreifen	flexibel
Teststreifen	flexibel
Teststreifen	flexibel
Teststreifen	flexibel
Teststreifen	flexibel
Teststreifen	flexibel

Gerät	Akkreditierungs-status
Phadia	flexibel
Phadia	flexibel
Phadia	flexibel
Phadia	flexibel
Phadia	flexibel
Phadia	flexibel
Phadia	flexibel
Phadia	flexibel
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Gerät	Akkreditierungs-status
Phadia	flexibel
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Phadia	flexibel
Phadia	flexibel
Phadia	flexibel
Phadia	flexibel
IFT, Euroimmun	flexibel
IFT, Euroimmun	flexibel
IFT, Euroimmun	flexibel

Gerät	Akkreditierungs-status
IFT, Euroimmun	flexibel
IFT, Euroimmun	flexibel
Cobas pro	flexibel
Cobas pro	flexibel
Cobas pro	flexibel
Cobas pro	flexibel
cobas pro	flexibel
Sysmex XN1000	flexibel
Sysmex XN1000	flexibel

Gerät	Akkreditierungs-status
Sysmex XN1000	flexibel
Cobas pro	flexibel
Cobas pro	flexibel
Cobas pro	flexibel
Sebia Capillarys 3 Octa	flexibel
Sebia Capillarys 3 Octa	flexibel
ACLTop 350	flexibel
ACLTop 350	flexibel
ACLTop 350	flexibel
ACLTop 350	flexibel
ACLTop 350	flexibel

Gerät	Akkreditierungs-status
ACLTop 350	flexibel
ACLTop 350	flexibel
ACLTop 350	flexibel
ACLTop 350	flexibel
ACLTop 350	flexibel
ACLTop 350	flexibel
ACLTop 350	flexibel
ACLTop 350	flexibel
ACLTop 350	flexibel
ACLTop 350	flexibel

Gerät	Akkreditierungs-status
ACLTop 350	flexibel
ACLTop 350 (Quick Test)	flexibel
Cobas e411 / Roche	flexibel
Cobas pro	flexibel
Cobas e411 / Roche	flexibel
Cobas e411 / Roche	flexibel
Cobas e411 / Roche	flexibel
Cobas e411 / Roche	flexibel
Cobas pro	flexibel
Cobas pro	flexibel
Cobas pro	flexibel
Cobas pro	flexibel
Cobas pro	flexibel
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Cobas pro	flexibel
Cobas pro	flexibel
Cobas pro	flexibel
Cobas pro	flexibel
Cobas pro	flexibel
Cobas pro	flexibel
Cobas e411 / Roche	flexibel
Cobas pro	flexibel
Cobas pro	flexibel

Gerät	Akkreditierungs-status
Cobas pro	flexibel
Cobas pro	flexibel
Cobas pro	flexibel
Cobas pro	flexibel
Cobas pro	flexibel
Cobas pro	flexibel
Cobas pro	flexibel
Cobas e411 / Roche	flexibel
Cobas e411	flexibel
Cobas pro	flexibel
Cobas pro	flexibel
Dynex DSX	flexibel
Kryptor compact plus, Brahms	flexibel
Kryptor compact plus, Brahms	flexibel
Kryptor compact plus, Brahms	flexibel
Kryptor compact plus, Brahms	flexibel
Mikroskop	flexibel
Mikroskop	flexibel
Mikroskop	flexibel
Mikroskop	flexibel
Mikroskop	flexibel
Mikroskop	flexibel
Mikroskop	flexibel

Gerät	Akkreditierungs-status
Mikroskop	flexibel
Mikroskop	flexibel
Mikroskop	flexibel
Mikroskop	flexibel
Mikroskop	flexibel
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Mikroskop	flexibel

Gerät	Akkreditierungs-status
Mikroskop	flexibel
Mikroskop	flexibel
Mikroskop	flexibel
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Mikroskop	flexibel

