

# DAP Deutsches Akkreditierungssystem Prüfwesen GmbH

## Annex to the Accreditation Certificate DAP-ML-4177.00 Accreditation based on DIN EN ISO 15189: 2003

Periode of validity: 2007-07-05 to 2012-07-04

Holder of the certificate: **MERKEZ ANALIZ ve SAGLIK HIZMETLERI TICARET  
ve SANAYI LTD. STI**

### **CENTRO LABORATUVARLARI**

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Tests in the areas: **clinical chemistry (including hematology, hemostatology); immunology (immunology, allergology); microbiology (including bacteriology, infection serology, mycology, parasitology, virology, molecular biology of infection serology); human genetics; transfusion medicine (blood group)**

abbreviations used: see last page

## **1 Clinical chemistry**

### **1.1 Clinical chemistry**

<b>SOP</b>	<b>Parameter</b>	<b>Subgroup</b>	<b>Sample Type</b>	<b>Test Method</b>
3736	17-Alpha-OH-Progesterone (direct)	Clinical Chemistry	Serum	Radioimmunoassay (RIA)
3200	25-Hydroxyvitamin D	Clinical Chemistry	Serum	Radioimmunoassay (RIA)
4231	5-Hydroxyindolasetic Acid	Clinical Chemistry	Spot Urine	High Performance Liquid Chromatography (HPLC)
4231	5-Hydroxyindolasetic Acid	Clinical Chemistry	24 Houred Urine	High Performance Liquid Chromatography (HPLC)
3123	Acid Phosphatase	Clinical Chemistry	Serum	Enzymatic
3601	ACTH	Clinical Chemistry	Plasma (EDTA)	Immunoradiometric Assay (IRMA)
4231	Adrenaline	Clinical Chemistry	Plasma (EDTA)	High Performance Liquid Chromatography (HPLC)

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<b>SOP</b>	<b>Parameter</b>	<b>Subgroup</b>	<b>Sample Type</b>	<b>Test Method</b>
4231	Adrenaline	Clinical Chemistry	24 Houred Urine	High Performance Liquid Chromatography (HPLC)
4231	Adrenaline	Clinical Chemistry	Spot Urine	High Performance Liquid Chromatography (HPLC)
3541	AFP (Alpha-Fetoprotein)	Clinical Chemistry	Serum	Electrochemiluminescence Immunoassay (ECLIA)
4939	AFP (Alpha-Fetoprotein)	Clinical Chemistry	Serum	FIA (Fluorescence Immunoassay (FIA)
4939	AFP (Alpha-Fetoprotein)	Clinical Chemistry	Amniotic Fluid	FIA (Fluorescence Immunoassay (FIA)
3123	Albumin	Clinical Chemistry	Serum	Photometry
3547	Albumin in CSF	Clinical Chemistry	CSF	Nephelometry
3609	Aldosterone	Clinical Chemistry	Urine	Radioimmunoassay (RIA)
3609	Aldosterone	Clinical Chemistry	Serum	Radioimmunoassay (RIA)
3123	ALP	Clinical Chemistry	Serum	Enzymatic
3547	Alpha-1 Antitrypsin	Clinical Chemistry	Serum	Nephelometry
5102	Alpha-1 Antitrypsin	Clinical Chemistry	Feces	Radial Immun Diffusion (RID)
3547	Alpha-2 Macroglobulin	Clinical Chemistry	Serum	Nephelometry
4010	Aluminium	Clinical Chemistry	Serum	Atomic Absorption Spectrometry (AAS)
3123	Amylase (Alpha-Amylase)	Clinical Chemistry	Spot Urine	Enzymatic
3123	Amylase (Alpha-Amylase)	Clinical Chemistry	Serum	Enzymatic
3123	Amylase (Alpha-Amylase)	Clinical Chemistry	24 Houred Urine	Enzymatic
3123	Amylase, pancreatic	Clinical Chemistry	Serum	Enzymatic
3605	Androstenedione	Clinical Chemistry	Serum	Radioimmunoassay (RIA)
3123	Angiotensin Converting Enzyme (ACE)	Clinical Chemistry	Serum	Enzymatic
3541	Anti-Microsomal Antibodies	Clinical Chemistry	Serum	Electrochemiluminescence Immunoassay (ECLIA)
3541	Anti-Thyroglobulin Antibody	Clinical Chemistry	Serum	Electrochemiluminescence Immunoassay (ECLIA)
3547	Apolipoprotein A1	Clinical Chemistry	Serum	Nephelometry
3547	Apolipoprotein B	Clinical Chemistry	Serum	Nephelometry
3547	ASO (Anti-Streptolizin O)	Clinical Chemistry	Serum	Nephelometry
3547	Bence-Jones Proteins, quantitative	Clinical Chemistry	24 Houred Urine	Nephelometry
3547	Beta-2-Mikroglobulin	Clinical Chemistry	Serum	Nephelometry
3547	Beta-2-Mikroglobulin	Clinical Chemistry	Urine	Nephelometry

