

Note:

The below list summarizes all analyses that were established at GBA CLS during the last years. Not all analyses are currently performed at GBA CLS but can be re-established in a timely manner. Furthermore, it is possible to implement new methods and/or analyzers according to relevant quality standards (e.g. GCP, ISO 17025, ICH M10 guideline for bioanalytical method validation). We are looking forward to receive your requests.

Errors during sample collection or transport can change the analytical result, which can lead to diagnostic misinterpretations.

For the accreditation status according to ISO 17025, please see "LST-1-005_Liste der Prüfverfahren im flexiblen Akkreditierungsbereich" that is also available on our homepage.

Analyte	Test material	Test technique /Prüftechnik	Analyzer
1,5-Anhydroglucitol	Serum	Enzymatic colorimetric test	Roche Cobas 6000 (c501)
17-Hydroxyprogesterone	Serum	Immunoassay (CLIA)	iSYS
ACE	Serum	Photometry	Roche Cobas 6000 (c501)
acid-alpha1-Glycoprotein	Serum	Immunoturbidimetry	Roche Cobas 6000 (c501)
ACTH	EDTA plasma	Immunoassay (ECLIA)	Roche Cobas 6000 (e601)
ADMA	EDTA plasma	Immunoassay (EIA)	Tecan
Adrenalin	EDTA plasma	Immunoassay (EIA)	Tecan
AFP	Serum	Immunoassay (ECLIA)	Roche Cobas 6000 (e601)
Albumin	Serum/ Urine	Photometry	Roche Cobas 6000 (c501)
Alk. Phosphatase	Serum	Photometry	Roche Cobas 6000 (c501)
alpha1-Antitrypsin	Stool	Immunoassay (EIA)	Tecan
Alpha-2-Antiplasmin Aktivität	Citrate plasma	Chromogenic substrate	Siemens BCS-XP
Amylase	Serum	Photometry	Roche Cobas 6000 (c501)
Androstenedione	Serum	Immunoassay (ECLIA)	Roche Cobas 6000 (e601)
Anti-CCP	Serum	Immunoassay (ECLIA)	Roche Cobas 6000 (e601)
Anti-ds-DNA Ab	Serum	Fluorescence Microscopy	Fluorescence Microscope
Anti-Factor IIa (activity)	Citrate plasma	Chromogenic substrate	Siemens BCS-XP
Anti-Factor Xa (activity)	Citrate plasma	Chromogenic substrate	Siemens BCS-XP
Anti-Muellerian-Hormone	Serum	Immunoassay (ECLIA)	Roche Cobas 6000 (e601)

Analyte	Test material	Test technique /Prüftechnik	Analyzer
Antinuclear AB	Serum	Fluorescence Microscopy	Fluorescence Microscope
Anti-Smooth Muscle Cells	Serum	Fluorescence Microscopy	Fluorescence Microscope
Antithrombin III (activity)	Citrate plasma	Chromogenic substrate	Siemens BCS-XP
Antithrombin III (antigen)	Citrate plasma	Immunonephelometry	Atellica NEPH 630
Anti-Thyreoglobuline	Serum	Immunoassay (ECLIA)	Roche Cobas 6000 (e601)
Anti-Tissue Transglutaminase Screen (IgA/IgG)	Serum	Immunoassay (EIA)	Tecan
Anti-TPO	Serum	Immunoassay (ECLIA)	Roche Cobas 6000 (e601)
APC resistance	Citrate plasma	Clotting test	Siemens BCS-XP
APC sensitivity	Citrate plasma	Chromogenic substrate	Siemens BCS-XP
Apolipoprotein A 1	Serum	Immunoturbidimetry	Roche Cobas 6000 (c501)
Apolipoprotein B	Serum	Immunoturbidimetry	Roche Cobas 6000 (c501)
aPTT	Citrate plasma	Clotting test	Siemens BCS-XP
Bacteria	Urine	Microscopy	Microscope
Basophils	EDTA-blood	Flow-Cytometry	Sysmex XN-1000
Basophils	EDTA-blood	Microscopy	Microscope
Basophils abs.	EDTA blood	Flow-Cytometry	Sysmex XN-1000
Bb fragment	EDTA plasma	Immunoassay (EIA)	Tecan
Bicarbonat	Serum	Photometry	Roche Cobas 6000 (c501)
Bile acids (total)	Serum	Photometry	Roche Cobas 6000 (c501)
Bilirubin	Urine	Reflectometry	Roche Cobas U411
Bilirubin direkt	Serum	Photometry	Roche Cobas 6000 (c501)
Bilirubin indirect	Serum	Photometry	Roche Cobas 6000 (c501)
Bilirubin total	Serum	Photometry	Roche Cobas 6000 (c501)
Blood (erythrocytes)	Urine	Reflectometry	Roche Cobas U411