Gerät	Akkreditierungs-status
Mikroskop	flexibel
Mikroskop	flexibel
Mikroskop	flexibel
Mikroskop	flexibel
Mikroskop	flexibel
Teststreifen	flexibel
Teststreifen	flexibel
Teststreifen	flexibel
Teststreifen	flexibel
Teststreifen	flexibel
Teststreifen	flexibel
Teststreifen	flexibel
Teststreifen	flexibel
Teststreifen	flexibel

Gerät	Akkreditierungs-status
Cobas pro	flexibel
Cobas pro	flexibel
Cobas pro	flexibel
Cobas pro	flexibel
Cobas pro	flexibel
Cobas pro	flexibel
Cobas pro	flexibel
Cobas pro	flexibel
Cobas pro	flexibel
Cobas pro	flexibel
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Cobas pro	flexibel
Cobas pro	flexibel

Gerät	Akkreditierungs-status
Cobas pro	flexibel
Cobas pro	flexibel
Cobas pro	flexibel
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Cobas pro	flexibel
Cobas pro	flexibel
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Cobas pro	flexibel
Cobas pro	flexibel
Cobas pro	flexibel
Cobas pro	flexibel
Cobas pro	flexibel
Cobas pro	flexibel
Cobas pro	flexibel
Cobas pro	flexibel
Cobas pro	flexibel
Cobas pro	flexibel
Roller 20LC	flexibel

Gerät	Akkreditierungs-status
Cobas pro	flexibel
Cobas pro	flexibel
Cobas pro	flexibel
Cobas pro	flexibel
Cobas pro	flexibel
Cobas pro	flexibel
Cobas pro	flexibel
Cobas pro	flexibel
Cobas pro	flexibel
Cobas pro	flexibel
Dynex DSX	flexibel
Dynex DSX	flexibel
Dynex DSX	flexibel
Osmometer 3000D	flexibel
Mikroskop	flexibel
Mikroskop	flexibel
FACS Canto II, BD	flexibel
LIAISON XL / DiaSorin	flexibel
LIAISON XL / DiaSorin	flexibel
LIAISON XL / DiaSorin	flexibel

Gerät	Akkreditierungs-status
LIAISON XL / DiaSorin	flexibel
LIAISON XL / DiaSorin	flexibel
LIAISON XL / DiaSorin	flexibel
LIAISON XL / DiaSorin	flexibel
Illumina Series (NovaSeq, Miseq, etc)	flexibel
Illumina Series (NovaSeq, Miseq, etc)	flexibel
Illumina Series (NovaSeq, Miseq, etc)	flexibel

Gerät	Akkreditierungs-status
Illumina Series (NovaSeq, Miseq, etc)	flexibel
Illumina Series (NovaSeq, Miseq, etc)	flexibel
Illumina Series (NovaSeq, Miseq, etc)	flexibel
Illumina Series (NovaSeq, Miseq, etc)	flexibel

Gerät	Akkreditierungs-status
Illumina Series (NovaSeq, Miseq, etc)	flexibel
ABI Sequencer 3730XL, 3130XL, 3730	flexibel
ABI Sequencer 3730XL, 3130XL, 3730	flexibel
ABI Sequencer 3730XL, 3130XL, 3730	flexibel
ABI Sequencer 3730XL, 3130XL, 3730	flexibel
ABI Sequencer 3730XL, 3130XL, 3730	flexibel
ABI Sequencer 3730XL, 3130XL, 3730	flexibel

Gerät	Akkreditierungs-status
ABI Sequencer 3730XL, 3130XL, 3730	flexibel
ABI Sequencer 3730XL, 3130XL, 3730	flexibel
ABI Sequencer 3730XL, 3130XL, 3730	flexibel
ABI Sequencer 3730XL, 3130XL, 3730	flexibel
ABI Sequencer 3730XL, 3130XL, 3730	flexibel
ABI Sequencer 3730XL, 3130XL, 3730	flexibel
ABI Sequencer 3730XL, 3130XL, 3730	flexibel

Gerät	Akkreditierungs-status
ABI Sequencer 3730XL, 3130XL, 3730	flexibel
ABI Sequencer 3730XL, 3130XL, 3730	flexibel
ABI Sequencer 3730XL, 3130XL, 3730	flexibel
ABI Sequencer 3730XL, 3130XL, 3730	flexibel
ABI Sequencer 3730XL, 3130XL, 3730	flexibel
ABI Sequencer 3730	flexibel
ABI Sequencer 3730	flexibel
ABI Sequencer 3730	flexibel