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3541	Beta-CrossLaps (Beta-CTx)	Clinical Chemistry	Serum	Electrochemiluminescence Immunoassay (ECLIA)
3541	Beta-hCG	Clinical Chemistry	Serum	Electrochemiluminescence Immunoassay (ECLIA)
3123	BUN	Clinical Chemistry	Spot Urine	Enzymatic
3123	BUN	Clinical Chemistry	Serum	Enzymatic
3123	BUN	Clinical Chemistry	24 Houred Urine	Enzymatic
3547	C3 Complement (C3c)	Clinical Chemistry	Serum	Nephelometry
3547	C4 Complement	Clinical Chemistry	Serum	Nephelometry
3541	CA 125	Clinical Chemistry	Serum	Electrochemiluminescence Immunoassay (ECLIA)
3541	CA 15-3	Clinical Chemistry	Serum	Electrochemiluminescence Immunoassay (ECLIA)
3541	CA 19-9	Clinical Chemistry	Serum	Electrochemiluminescence Immunoassay (ECLIA)
3541	CA 72-4	Clinical Chemistry	Serum	Electrochemiluminescence Immunoassay (ECLIA)
4017	Cadmium	Clinical Chemistry	Whole Blood (EDTA)	Atomic Absorption Spectrometry (AAS)
3198	Calcitonin	Clinical Chemistry	Serum	Immunoradiometric Assay (IRMA)
3123	Calcium	Clinical Chemistry	Serum	Photometry
3123	Calcium	Clinical Chemistry	24 Houred Urine	Photometry
3123	Calcium	Clinical Chemistry	Spot Urine	Photometry
3123	Carbamazepine	Clinical Chemistry	Serum	Fluoresecence Polarisation Immunoassay (FPIA)
4231	Catecholamins	Clinical Chemistry	Spot Urine	High Performance Liquid Chromatography (HPLC)
4231	Catecholamins	Clinical Chemistry	Plasma (EDTA)	High Performance Liquid Chromatography (HPLC)
4231	Catecholamins	Clinical Chemistry	24 Houred Urine	High Performance Liquid Chromatography (HPLC)
3541	CEA	Clinical Chemistry	Serum	Electrochemiluminescence Immunoassay (ECLIA)
3547	Ceruloplasmin	Clinical Chemistry	Serum	Nephelometry
3123	Chloride	Clinical Chemistry	Serum	Ion Selective Electrodes (ISE)
3123	Chloride	Clinical Chemistry	Urine	Ion Selective Electrodes (ISE)
4019	Chromium (AAS)	Clinical Chemistry	Whole Blood (EDTA)	Atomic Absorption Spectrometry (AAS)
4979	Citrate	Clinical Chemistry	Urine	Enzymatic
3123	CK	Clinical Chemistry	Serum	Enzymatic
3123	CK-MB	Clinical Chemistry	Serum	Enzymatic