Analyte	Test material	Test technique /Prüftechnik	Analyzer
Blood group	ACD-Blood	Agglutination test	manually
BNP-pro-NT	Serum	Immunoassay (ECLIA)	Roche Cobas 6000 (e601)
Bone AP	Serum	Immunoassay (EIA)	Tecan
C1-Inhibitor	Citrate plasma	Chromogenic substrate	Siemens BCS-XP
C3a	Citrate plasma	Immunoassay (EIA)	Tecan
C3c-Complement	Serum	Immunonephelometry	Atellica NEPH 630
C4a	EDTA plasma	Immunoassay (EIA)	Tecan
C5a	Citrate plasma	Immunoassay (EIA)	Tecan
CA 125	Serum	Immunoassay (ECLIA)	Roche Cobas 6000 (e601)
CA 15-3	Serum	Immunoassay (ECLIA)	Roche Cobas 6000 (e601)
CA 19-9	Serum	Immunoassay (ECLIA)	Roche Cobas 6000 (e601)
CA 29-29	Serum	Immunoassay (ECLIA)	Roche Cobas 6000 (e601)
Calcitonin	Serum	Immunoassay (ECLIA)	Roche Cobas 6000 (e601)
Calcium	Serum/ Urine	Photometry	Roche Cobas 6000 (c501)
Calcium ionisated (pH 7.4)	Serum	Photometry	Roche Cobas 6000 (c501)
Calprotectin	EDTA plasma	Immunoassay (EIA)	Tecan
Calprotectin	Stool	Immunoassay (EIA)	Tecan
Calprotectin	Stool	Immunoturbidimetry	Roche Cobas 6000 (c501)
Ca-Oxalate Cryst.	Urine	Microscopy	Microscope
Casts	Urine	Microscopy	Microscope
Casts granular	Urine	Microscopy	Microscope
Casts hyaline	Urine	Microscopy	Microscope
Casts RBC	Urine	Microscopy	Microscope
Casts WBC	Urine	Microscopy	Microscope

Analyte	Test material	Test technique /Prüftechnik	Analyzer
CEA	Serum	Immunoassay (ECLIA)	Roche Cobas 6000 (e601)
Cellular blood count	EDTA blood	Flow-Cytometry	Sysmex XN-1000
Cellular Blood Count (incl. Diff.)	EDTA blood	Microscopy	Microscope
cfDNA	Plasma	DNA extraction	Qubit Fluorometer
CH50	Serum	Immunoassay (EIA)	Tecan
Chloride	Serum/ Urine	ISE	Roche Cobas 6000 (c501)
Cholesterol	Serum	Photometry	Roche Cobas 6000 (c501)
Cholesterol-HDL direct	Serum	Photometry	Roche Cobas 6000 (c501)
Cholesterol-LDL	Serum	Photometry	Roche Cobas 6000 (c501)
Cholesterol-LDL direct	Serum	Photometry	Roche Cobas 6000 (c501)
Cholesterol-VLDL	Serum	Photometry	Roche Cobas 6000 (c501)
Cholinesterase	Serum	Photometry	Roche Cobas 6000 (c501)
CIC Screen	Serum	Immunoassay (EIA)	Tecan
Circulating tumor cells	EDTA blood	Fluorescence Microscopy	CellSearch
CK NAC-activated	Serum	Photometry	Roche Cobas 6000 (c501)
CK-MB NAC-activated	Serum	Photometry	Roche Cobas 6000 (c501)
Clotting Factor IX inhibitor	Citrate plasma	Clotting test	Siemens BCS-XP
Clotting Factor II	Citrate plasma	Clotting test	Siemens BCS-XP
Clotting Factor IX	Citrate plasma	Clotting test	Siemens BCS-XP
Clotting Factor IX chromo.	Citrate plasma	Chromogenic substrate	Siemens BCS-XP
Clotting Factor V	Citrate plasma	Clotting test	Siemens BCS-XP
Clotting Factor VII	Citrate plasma	Clotting test	Siemens BCS-XP
Clotting Factor VIIa	Citrate plasma	Clotting test	Roche Coasys Plus C
Clotting Factor VIIa	Citrate plasma	Clotting test	Siemens BCS-XP