Gerät	Akkreditierungs-status
ABI Sequencer 3730XL, 3130XL, 3730	flexibel
Banjo ID-Reader	flexibel
Banjo ID-Reader	flexibel
Banjo ID-Reader	flexibel
Banjo ID-Reader	flexibel
Banjo ID-Reader	flexibel
Banjo ID-Reader	flexibel
Banjo ID-Reader	flexibel
Luminex 200, LabScan 3D	flexibel
Helmberg Score, Genovision	flexibel
Luminex 200, LabScan 3D	flexibel

Gerät	Akkreditierungs-status
ABI3730	flexibel
Illumina Series (NovaSeq, Miseq, etc)	flexibel
Illumina Series (NovaSeq, Miseq, etc)	flexibel
Luminex 200, LABScan OneLambda	flexibel
Helmberg Secore, Genovision	flexibel
ABI3730	flexibel
CFX96/384 Touch, Bio-Rad	flexibel

Gerät	Akkreditierungs-status
Illumina Series (NovaSeq, Miseq, etc)	flexibel
Illumina Series (NovaSeq, Miseq, etc)	flexibel
Illumina Series (NovaSeq, Miseq, etc)	flexibel

Gerät	Akkreditierungs-status
Illumina Series (NovaSeq, Miseq, etc)	flexibel
ABI Sequencer 3730XL; ABI Sequencer 3130XL; ABI Sequencer 3730	flexibel
ABI Sequencer 3730XL; ABI Sequencer 3130XL; ABI Sequencer 3730	flexibel
Illumina Series (NovaSeq, Miseq, etc)	flexibel

Gerät	Akkreditierungs-status
Illumina Series (NovaSeq, Miseq, etc)	flexibel
Illumina Series (NovaSeq, Miseq, etc)	flexibel
Illumina Series (NovaSeq, Miseq, etc)	flexibel

Gerät	Akkreditierungs-status
Illumina Series (NovaSeq, Miseq, etc)	flexibel
Illumina Series (NovaSeq, Miseq, etc)	flexibel
Illumina Series (NovaSeq, Miseq, etc)	flexibel

Gerät	Akkreditierungs-status
Illumina Series (NovaSeq, Miseq, etc)	flexibel
Illumina Series (NovaSeq, Miseq, etc)	flexibel
Illumina Series (NovaSeq, Miseq, etc)	flexibel

Gerät	Akkreditierungs-status
Illumina Series (NovaSeq, Miseq, etc)	flexibel
Illumina Series (NovaSeq, Miseq, etc)	flexibel
ABI Sequencer 3730XL; ABI Sequencer 3130XL; ABI Sequencer 3730	flexibel
ABI Sequencer 3730XL; ABI Sequencer 3130XL; ABI Sequencer 3730	flexibel

Gerät	Akkreditierungs-status
ABI Sequencer 3730XL; ABI Sequencer 3130XL; ABI Sequencer 3730	flexibel
ABI Sequencer 3730XL; ABI Sequencer 3130XL; ABI Sequencer 3730	flexibel
Illumina Series (NovaSeq, Miseq, etc)	flexibel
Illumina Series (NovaSeq, Miseq, etc)	flexibel

Gerät	Akkreditierungs-status
Illumina Series (NovaSeq, Miseq, etc)	flexibel
Illumina Series (NovaSeq, Miseq, etc)	flexibel
--	flexibel
Illumina Series (NovaSeq, Miseq, etc)	flexibel

Gerät	Akkreditierungs-status
Illumina Series (NovaSeq, Miseq, etc)	flexibel
LC480II (Roche), BioRad CFX96	flexibel
LC480II (Roche), BioRad CFX96	flexibel
BioRad CFX96	flexibel
Thermocycler	flexibel
ABI Sequencer 3730XL; ABI Sequencer 3130XL; ABI Sequencer 3730	flexibel
BioRad CFX96	flexibel
BioRad CFX96	flexibel