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4021	Copper	Clinical Chemistry	Serum	Atomic Absorption Spectrometry (AAS)
4020	Copper	Clinical Chemistry	24 Houred Urine	Atomic Absorption Spectrometry (AAS)
3541	Cortisol	Clinical Chemistry	Serum	Electrochemiluminescence Immunoassay (ECLIA)
3541	C-peptide	Clinical Chemistry	Serum	Electrochemiluminescence Immunoassay (ECLIA)
3123	C-Reactive Protein (CRP)	Clinical Chemistry	Serum	Turbidimetry
3123	Creatinine	Clinical Chemistry	Spot Urine	Photometry
3123	Creatinine	Clinical Chemistry	Serum	Photometry
3123	Creatinine	Clinical Chemistry	24 Houred Urine	Photometry
3123	Creatinine Clearance	Clinical Chemistry	Serum/Urine	Photometry
3547	Cystatin C	Clinical Chemistry	Serum	Nephelometry
3686	Cystine, qualitative	Clinical Chemistry	Urine	Spectrometry
3607	Dehydroepiandrosterone (DHEA)	Clinical Chemistry	Serum	Radioimmunoassay (RIA)
3660	Deoxypyridinoline	Clinical Chemistry	Urine	Radioimmunoassay (RIA)
3541	DHEA-S	Clinical Chemistry	Serum	Electrochemiluminescence Immunoassay (ECLIA)
3486	Digoxin	Clinical Chemistry	Serum	Enzyme Linked Fluorescence Assay (ELFA)
3123	Direct Bilirubin	Clinical Chemistry	Serum	Photometry
4231	Dopamine	Clinical Chemistry	Plasma (EDTA)	High Performance Liquid Chromatography (HPLC)
4231	Dopamine	Clinical Chemistry	24 Houred Urine	High Performance Liquid Chromatography (HPLC)
4231	Dopamine	Clinical Chemistry	Spot Urine	High Performance Liquid Chromatography (HPLC)
3700	Drug Abuse Screening Test	Clinical Chemistry	Spot Urine	Enzyme Immunoassay
2909	Elastase	Clinical Chemistry	Feces	Enzyme Linked Immunosorbent Assay (ELISA)
3249	Erythropoietin	Clinical Chemistry	Serum	Enzyme Linked Immunosorbent Assay (ELISA)
3541	Estradiol (E2)	Clinical Chemistry	Serum	Electrochemiluminescence Immunoassay (ECLIA)
2785	Estrone (E1)	Clinical Chemistry	Serum	Electrochemiluminescence Immunoassay (ECLIA)
3791	Fecal Digestion	Clinical Chemistry	Feces	Microscopy
3123	Ferritin	Clinical Chemistry	Serum	Turbidimetry
3541	Folic Acid	Clinical Chemistry	Serum	Electrochemiluminescence Immunoassay (ECLIA)

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3541	Free Cortisol	Clinical Chemistry	Urine	Electrochemiluminescence Immunoassay (ECLIA)
4939	Free Estriol (UE3)	Clinical Chemistry	Serum	Radioimmunoassay (RIA)
3541	Free PSA	Clinical Chemistry	Serum	Electrochemiluminescence Immunoassay (ECLIA)
3541	Free T3	Clinical Chemistry	Serum	Electrochemiluminescence Immunoassay (ECLIA)
3541	Free T4	Clinical Chemistry	Serum	Electrochemiluminescence Immunoassay (ECLIA)
3665	Free Testosterone	Clinical Chemistry	Serum	Radioimmunoassay (RIA)
3123	Fructosamine	Clinical Chemistry	Serum	Photometry
3541	FSH	Clinical Chemistry	Serum	Electrochemiluminescence Immunoassay (ECLIA)
3123	GGT	Clinical Chemistry	Serum	Enzymatic
3534	GH	Clinical Chemistry	Serum	Chemiluminescence Immunoassay
3123	Glucose	Clinical Chemistry	CSF	Enzymatic
3123	Glucose	Clinical Chemistry	Serum	Enzymatic
3123	Glucose	Clinical Chemistry	24 Houred Urine	Enzymatic
3123	Glucose	Clinical Chemistry	Spot Urine	Enzymatic
3123	Glucose	Clinical Chemistry	Plasma (NaF)	Enzymatic
3427	Glukose 6 P Dehydrogenase	Clinical Chemistry	Whole Blood (EDTA)	Photometry
3547	Haptoglobin	Clinical Chemistry	Serum	Nephelometry
3123	HDL Cholesterol	Clinical Chemistry	Serum	Enzymatic
3333	Hemoglobin A1c	Clinical Chemistry	Blood	High Performance Liquid Chromatography (HPLC)
3703	Hemoglobin A2	Clinical Chemistry	Blood	High Performance Liquid Chromatography (HPLC)
3703	Hemoglobin Electrophoresis (HPLC)	Clinical Chemistry	Blood	High Performance Liquid Chromatography (HPLC)
3703	Hemoglobin F	Clinical Chemistry	Blood	High Performance Liquid Chromatography (HPLC)
3547	Homocysteine	Clinical Chemistry	Serum	Nephelometry
4231	Homovanilic Acid (HVA)	Clinical Chemistry	24 Houred Urine	High Performance Liquid Chromatography (HPLC)
4231	Homovanilic Acid (HVA)	Clinical Chemistry	Spot Urine	High Performance Liquid Chromatography (HPLC)
3547	hs-CRP	Clinical Chemistry	Serum	Nephelometry
3547	IgA	Clinical Chemistry	Serum	Nephelometry
3662	IGF-BP3	Clinical Chemistry	Serum	Immunoradiometric Assay (IRMA)