Analyte	Test material	Test technique /Prüftechnik	Analyzer
Clotting Factor VIII	Citrate plasma	Clotting test	Siemens BCS-XP
Product specific FVIII assay	Citrate plasma	Chromogenic substrate	TBD
Product specific FVIII assay	Citrate plasma	Clotting test	TBD
Clotting Factor VIII chromo.	Citrate plasma	Chromogenic substrate	Siemens BCS-XP
Clotting Factor VIII inhibitor	Citrate plasma	Clotting test	Siemens BCS-XP
Clotting Factor X	Citrate plasma	Clotting test	Siemens BCS-XP
Clotting Factor Xa	Citrate plasma	Clotting test	Siemens BCS-XP
Clotting Factor XI	Citrate plasma	Clotting test	Siemens BCS-XP
Clotting Factor XI	Citrate plasma	Chromogenic substrate	Siemens BCS-XP
Clotting Factor XII	Citrate plasma	Clotting test	Siemens BCS-XP
CMV IgG	Serum	Immunoassay (EIA)	Tecan
Coagulation Factor V Leiden	Citrate Plasma	Clotting test	Siemens BCS-XP
Coombs Test (DAT)	Serum	Agglutination	manually
Cortisol	Serum/ Urine	Immunoassay (ECLIA)	Roche Cobas 6000 (e601)
C-Peptide	Serum	Immunoassay (ECLIA)	Roche Cobas 6000 (e601)
Creatinine (enzymatic)	Serum/ Urine	Photometry	Roche Cobas 6000 (c501)
Creatinine-Clearance	Serum	Photometry	Roche Cobas 6000 (c501)
CRP/CRP-hs	Serum	Immunoturbidimetry	Roche Cobas 6000 (c501)
Crystals	Urine	Microscopy	Microscope
CTX II	Urine	Immunoassay (EIA)	Tecan
Cystatine C	Serum / Urine	Immunonephelometry	Atellica NEPH 630
Cystatine C	Serum	Immunoturbidimetry	Roche Cobas 6000 (c501)
CXCL9	Serum	Immunoassay (EIA)	Tecan
D-Dimer	Citrate plasma	Immunoassay (EIA)	Tecan

Analyte	Test material	Test technique /Prüftechnik	Analyzer
D-Dimer	Citrate plasma	Immunoturbidimetry	Roche Cobas 6000 (c501)
Dermatophytes	Skin, nail parings, hair	Specific culture method in aerobic atmosphere/ Microscopy	Microscope
DHEA	Serum	Immunoassay (EIA)	Tecan
DHEA-SO4	Serum	Immunoassay (ECLIA)	Roche Cobas 6000 (e601)
Differential Blood Count, autom.	EDTA blood	Flow-Cytometry	Sysmex XN-1000
Digoxin	Serum/ Urine	Immunoassay (ECLIA)	Roche Cobas 6000 (e601)
eGFR (CKD-EPI)	Serum	Photometry	Roche Cobas 6000 (c501)
eGFR (MDRD)	Serum	Photometry	Roche Cobas 6000 (c501)
Endogenous Thrombin Potential (ETP)	Plasma	Fluorometric test	Thermo Electron Fluorometer
Endothelin 1	Serum/ Urine	Immunoassay (EIA)	Tecan
Eosinophils	EDTA-blood	Flow-Cytometry	Sysmex XN-1000
Eosinophils	EDTA-blood	Microscopy	Microscope
Eosinophils abs.	EDTA blood	Flow-Cytometry	Sysmex XN-1000
Epithel squamous	Urine	Microscopy	Microscope
Epithel transit.	Urine	Microscopy	Microscope
Epithelials	Urine	Microscopy	Microscope
Erythrocytes	EDTA-blood	Flow Cytometry	Sysmex XN-1000
Erythrocytes quan.	Urine	Microscopy	Microscope
Estradiol	Serum	Immunoassay (ECLIA)	Roche Cobas 6000 (e601)
Ethanol (Ethyl alcohol)	Plasma	Photometry	Roche Cobas 6000 (c501)
Ferritin	Serum	Immunoassay (ECLIA)	Roche Cobas 6000 (e601)
FGF - 19	Serum	Immunoassay (EIA)	Tecan
FGF - 21	Serum	Immunoassay (EIA)	Tecan
FGF - 23 (intact)	Serum	Immunoassay (EIA)	Tecan