Gerät	Akkreditierungs-status
BioRad CFX96	flexibel
ABI Sequencer 3730XL; ABI Sequencer 3130XL; ABI Sequencer 3730	flexibel
BioRad CFX96	flexibel
ABI Sequencer 3130XL	flexibel
BioRad CFX96	flexibel
ABI Sequencer 3730XL; ABI Sequencer 3130XL; ABI Sequencer 3730	flexibel
Illumina Series (NovaSeq, Miseq, etc)	flexibel

Gerät	Akkreditierungs-status
ABI Sequencer 3730XL; ABI Sequencer 3130XL; ABI Sequencer 3730	flexibel
ABI Sequencer 3730XL; ABI Sequencer 3130XL; ABI Sequencer 3730	flexibel
Thermocycler	flexibel
Thermocycler	flexibel
Thermocycler	flexibel
Thermocycler	flexibel
ABI Sequencer 3730XL; ABI Sequencer 3130XL; ABI Sequencer 3730	flexibel
ABI Sequencer 3730XL; ABI Sequencer 3130XL; ABI Sequencer 3730	flexibel
Thermocycler	flexibel
ABI Sequencer 3730XL; ABI Sequencer 3130XL; ABI Sequencer 3730	flexibel

Gerät	Akkreditierungs-status
Illumina Series (NovaSeq, Miseq, etc)	flexibel
Illumina Series (NovaSeq, Miseq, etc)	flexibel
Illumina Series (NovaSeq, Miseq, etc)	flexibel

Gerät	Akkreditierungs-status
Illumina Series (NovaSeq, Miseq, etc)	flexibel
Illumina Series (NovaSeq, Miseq, etc)	flexibel
Illumina Series (NovaSeq, Miseq, etc)	flexibel

Gerät	Akkreditierungs-status
Illumina Series (NovaSeq, Miseq, etc)	flexibel
Illumina Series (NovaSeq, Miseq, etc)	flexibel
Illumina Series (NovaSeq, Miseq, etc)	flexibel

Gerät	Akkreditierungs-status
Illumina Series (NovaSeq, Miseq, etc)	flexibel
Illumina Series (NovaSeq, Miseq, etc)	flexibel
ABI Sequencer 3730XL; ABI Sequencer 3130XL; ABI Sequencer 3730	flexibel
ABI Sequencer 3730XL; ABI Sequencer 3130XL; ABI Sequencer 3730	flexibel

Gerät	Akkreditierungs-status
Illumina Series (NovaSeq, Miseq, etc)	flexibel
Illumina Series (NovaSeq, Miseq, etc)	flexibel
Illumina Series (NovaSeq, Miseq, etc)	flexibel

Gerät	Akkreditierungs-status
Illumina Series (NovaSeq, Miseq, etc)	flexibel
Illumina Series (NovaSeq, Miseq, etc)	flexibel
ABI Sequencer 3730XL; ABI Sequencer 3130XL; ABI Sequencer 3730	flexibel
ABI Sequencer 3730XL; ABI Sequencer 3130XL; ABI Sequencer 3730	flexibel

Gerät	Akkreditierungs-status
Illumina Series (NovaSeq, Miseq, etc)	flexibel
ABI Sequencer 3730XL; ABI Sequencer 3130XL; ABI Sequencer 3730	flexibel
ABI Sequencer 3730XL; ABI Sequencer 3130XL; ABI Sequencer 3730	flexibel
Illumina Series (NovaSeq, Miseq, etc)	flexibel

Gerät	Akkreditierungs-status
Illumina Series (NovaSeq, Miseq, etc)	flexibel
ABI Sequencer 3730XL; ABI Sequencer 3130XL; ABI Sequencer 3730	flexibel
ABI Sequencer 3730XL; ABI Sequencer 3130XL; ABI Sequencer 3730	flexibel
Illumina Series (NovaSeq, Miseq, etc)	flexibel
Illumina Series (NovaSeq, Miseq, etc)	flexibel