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3547	IgG	Clinical Chemistry	Serum	Nephelometry
3547	IgG	Clinical Chemistry	CSF	Nephelometry
3547	IgG1	Clinical Chemistry	Serum	Nephelometry
3547	IgG2	Clinical Chemistry	Serum	Nephelometry
3547	IgG3	Clinical Chemistry	Serum	Nephelometry
3547	IgG4	Clinical Chemistry	Serum	Nephelometry
3547	IgM	Clinical Chemistry	Serum	Nephelometry
3701	Immunelectrophoresis	Clinical Chemistry	Serum	Immunofixation Electrophoresis (IFE)
3701	Immunelectrophoresis	Clinical Chemistry	Urine	Immunofixation Electrophoresis (IFE)
3541	Insulin	Clinical Chemistry	Serum	Electrochemiluminescence Immunoassay (ECLIA)
3581	Ionized Calcium	Clinical Chemistry	Serum	Ion Selective Electrodes (ISE)
3123	Iron	Clinical Chemistry	Serum	Photometry
3547	Kappa Light Chains	Clinical Chemistry	Urine	Nephelometry
3547	Kappa Light Chains	Clinical Chemistry	Serum	Nephelometry
3123	Lactate	Clinical Chemistry	Serum	Photometry
3547	Lambda Light Chains	Clinical Chemistry	Serum	Nephelometry
3547	Lambda Light Chains	Clinical Chemistry	Urine	Nephelometry
3123	LDH	Clinical Chemistry	Serum	Enzymatic
3123	LDL Cholesterol	Clinical Chemistry	Serum	Enzymatic
4022	Lead	Clinical Chemistry	Whole Blood (EDTA)	Atomic Absorption Spectrometry (AAS)
3541	LH	Clinical Chemistry	Serum	Electrochemiluminescence Immunoassay (ECLIA)
3123	Lipase	Clinical Chemistry	Serum	Enzymatic
3547	Lipoprotein (a)	Clinical Chemistry	Serum	Nephelometry
3123	Lithium	Clinical Chemistry	Serum	Ion Selective Electrodes (ISE)
3541	Macroprolactin	Clinical Chemistry	Serum	Electrochemiluminescence Immunoassay (ECLIA)
3123	Magnesium	Clinical Chemistry	Spot Urine	Photometry
3123	Magnesium	Clinical Chemistry	Serum	Photometry
3123	Magnesium	Clinical Chemistry	24 Houred Urine	Photometry

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<b>SOP</b>	<b>Parameter</b>	<b>Subgroup</b>	<b>Sample Type</b>	<b>Test Method</b>
4231	Metanephrine	Clinical Chemistry	Spot Urine	High Performance Liquid Chromatography (HPLC)
4231	Metanephrine	Clinical Chemistry	24 Houred Urine	High Performance Liquid Chromatography (HPLC)
5060	Methemoglobin	Clinical Chemistry	Blood	Photometry
3547	Microalbuminuria	Clinical Chemistry	24 Houred Urine	Nephelometry
3547	Microalbuminuria	Clinical Chemistry	Spot Urine	Nephelometry
3658	Neonatal TSH	Clinical Chemistry	Blood paper	Fluorometric
4231	Noradrenaline	Clinical Chemistry	Plasma (EDTA)	High Performance Liquid Chromatography (HPLC)
4231	Noradrenaline	Clinical Chemistry	Spot Urine	High Performance Liquid Chromatography (HPLC)
4231	Noradrenaline	Clinical Chemistry	24 Houred Urine	High Performance Liquid Chromatography (HPLC)
4231	Normetanephrine	Clinical Chemistry	24 Houred Urine	High Performance Liquid Chromatography (HPLC)
4231	Normetanephrine	Clinical Chemistry	Spot Urine	High Performance Liquid Chromatography (HPLC)
3541	NSE	Clinical Chemistry	Serum	Electrochemiluminescence Immunoassay (ECLIA)
3584	Osmolality	Clinical Chemistry	Serum	DND
3584	Osmolality	Clinical Chemistry	Urine	DND
3534	Ostase (BAP)	Clinical Chemistry	Serum	Chemiluminescence Immunoassay
3541	Osteocalcin	Clinical Chemistry	Serum	Electrochemiluminescence Immunoassay (ECLIA)
3154	Oxalate	Clinical Chemistry	24 Houred Urine	Photometry
3154	Oxalate	Clinical Chemistry	Spot Urine	Photometry
3123	Phenobarbital	Clinical Chemistry	Serum	Fluorosecence Polarisation Immunoassay (FPIA)
3656	Phenylketonuria Screening Test	Clinical Chemistry	Blood paper	Fluorometric
3123	Phenytoin (Diphenylhydantoin)	Clinical Chemistry	Serum	Fluorosecence Polarisation Immunoassay (FPIA)
3123	Phosphorus	Clinical Chemistry	Serum	Photometry
3123	Phosphorus	Clinical Chemistry	Urine	Photometry
3123	Potassium	Clinical Chemistry	Urine	Ion Selective Electrodes (ISE)
3123	Potassium	Clinical Chemistry	Serum	Ion Selective Electrodes (ISE)
3541	Progesterone	Clinical Chemistry	Serum	Electrochemiluminescence Immunoassay (ECLIA)
3541	Prolactin (PRL)	Clinical Chemistry	Serum	Electrochemiluminescence Immunoassay (ECLIA)
3123	Prostatic Acid Phosphatase (PAP)	Clinical Chemistry	Serum	Enzymatic