Analyte	Test material	Test technique /Prüftechnik	Analyzer
FGF 23 (C-Term)	Serum	Immunoassay (EIA)	Tecan
Fibrinogen	Citrate plasma	Clotting test	Siemens BCS-XP
FLT3 ligand	Serum	Immunoassay (EIA)	Tecan
Folate	Serum	Immunoassay (ECLIA)	Roche Cobas 6000 (e601)
Folate (RBC)	Whole Blood	Immunoassay (ECLIA)	Roche Cobas 6000 (e601)
Free fatty acids	Serum	Photometry	Roche Cobas 6000 (c501)
Free Hemoglobin	Heparin-/EDTA-Plasma	Photometry	Roche Cobas 6000 (c501)
Fructosamin	Serum	Photometry	Roche Cobas 6000 (c501)
FSH	Serum	Immunoassay (ECLIA)	Roche Cobas 6000 (e601)
Gamma-GT	Serum/ Urine	Photometry	Roche Cobas 6000 (c501)
GFAP	Serum, CSF	Immunoassay (EIA)	Meso Scale Quickplex SQ120
GHBP	Serum	Immunoassay (EIA)	Tecan
GLDH	Serum	Photometry	Roche Cobas 6000 (c501)
GLP-1	Serum	Immunoassay (EIA)	Tecan
Glucagon	P800-Plasma	Immunoassay (EIA)	Tecan
Glucose	Urine	Reflectometry	Roche Cobas U411
Glucose	Hemolysate	Photometry	Roche Cobas 6000 (c501)
Glucose	Serum/ Plasma/ Urine	Photometry	Roche Cobas 6000 (c501)
GOT (ASAT)	Serum	Photometry	Roche Cobas 6000 (c501)
GPT (ALAT)	Serum	Photometry	Roche Cobas 6000 (c501)
Haemophilus-influenzae IgG	Serum	Immunoassay (EIA)	Tecan
Haptoglobin	Serum	Immunturbidimetry	Roche Cobas 6000 (c501)
HAV-AB	Serum	Immunoassay (ECLIA)	Roche Cobas 6000 (e601)
HAV-AB (IgM)	Serum	Immunoassay (ECLIA)	Roche Cobas 6000 (e601)