Gerät	Akkreditierungs-status
Illumina Series (NovaSeq, Miseq, etc)	flexibel
Illumina Series (NovaSeq, Miseq, etc)	flexibel
Illumina Series (NovaSeq, Miseq, etc)	flexibel

Gerät	Akkreditierungs-status
Illumina Series (NovaSeq, Miseq, etc)	flexibel
Illumina Series (NovaSeq, Miseq, etc)	flexibel
Illumina Series (NovaSeq, Miseq, etc)	flexibel

Gerät	Akkreditierungs-status
Illumina Series (NovaSeq, Miseq, etc)	flexibel
Illumina Series (NovaSeq, Miseq, etc)	flexibel
Illumina Series (NovaSeq, Miseq, etc)	flexibel

Gerät	Akkreditierungs-status
Illumina Series (NovaSeq, Miseq, etc)	flexibel
Illumina Series (NovaSeq, Miseq, etc)	flexibel
Illumina Series (NovaSeq, Miseq, etc)	flexibel

Gerät	Akkreditierungs-status
Illumina Series (NovaSeq, Miseq, etc)	flexibel
ABI Sequencer 3730XL; ABI Sequencer 3130XL; ABI Sequencer 3730	flexibel
Illumina Series (NovaSeq, Miseq, etc)	flexibel
Illumina Series (NovaSeq, Miseq, etc)	flexibel

Gerät	Akkreditierungs-status
NovaSeq6000	flexibel
Illumina Series (NovaSeq, Miseq, etc)	flexibel
Illumina Series (NovaSeq, Miseq, etc)	flexibel
Illumina Series (NovaSeq, Miseq, etc)	flexibel

Gerät	Akkreditierungs-status
ABI Sequencer 3730XL; ABI Sequencer 3130XL; ABI Sequencer 3730	flexibel
ABI Sequencer 3730XL; ABI Sequencer 3130XL; ABI Sequencer 3730	flexibel
Illumina Series (NovaSeq, Miseq, etc)	flexibel
ABI Sequencer 3730XL; ABI Sequencer 3130XL; ABI Sequencer 3730	flexibel
Illumina Series (NovaSeq, Miseq, etc)	flexibel

Gerät	Akkreditierungs-status
Illumina Series (NovaSeq, Miseq, etc)	flexibel
Illumina Series (NovaSeq, Miseq, etc)	flexibel
ABI Sequencer 3730XL; ABI Sequencer 3130XL; ABI Sequencer 3730	flexibel
ABI Sequencer 3730XL; ABI Sequencer 3130XL; ABI Sequencer 3730	flexibel
Illumina Series (NovaSeq, Miseq, etc)	flexibel

Gerät	Akkreditierungs-status
Illumina Series (NovaSeq, Miseq, etc)	flexibel
ABI Sequencer 3730XL; ABI Sequencer 3130XL; ABI Sequencer 3730	flexibel
ABI Sequencer 3730XL; ABI Sequencer 3130XL; ABI Sequencer 3730	flexibel
Thermocycler	flexibel
ABI Sequencer 3730XL; ABI Sequencer 3130XL; ABI Sequencer 3730	flexibel
ABI Sequencer 3730XL; ABI Sequencer 3130XL; ABI Sequencer 3730	flexibel
ABI Sequencer 3730XL; ABI Sequencer 3130XL; ABI Sequencer 3730	flexibel
ABI Sequencer 3730XL; ABI Sequencer 3130XL; ABI Sequencer 3730	flexibel

Gerät	Akkreditierungs-status
Illumina Series (NovaSeq, Miseq, etc)	flexibel
ABI Sequencer 3730XL; ABI Sequencer 3130XL; ABI Sequencer 3730	flexibel
ABI Sequencer 3730XL; ABI Sequencer 3130XL; ABI Sequencer 3730	flexibel

Gerät	Akkreditierungs-status
Illumina Series (NovaSeq, Miseq, etc)	flexibel
ABI Sequencer 3730XL; ABI Sequencer 3130XL; ABI Sequencer 3730	flexibel
ABI Sequencer 3730XL; ABI Sequencer 3130XL; ABI Sequencer 3730	flexibel
ABI Sequencer 3730XL; ABI Sequencer 3130XL; ABI Sequencer 3730	flexibel
Illumina Series (NovaSeq, Miseq, etc)	flexibel