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<b>SOP</b>	<b>Parameter</b>	<b>Subgroup</b>	<b>Sample Type</b>	<b>Test Method</b>
3707	Protein Electrophoresis	Clinical Chemistry	Serum	Capillary Electrophoresis
3123	Pseudocholinesterase	Clinical Chemistry	Serum	Enzymatic
3541	PTH; intact	Clinical Chemistry	Plasma (EDTA)	Electrochemiluminescence Immunoassay (ECLIA)
3687	Reducing Substances	Clinical Chemistry	Urine	Reducing Reaction
3687	Reducing Substances	Clinical Chemistry	Feces	Reducing Reaction
3547	Rheumatoid factor (RF)	Clinical Chemistry	Serum	Nephelometry
3784	Screening Test for First Trimester Down's Syndrome	Clinical Chemistry	Serum	IF (Immunoflorosans Assay)
4939	Screening Test for Second Trimester Down's Sendrome	Clinical Chemistry	Serum	IF (Immunoflorosans Assay)
4012	Selenium	Clinical Chemistry	Serum	Atomic Absorption Spectrometry (AAS)
3123	SGOT (AST)	Clinical Chemistry	Serum	Enzymatic
3123	SGPT (ALT)	Clinical Chemistry	Serum	Enzymatic
3541	SHBG	Clinical Chemistry	Serum	Electrochemiluminescence Immunoassay (ECLIA)
3123	Sodium	Clinical Chemistry	Serum	Ion Selective Electrodes (ISE)
3123	Sodium	Clinical Chemistry	24 Houred Urine	Ion Selective Electrodes (ISE)
3547	Soluble Transferrin Receptor	Clinical Chemistry	Serum	Nephelometry
3741	Somatomedin C (IGF-I)	Clinical Chemistry	Serum	Immunoradiometric Assay (IRMA)
3541	T3 (Triiodothyronine)	Clinical Chemistry	Serum	Electrochemiluminescence Immunoassay (ECLIA)
3541	T4 (Thyroxine)	Clinical Chemistry	Serum	Electrochemiluminescence Immunoassay (ECLIA)
3608	Theophylline	Clinical Chemistry	Serum	Fluoresecence Polarisation Immunoassay (FPIA)
3541	Thyroglobulin (hTG)	Clinical Chemistry	Serum	Electrochemiluminescence Immunoassay (ECLIA)
3541	Thyroid Peroxidase Antibody	Clinical Chemistry	Serum	Electrochemiluminescence Immunoassay (ECLIA)
3123	Total Bilirubin	Clinical Chemistry	Serum	Photometry
3123	Total Cholesterol	Clinical Chemistry	Serum	Enzymatic
3123	Total Iron Binding Capacity	Clinical Chemistry	Serum	Photometry
3123	Total Lipid	Clinical Chemistry	Serum	Photometry
3123	Total Protein	Clinical Chemistry	Serum	Photometry
3123	Total Protein	Clinical Chemistry	24 Houred Urine	Photometry
3123	Total Protein	Clinical Chemistry	CSF	Photometry