Analyte	Test material	Test technique /Prüftechnik	Analyzer
HbA1c	Whole blood	Immunoturbidimetry	Roche Cobas 6000 (c501)
HB-c-AB	Serum	Immunoassay (ECLIA)	Roche Cobas 6000 (e601)
HB-c-AB (IgM)	Serum	Immunoassay (ECLIA)	Roche Cobas 6000 (e601)
HBDH	Serum	Photometry	Roche Cobas 6000 (c501)
HB-e-AB	Serum	Immunoassay (ECLIA)	Roche Cobas 6000 (e601)
HB-e-Ag	Serum	Immunoassay (ECLIA)	Roche Cobas 6000 (e601)
HB-s-AB	Serum	Immunoassay (ECLIA)	Roche Cobas 6000 (e601)
HB-s-Ag	Serum	Immunoassay (ECLIA)	Roche Cobas 6000 (e601)
HCV-AB	Serum	Immunoassay (ECLIA)	Roche Cobas 6000 (e601)
Hematocrit	EDTA-blood	Cumulative Pulse Height Detection	Sysmex XN-1000
Hemoglobin	EDTA-blood	SLS-hemoglobin (555 nm)	Sysmex XN-1000
Hemoglobin	Urine	Reflectometry	Roche Cobas U411
Hemoglobin	Menstrual blood	Photometric	Photometer
Hemoglobin (Serum)	Plasma	Photometric method/Harboe	Photometer
Hemosiderin	Urine	Microscopy	Microscope
Hepcidin	Serum	Immunoassay (EIA)	Tecan
HER2/ErbB2	Serum	Immunoassay (EIA)	Tecan
HGF	Serum	Immunoassay (EIA)	Tecan
hGH	Serum	Immunoassay (CLIA)	iSYS
hGH	Serum	Immunoassay (ECLIA)	Roche Cobas 6000 (e601)
Homocystein	Serum	Immunoassay (ECLIA)	Roche Cobas 6000 (e601)
Hyphen	KOH Präparat	Microscopy	Microscope
IgA	Serum	Immunonephelometry	Atellica NEPH 630
IgE	Serum	Immunoassay (ECLIA)	Roche Cobas 6000 (e601)

Analyte	Test material	Test technique /Prüftechnik	Analyzer
IGF-1	Serum	Immunoassay (CLIA)	iSYS
IGFBP-3	Serum	Immunoassay (CLIA)	iSYS
IgG	Serum/ Urine	Immunonephelometry	Atellica NEPH 630
IgM	Serum/ Urine	Immunonephelometry	Atellica NEPH 630
Inhibin A	Serum	Immunoassay (EIA)	Tecan
Inhibin B	Serum	Immunoassay (EIA)	Tecan
Insulin	Serum	Immunoassay (ECLIA)	Roche Cobas 6000 (e601)
Interferon beta	Serum	Immunoassay (ECLIA)	Meso Scale Quickplex SQ120
Interferon gamma	Serum	Immunoassay (EIA)	Tecan
Interferon gamma	Serum	Immunoassay (ECLIA)	Meso Scale Quickplex SQ120
Interleukin 17	Serum	Immunoassay (EIA)	Tecan
Interleukin 17A	Serum	Immunoassay (ECLIA)	Meso Scale Quickplex SQ120
Interleukin 17 HS S-Plex	Serum	Immunoassay (ECLIA)	Meso Scale Quickplex SQ120
Interleukin 1 β	Serum	Immunoassay (ECLIA)	Meso Scale Quickplex SQ120
Interleukin 1 β	Serum	Immunoassay (EIA)	ELLA (R&D)
Interleukin 2	Serum	Immunoassay (ECLIA)	Meso Scale Quickplex SQ120
Interleukin 6	Serum	Immunoassay (ECLIA)	Roche Cobas 6000 (e601)
Interleukin 6	Serum	Immunoassay (EIA)	Meso Scale Quickplex SQ120
Interleukin 6	Serum	Immunoassay (EIA)	ELLA (R&D)
Interleukin 8	Serum	Immunoassay (EIA)	Tecan
Interleukin 8	Serum	Immunoassay (ECLIA)	Meso Scale Quickplex SQ120
Iron	Serum	Photometry	Roche Cobas 6000 (c501)
Ketone	Urine	Reflectometry	Roche Cobas U411
KIM-1	Serum	Immunoassay (EIA)	Tecan