Gerät	Akkreditierungs-status
Illumina Series (NovaSeq, Miseq, etc)	flexibel
Illumina Series (NovaSeq, Miseq, etc)	flexibel
Illumina Series (NovaSeq, Miseq, etc)	flexibel

Gerät	Akkreditierungs-status
ABI Sequencer 3730XL; ABI Sequencer 3130XL; ABI Sequencer 3730	flexibel
ABI Sequencer 3730XL; ABI Sequencer 3130XL; ABI Sequencer 3730	flexibel
ABI Sequencer 3730XL; ABI Sequencer 3130XL; ABI Sequencer 3730	flexibel
Illumina Series (NovaSeq, Miseq, etc)	flexibel
Illumina Series (NovaSeq, Miseq, etc)	flexibel
ABI Sequencer 3730XL; ABI Sequencer 3130XL; ABI Sequencer 3730	flexibel
ABI Sequencer 3730XL; ABI Sequencer 3130XL; ABI Sequencer 3730	flexibel
ABI Sequencer 3730XL; ABI Sequencer 3130XL; ABI Sequencer 3730	flexibel

Gerät	Akkreditierungs-status
Illumina Series (NovaSeq, Miseq, etc)	flexibel
Illumina Series (NovaSeq, Miseq, etc)	flexibel
Illumina Series (NovaSeq, Miseq, etc)	flexibel

Gerät	Akkreditierungs-status
Illumina Series (NovaSeq, Miseq, etc)	flexibel

Gerät	Akkreditierungs-status
Illumina Series (NovaSeq, Miseq, etc)	flexibel
Illumina Series (NovaSeq, Miseq, etc)	flexibel
Illumina Series (NovaSeq, Miseq, etc)	flexibel

Gerät	Akkreditierungs-status
Illumina Series (NovaSeq, Miseq, etc)	flexibel
Illumina Series (NovaSeq, Miseq, etc)	flexibel
ABI Sequencer 3730XL; ABI Sequencer 3130XL; ABI Sequencer 3730	flexibel
ABI Sequencer 3730XL, 3130XL, 3730	flexibel
Thermocycler	flexibel
Illumina Series (NovaSeq, Miseq, etc)	flexibel

Gerät	Akkreditierungs-status
Illumina Series (NovaSeq, Miseq, etc)	flexibel
Illumina Series (NovaSeq, Miseq, etc)	flexibel
ABI Sequencer 3730XL; ABI Sequencer 3130XL; ABI Sequencer 3730	flexibel
ABI Sequencer 3730XL; ABI Sequencer 3130XL; ABI Sequencer 3730	flexibel
ABI Sequencer 3730XL; ABI Sequencer 3130XL; ABI Sequencer 3730	flexibel
ABI Sequencer 3730XL; ABI Sequencer 3130XL; ABI Sequencer 3730	flexibel

Gerät	Akkreditierungs-status
Illumina Series (NovaSeq, Miseq, etc)	flexibel
Illumina Series (NovaSeq, Miseq, etc)	flexibel
Thermocycler, Hybridisierungsofen	Einzelgenanalyse
ABI Sequencer 3730XL	Einzelgenanalyse
ABI Sequencer 3730XL; ABI Sequencer 3130XL; ABI Sequencer 3730	flexibel
Thermocycler	flexibel
ABI Sequencer 3130XL	flexibel

Gerät	Akkreditierungs-status
ABI Sequencer 3730XL; ABI Sequencer 3130XL; ABI Sequencer 3730	flexibel
ABI Sequencer 3730XL; ABI Sequencer 3130XL; ABI Sequencer 3730	flexibel
Illumina Series (NovaSeq, Miseq, etc)	flexibel
Illumina Series (NovaSeq, Miseq, etc)	flexibel
Dynex DSX	flexibel
Dynex DSX	flexibel
	flexibel
	flexibel