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<b>SOP</b>	<b>Parameter</b>	<b>Subgroup</b>	<b>Sample Type</b>	<b>Test Method</b>
3123	Total Protein	Clinical Chemistry	Spot Urine	Photometry
3541	Total PSA	Clinical Chemistry	Serum	Electrochemiluminescence Immunoassay (ECLIA)
3541	Total Testosterone	Clinical Chemistry	Serum	Electrochemiluminescence Immunoassay (ECLIA)
3547	Transferrin	Clinical Chemistry	Serum	Nephelometry
3123	Triglycerides	Clinical Chemistry	Serum	Enzymatic
3793	Troponin T (TnT)	Clinical Chemistry	Blood	Enzyme Immunoassay
3541	TSH	Clinical Chemistry	Serum	Electrochemiluminescence Immunoassay (ECLIA)
3123	Urea	Clinical Chemistry	Serum	Enzymatic
3123	Urea	Clinical Chemistry	24 Houred Urine	Enzymatic
3123	Urea Clerance	Clinical Chemistry	Serum/Urine	Enzymatic
3123	Valproic Acid	Clinical Chemistry	Serum	Fluorescence Polarisation Immunoassay (FPIA)
4231	Vanilylmandelic Acid (VMA)	Clinical Chemistry	Urine	High Performance Liquid Chromatography (HPLC)
3541	Vitamin B12	Clinical Chemistry	Serum	Electrochemiluminescence Immunoassay (ECLIA)
3123	VLDL Cholesterol	Clinical Chemistry	Serum	Enzymatic
4011	Zinc	Clinical Chemistry	Serum	Atomic Absorption Spectrometry (AAS)

**1.2 Hematology**

<b>SOP</b>	<b>Parameter</b>	<b>Subgroup</b>	<b>Sample Type</b>	<b>Test Method</b>
3571	Cell count	Hematology	CSF	Microscopy
3571	Cell count	Hematology	Material	Microscopy
3782	Erythrocyte Sedimentation Rate	Hematology	Whole Blood (citrate)	-
3569	Hemoglobin H	Hematology	Whole Blood (EDTA)	Microscopy
3568-3297	Hemogram	Hematology	Whole Blood (EDTA)	Flow Cytometry (FC) and MICR
3568	Leukocyte Differential	Hematology	Whole Blood (EDTA)	Microscopy
3789	Occult blood	Hematology	Feces	Guiaac
3297	Platelet Count	Hematology	Whole Blood (EDTA)	Flow Cytometry (FC)
3297	Reticulocyte Count	Hematology	Whole Blood (EDTA)	Flow Cytometry (FC)
3570	Sickling Test	Hematology	Whole Blood (EDTA)	Microscopy

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SOP	Parameter	Subgroup	Sample Type	Test Method
3297	Whole Blood Count	Hematology	Whole Blood (EDTA)	Flow Cytometry (FC)

**1.3 Hemostaseology**

SOP	Parameter	Subgroup	Sample Type	Test Method
3576	Anti-Thrombin III (AT III)	Hemostaseology	Serum	Coagulometry
3576	APC Resistance (APC-R)	Hemostaseology	Plasma (citrate)	Coagulometry
3576	aPTT	Hemostaseology	Plasma (citrate)	Coagulometry
3486	D-Dimer	Hemostaseology	Serum	Enzyme Linked Fluorescence Assay (ELFA)
3576	Factor II Activity	Hemostaseology	Plasma (citrate)	Coagulometry
3576	Factor IX Activity	Hemostaseology	Plasma (citrate)	Coagulometry
3576	Factor V Activity	Hemostaseology	Plasma (citrate)	Coagulometry
3576	Factor VII Activity	Hemostaseology	Plasma (citrate)	Coagulometry
3576	Factor VIII Activity	Hemostaseology	Plasma (citrate)	Coagulometry
3576	Fibrinogen	Hemostaseology	Plasma (citrate)	Coagulometry
3576	Lupus Anticoagulant (LA)	Hemostaseology	Plasma (citrate)	Coagulometry
3576	Protein C Activity	Hemostaseology	Plasma (citrate)	Coagulometry
3852	Protein C Quantity	Hemostaseology	Plasma (citrate)	Radial Immun Diffusion (RID)
3576	Protein S Activity	Hemostaseology	Plasma (citrate)	Coagulometry
3854	Protein S Quantity	Hemostaseology	Plasma (citrate)	Radial Immun Diffusion (RID)
3576	Prothrombin Time (PT)	Hemostaseology	Plasma (citrate)	Coagulometry
3576	Thrombin Time	Hemostaseology	Plasma (citrate)	Coagulometry
3486	von Willebrand Factor Antigen	Hemostaseology	Plasma (citrate)	Enzyme Linked Fluorescence Assay (ELFA)