Analyte	Test material	Test technique /Prüftechnik	Analyzer
KIM-1	Urine	Immunoassy (EIA)	Tecan
Lactat	Serum	Photometry	Roche Cobas 6000 (c501)
LDH	Serum	Photometry	Roche Cobas 6000 (c501)
Leptin	Serum	Immunoassay (EIA)	Tecan
Leucocytes	EDTA-blood	Flow Cytometry	Sysmex XN-1000
Leucocytes	Urine	Reflectometry	Roche Cobas U411
Leucocytes quan.	Urine	Microscopy	Microscope
LH	Serum	Immunoassay (ECLIA)	Roche Cobas 6000 (e601)
Lipase	Serum	Photometry	Roche Cobas 6000 (c501)
Lipocalin 2	Serum	Immunoassay (EIA)	Tecan
Lipocalin 2	Urine	Immunoassay (EIA)	Tecan
Lipoprotein (a)	Serum	Immunoturbidimetry	Roche Cobas 6000 (c501)
Lithium	Serum	Photometry	Roche Cobas 6000 (c501)
Lupus Anticoagulant confirm (sec.)	Citrate plasma	Clotting test	Siemens BCS-XP
Lupus Anticoagulant ratio	Citrate plasma	Coagulometry	Siemens BCS-XP
Lupus Anticoagulant screen (sec.)	Citrate plasma	Clotting test	Siemens BCS-XP
Lymphocyte differential / „Immunstatus“ (BD IMK-Kit: CD3, CD4, CD16, CD19, CD45, CD56)	EDTA blood (Cyto-Chex® BCT)	Flow Cytometry	FACSCanto II
Lymphocytes	EDTA-blood	Flow-Cytometry	Sysmex XN-1000
Lymphocytes	EDTA-blood	Microscopy	Microscope
Lymphocytes abs.	EDTA blood	Flow-Cytometry	Sysmex XN-1000
Lymphozyten Subpopulation (BD TBNK Kit) (CD3, CD4, CD8, CD16, CD56, CD19, CD45)	EDTA blood (Cyto-Chex® BCT)	Flow Cytometry	FACSCanto II
Lymphozyten-Differenzierung (CD3, CD16, CD56, CD19, CD45)	EDTA blood (Cyto-Chex® BCT)	Flow Cytometry	FACSCanto II

Analyte	Test material	Test technique /Prüftechnik	Analyzer
Magnesium	Serum/ Urine	Photometry	Roche Cobas 6000 (c501)
Maltose	F-Plasma	Photometry	Roche Cobas 6000 (c501)
MCH	EDTA-blood	Flow Cytometry	Sysmex XN-1000
MCHC	EDTA-blood	Flow Cytometry	Sysmex XN-1000
MCP-1	Serum	Immunoassay (EIA)	Tecan
MCV	EDTA-blood	Flow Cytometry	Sysmex XN-1000
Measles IgG	Serum	Immunoassay (EIA)	Tecan
Mim8 ADA	Human citrated plasma	Immunoassay (ECLIA)	Meso Scale Quickplex SQ120
Monocytes	EDTA-blood	Flow-Cytometry	Sysmex XN-1000
Monocytes	EDTA-blood	Microscopy	Microscope
Monocytes abs.	EDTA blood	Flow-Cytometry	Sysmex XN-1000
MPF	Serum	Immunoassay (EIA)	Tecan
MPV	EDTA-blood	Flow-Cytometry	Sysmex XN-1000
Mucous	Urine	Microscopy	Microscope
Myoglobin	Serum	Immunoassay (ECLIA)	Roche Cobas 6000 (e601)
N-Acetyl- β -D-glucosaminidase (β -NAG)	Urine	Photometry	Roche Cobas 6000 (c501)
NEFL (neurofilament light)	Serum, CSF	Immunoassay (ECLIA)	Meso Scale Quickplex SQ120
Neopterin	Serum	Immunoassay (EIA)	Tecan
Nephrocheck	Urine	Immunoassay (ELFA)	Vidas 3
Neutrophils	EDTA-blood	Flow-Cytometry	Sysmex XN-1000
Neutrophils	EDTA-blood	Microscopy	Microscope
Neutrophils abs.	EDTA blood	Flow-Cytometry	Sysmex XN-1000
Nitrite	Urine	Reflectometry	Roche Cobas U411
Noradrenalin	EDTA-Plasma	Immunoassay (EIA)	Tecan