Gerät	Akkreditierungs-status
manuell & Vitek2, Biomerieux	flexibel
Vitek2, Biomerieux	flexibel
Vitek2, Biomerieux	flexibel
Vitek2, Biomerieux	flexibel
Vitek2, Biomerieux	flexibel
Vitek2, Biomerieux	flexibel
	flexibel
	flexibel
	flexibel

Gerät	Akkreditierungs-status
	flexibel
	flexibel
manuell (EuroImmun)	flexibel
Cobas e411	flexibel
Sensititer Manual Viewer	flexibel
Kartenschüttler	flexibel
Cobas e411, cobas pro	flexibel
LIAISON XL / DiaSorin	flexibel
manuell (EuroImmun)	flexibel
manuell (Mikrogen)	flexibel
manuell (Mikrogen)	flexibel
	flexibel

Gerät	Akkreditierungs-status
Rotor-Gene, Qiagen, CFX Opus Biorad	flexibel
cobas 6800, Roche	flexibel
Rotor-Gene, Qiagen	flexibel
Alinity m, Rotor-Gene, Qiagen	flexibel
Rotor-Gene, Qiagen, CFX Opus Biorad	flexibel
Alinity m, Rotor-Gene, Qiagen, CFX Opus Biorad	flexibel
r-biopharm DSX	flexibel
r-biopharm DSX	flexibel
r-biopharm DSX	flexibel
manuell (Mikrogen)	flexibel
manuell (Mikrogen)	flexibel
r-biopharm DSX	flexibel
manuell (EuroImmun)	flexibel
LIAISON XL / DiaSorin	flexibel
Dynex DSX	flexibel

Gerät	Akkreditierungs-status
Cobas e411 / Roche, Dynex DSX	flexibel
LIAISON XL / DiaSorin	flexibel
RemcomScan	flexibel
Cobas e411 / Roche	flexibel
Cobas e411 / Roche	flexibel
Cobas e411 / Roche; cobas pro	flexibel
Cobas e411 / Roche; cobas pro	flexibel
Cobas e411 / Roche; cobas pro	flexibel
Cobas e411 / Roche; cobas pro	flexibel
Cobas e411 / Roche; cobas pro	flexibel
Cobas e411 / Roche; cobas pro	flexibel
Cobas e411 / Roche; cobas pro	flexibel
manuell (Mikrogen)	flexibel
manuell (Kit DiaSorin)	flexibel
r-biopharm DSX	flexibel

Gerät	Akkreditierungs-status
Cobas e411 / Roche; cobas pro	flexibel
manuell (EuroImmun)	flexibel
Cobas e411 / Roche	flexibel
manuell (Mikrogen)	flexibel
manuell (EuroImmun)	flexibel
manuell (EuroImmun)	flexibel
manuell (EuroImmun)	flexibel
Cobas e411 / Roche	flexibel
manuell (EuroImmun)	flexibel
Rotor-Gene, Qiagen	flexibel
Alinity m, Abbott; cobas 6800, Roche	flexibel
Alinity m, Abbott	flexibel
Biometra-Thermocyler	flexibel
Alinity m, Abbott; cobas pro, Roche	flexibel
Alinity m, Abbott	flexibel

Gerät	Akkreditierungs-status
Alinity m, Abbott; cobas 6800, Roche	flexibel
Rotor-Gene, Qiagen	flexibel
Liaison XL	flexibel
Qiagen, CFX Opus Biorad	flexibel
Rotor-Gene, Qiagen	flexibel
Alinity m, Abbott; cobas 6800, Roche, BioRad CFX384,CFX96	flexibel
CFX Opus Bio-Rad	flexibel
CFX Opus Bio-Rad	flexibel
Illumina Series (NovaSeq, Miseq, etc)	flexibel

Gerät	Akkreditierungs-status
Illumina Series (NovaSeq, Miseq, etc)	flexibel
Illumina Series (NovaSeq, Miseq, etc)	flexibel
Illumina Series (NovaSeq, Miseq, etc)	flexibel