Analyte	Test material	Test technique /Prüftechnik	Analyzer
NRBC	EDTA-blood	Flow-Cytometry	Sysmex XN-1000
NRBC (nucleated red blood cells)	EDTA blood	Flow-Cytometry	Sysmex XN-1000
NTx	Serum	Immunoassay (EIA)	Tecan
NTx	Urine	Immunoassay (EIA)	Tecan
Osteocalcin	Serum	Immunoassay (ECLIA)	Roche Cobas 6000 (e601)
Osteoprotegrin	Serum	Immunoassay (EIA)	Tecan
Oxytocin	EDTA plasma	Immunoassay (EIA)	Tecan
P1NP	Serum	Immunoassay (ECLIA)	Roche Cobas 6000 (e601)
PAI-1 (activity)	CTAD plasma	Chromogenic substrate	Siemens BCS-XP
PAI-1 (activity)	Citrate plasma	Immunoassay (EIA)	Tecan
PAI-1 (antigen)	Citrate plasma	Immunoassay (EIA)	Tecan
P-Amylase	Serum	Photometry	Roche Cobas 6000 (c501)
PAP-Complex	Citrate plasma	Immunoassay (EIA)	Tecan
PBMC	EDTA blood	cell purification	Countess II Automated Cell Counter
pH	Urine	Reflectometry	Roche Cobas U411
Phosphate inorg.	Serum/ Urine	Photometry	Roche Cobas 6000 (c501)
Plasminogen	Citrate plasma	Chromogenic substrate	Siemens BCS-XP
Platelets (thrombocytes)	EDTA blood	Flow Cytometry	Sysmex XN-1000
Potassium	Serum/ Urine	ISE	Roche Cobas 6000 (c501)
Prealbumin	Serum	Immunoturbidimetry	Roche Cobas 6000 (c501)
Progesterone	Serum	Immunoassay (ECLIA)	Roche Cobas 6000 (e601)
Proinsulin intact	Serum	Immunoassay (EIA)	Tecan
Prolactin	Serum	Immunoassay (ECLIA)	Roche Cobas 6000 (e601)
Protein	Urine	Reflectometry	Roche Cobas U411

Analyte	Test material	Test technique /Prüftechnik	Analyzer
Protein C (activity)	Citrate plasma	Chromogenic substrate	Siemens BCS-XP
Protein S (activity)	Citrate plasma	Clotting test	Siemens BCS-XP
Protein, total	Urine	Turbidimetric	Roche Cobas 6000 (c501)
Protein, total	Serum	Photometry	Roche Cobas 6000 (c501)
Prothrombin Fragment 1+2	Citrate plasma	Immunoassay (EIA)	Tecan
PSA (free)	Serum	Immunoassay (ECLIA)	Roche Cobas 6000 (e601)
PSA (total)	Serum	Immunoassay (ECLIA)	Roche Cobas 6000 (e601)
PTH intact	Serum	Immunoassay (ECLIA)	Roche Cobas 6000 (e601)
PTZ (Prothrombin Time)	Citrate plasma	Clotting test	Siemens BCS-XP
PTZ (Prothrombin Time) diluted	Citrate plasma	Clotting test	Siemens BCS-XP
RDW-CV	EDTA-blood	Flow Cytometry	Sysmex XN-1000
RDW-SD	EDTA-blood	Flow Cytometry	Sysmex XN-1000
Reticulocyte Hemoglobin (Ret-He)	EDTA blood	Flow-Cytometry	Sysmex XN-1000
Reticulocytes	EDTA-blood	Flow-Cytometry	Sysmex XN-1000
Reticulocytes abs.	EDTA blood	Flow-Cytometry	Sysmex XN-1000
Retinol-binding-protein 4	Serum	Immunoassay (EIA)	Tecan
Rheumatoid factor	Serum	Turbidimetric	Roche Cobas 6000 (c501)
Sc5b-9	EDTA plasma	Immunoassay (EIA)	Tecan
SHBG	Serum	Immunoassay (ECLIA)	Roche Cobas 6000 (e601)
sICAM1	Serum	Immunoassay (EIA)	Tecan
SMRP	Serum	Immunoassay (EIA)	Tecan
Sodium	Serum/ Urine	ISE	Roche Cobas 6000 (c501)
Syphilis Ab	Serum	Immunoassay (ECLIA)	Roche Cobas 6000 (e601)
β-Hydroxybutyrate	Serum	Photometry	Roche Cobas 6000 (c501)