Gerät	Akkreditierungs-status
Illumina Series (NovaSeq, Miseq, etc)	flexibel

Gerät	Akkreditierungs-status
Illumina Series (NovaSeq, Miseq, etc)	flexibel
ABI 7900HT, QX200 Droplet Digital PCR System (BioRad), QuantStudio 7 Pro	flexibel
ABI 7900HT, QX200 Droplet Digital PCR System (BioRad), QuantStudio 7 Pro	flexibel

Gerät	Akkreditierungs-status
ABI Sequencer 3730XL, 3130XL, 3730, QX200 Droplet Digital PCR System (BioRad), QuantStudio 7 Pro	flexibel
ABI Sequencer 3730XL, 3130XL, 3730	flexibel
Thermocycler, ABI Sequencer 3730XL, 3130XL, 3730, Agarosegelelektrophoreskammer	flexibel
Illumina Series (NovaSeq, Miseq, etc)	flexibel

Gerät	Akkreditierungs-status
Illumina Series (NovaSeq, Miseq, etc)	flexibel

Gerät	Akkreditierungs-status
Illumina Series (NovaSeq, Miseq, etc)	flexibel

Gerät	Akkreditierungs-status
Illumina Series (NovaSeq, Miseq, etc)	flexibel

Gerät	Akkreditierungs-status
Illumina Series (NovaSeq, Miseq, etc)	flexibel

Gerät	Akkreditierungs-status
Illumina Series (NovaSeq, Miseq, etc)	flexibel

Gerät	Akkreditierungs-status
Illumina Series (NovaSeq, Miseq, etc)	flexibel
Illumina Series (NovaSeq, Miseq, etc)	flexibel

Gerät	Akkreditierungs-status
ABI Sequencer 3730XL, 3130XL, 3730	flexibel
Illumina Series (NovaSeq, Miseq, etc)	flexibel

Gerät	Akkreditierungs-status
Illumina Series (NovaSeq, Miseq, etc)	flexibel

Gerät	Akkreditierungs-status
Illumina Series (NovaSeq, Miseq, etc)	flexibel
Metafer (MetaSystems), Zeiss Axio Scope A1, Zeiss Axioskope 2 Plus	flexibel

Gerät	Akkreditierungs-status
QX200 Droplet Generator	flexibel
Illumina Series (NovaSeq, Miseq, etc)	flexibel
Illumina Series (NovaSeq, Miseq, etc)	flexibel
Illumina Series (NovaSeq, Miseq, etc)	flexibel
ABI Sequencer 3730XL, 3130XL, 3730	flexibel

Gerät	Akkreditierungs-status
ABI Sequencer 3730XL, 3130XL, 3730	flexibel
ABI Sequencer 3730XL, 3130XL, 3730	flexibel
ABI Sequencer 3730XL, 3130XL, 3730	flexibel
ABI Sequencer 3730XL, 3130XL, 3730	flexibel
ABI Sequencer 3730XL, 3130XL, 3730	flexibel
ABI Sequencer 3730XL, 3130XL, 3730	flexibel
ABI Sequencer 3730XL, 3130XL, 3730	flexibel
Thermocycler	flexibel
ABI Sequencer 3730XL, 3130XL, 3730	flexibel

Gerät	Akkreditierungs-status
ABI Sequencer 3730XL, 3130XL, 3730	flexibel
Illumina Series (NovaSeq, Miseq, etc)	flexibel
	flexibel
Thermocycler, ABI Sequencer 3730XL, 3130XL, 3730	flexibel

Gerät	Akkreditierungs-status
Illumina Series (NovaSeq, Miseq, etc)	flexibel
Thermocycler, ABI Sequencer 3730XL, 3130XL, 3730	flexibel
Thermocycler	flexibel
LC480II, LC1.2 (Roche), CFX96/384Touch (BioRad)	flexibel
Thermocycler, ABI Sequencer 3730	flexibel
Thermocycler, ABI Sequencer 3730	flexibel

Gerät	Akkreditierungs-status
SureScan Microarray Scanner G2505C (Agilent)	flexibel
	flexibel

Gerät	Akkreditierungs-status
Bionano Saphyr	flexibel
Thermocycler, ABI Sequencer 3730XL, 3130XL, 3730	flexibel
Illumina Plattform	flexibel