Analyte	Test material	Test technique /Prüftechnik	Analyzer
β2-Microglobulin	Serum	Immunonephelometry	Atellica NEPH 630
β2-Microglobulin	Urine	Immunonephelometry	Atellica NEPH 630
β-CTx (Beta-Crosslaps)	Serum	Immunoassay (ECLIA)	Roche Cobas 6000 (e601)
sRANKL total	Serum	Immunoassay (EIA)	Tecan
β-HCG	Serum	Immunoassay (ECLIA)	Roche Cobas 6000 (e601)
β-N-acetylglucosaminidase	Urine	Photometry	Roche Cobas 6000 (c501)
T3 free	Serum	Immunoassay (ECLIA)	Roche Cobas 6000 (e601)
T3 total	Serum	Immunoassay (ECLIA)	Roche Cobas 6000 (e601)
T4 free	Serum	Immunoassay (ECLIA)	Roche Cobas 6000 (e601)
T4 total	Serum	Immunoassay (ECLIA)	Roche Cobas 6000 (e601)
TB-IFN-Release	Plasma	Immunoassay (EIA)	Tecan
Testosterone total	Serum	Immunoassay (ECLIA)	Roche Cobas 6000 (e601)
Tetanus IgG	Serum	Immunoassay (EIA)	Tecan
TFPI activity	Serum	Immunoassay (EIA)	Tecan
TFPI free	Serum	Immunoassay (EIA)	Tecan
TFPI total	Serum or EDTA plasma	Immunoassay (EIA)	Tecan
Thrombin/Antithrombin III-Complex (TAT-Complex)	Citrate plasma	Immunoassay (EIA)	Tecan
Thromboplastin time (Quick's test)	Citrate plasma	Clotting test	Siemens BCS-XP
T-Lymphozyten Subpopulation (CD3, CD4, CD45)	EDTA blood (Cyto-Chex® BCT)	Flow Cytometry	FACSCanto II
T-Lymphozyten Subpopulation (CD3, CD4, CD8, CD45)	EDTA blood (Cyto-Chex® BCT)	Flow Cytometry	FACSCanto II
TNF alpha	Serum	Immunoassay (EIA)	Tecan
TNF alpha	Serum	Immunoassay (ECLIA)	Meso Scale Quickplex SQ120
TNF alpha	Serum	Immunoassay (EIA)	ELLA (R&D)

Analyte	Test material	Test technique /Prüftechnik	Analyzer
Total iron binding	Serum	Photometry	Roche Cobas 6000 (c501)
Total NK (CD16+/56+)	EDTA-blood	Flow-Cytometry	FACSCanto II
Transferrin	Serum	Turbidimetric	Roche Cobas 6000 (c501)
TRAP 5B	Serum	Immunoassay (EIA)	Tecan
Triglycerides	Serum	Photometry	Roche Cobas 6000 (c501)
Trip.-Phos. Cryst.	Urine	Microscopy	Microscope
Troponin I hs	Serum	Immunoassay (ELFA)	Vidas 3
Troponin T	Serum	Immunoassay (ECLIA)	Roche Cobas 6000 (e601)
TSH	Serum	Immunoassay (ECLIA)	Roche Cobas 6000 (e601)
U-Albumin	Urine	Immunoturbidimetry	Roche Cobas 6000 (c501)
Urate Crystals	Urine	Microscopy	Microscope
Urea/ Urea nitrogen	Serum/ Urine	Photometry	Roche Cobas 6000 (c501)
Uric acid	Serum/ Urine	Photometry	Roche Cobas 6000 (c501)
Uric acid Cryst.	Urine	Microscopy	Microscope
Urine Sediment (incl. Bacteria, Epithel, Crystals)	Urine	Microscopy	Microscope
Urobilinogen	Urine	Reflectometry	Roche Cobas U411
U-Specific weight/U-Specific Gravity	Urine	Reflectometry	Roche Cobas U411
Vitamin B12	Serum	Immunoassay (ECLIA)	Roche Cobas 6000 (e601)
Vitamin D25-OH	Serum	Immunoassay (ECLIA)	Roche Cobas 6000 (e601)
Vitamin-D 25-OH	Serum	Immunoassay (EIA)	Tecan
vWF:Ag	Citrate plasma	Immunoassay (EIA)	Tecan
vWF:CBA	Citrate plasma	Immunoassay (EIA)	Tecan
vWF:RCo	Citrate plasma	Immunoturbidimetry	Tecan
Yeast	Urine	Microscopic	Microscope