**2 Immunology**

**2.1 Immunology**

SOP	Parameter	Subgroup	Sample Type	Test Method
4557	Absolut CD4	Immunology	Whole Blood (EDTA/Heparin)	Flow Cytometry (FC)
4557	Acute Leukemia Panel (Standard)	Immunology	Whole Blood (EDTA/Heparin), Bone Marrow Asp (EDTA/Heparin), Body fluids	Flow Cytometry (FC)
3195	AMA Subclasses	Immunology	Serum	Immunoblot (IB)
3706	ANCA	Immunology	Serum	Indirect Immunofluorescence Test (IFT)
3674	Anti-Cardiolipin IgG Antibody	Immunology	Serum	Enzyme Linked Immunosorbent Assay (ELISA)

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3675	Anti-Cardiolipin IgM Antibody	Immunology	Serum	Enzyme Linked Immunosorbent Assay (ELISA)
2546	Anti-CCP	Immunology	Serum	Enzyme Linked Immunosorbent Assay (ELISA)
3151	Anti-Centromere Antibody	Immunology	Serum	Indirect Immunofluorescence Test (IFT)
3681	Anti-dsDNA (ELISA)	Immunology	Serum	Enzyme Linked Immunosorbent Assay (ELISA)
3731	Anti-ENA Jo-1	Immunology	Serum	Immunoblot (IB)
3731	Anti-ENA Scl 70	Immunology	Serum	Immunoblot (IB)
3731	Anti-ENA Sm-Antigen	Immunology	Serum	Immunoblot (IB)
3731	Anti-ENA SS-A (Ro)	Immunology	Serum	Immunoblot (IB)
3731	Anti-ENA SS-B (La)	Immunology	Serum	Immunoblot (IB)
3731	Anti-ENA U1-RNP	Immunology	Serum	Immunoblot (IB)
3691	Anti-Endomysium IgA Antibody	Immunology	Serum	Enzyme Linked Immunosorbent Assay (ELISA)
3692	Anti-Endomysium IgG Antibody	Immunology	Serum	Enzyme Linked Immunosorbent Assay (ELISA)
3251	Anti-GAD Antibody	Immunology	Serum	Radioimmunoassay (RIA)
3695	Anti-Gliadin IgA Antibody	Immunology	Serum	Enzyme Linked Immunosorbent Assay (ELISA)
3696	Anti-Gliadin IgG Antibody	Immunology	Serum	Enzyme Linked Immunosorbent Assay (ELISA)
3731	Anti-Histon Antibody	Immunology	Serum	Immunoblot (IB)
3606	Anti-Insulin Antibody (AIA)	Immunology	Serum	Radioimmunoassay (RIA)
3708	Anti-Intrinsic Factor Antibody	Immunology	Serum	Indirect Immunofluorescence Test (IFT)
3711	Anti-Islet Cell Antibody (ICA)	Immunology	Serum	Indirect Immunofluorescence Test (IFT)
3734	Anti-LC1 Antibody	Immunology	Serum	Immunoblot (IB)
3734	Anti-LKM1 Antibody	Immunology	Serum	Immunoblot (IB)
3151	Anti-Mitochondrial Antibody (AMA)	Immunology	Serum	Indirect Immunofluorescence Test (IFT)
3706	Anti-MPO Antibody	Immunology	Serum	Indirect Immunofluorescence Test (IFT)
3742	Anti-Neuron Nuclei Antibody (Anti-Hu)	Immunology	CSF	WB (Western Blot)
3742	Anti-Neuron Nuclei Antibody (Anti-Hu)	Immunology	Serum	WB (Western Blot)
3742	Anti-Neuron Nuclei Antibody (Anti-Ri)	Immunology	CSF	WB (Western Blot)
3742	Anti-Neuron Nuclei Antibody (Anti-Ri)	Immunology	Serum	WB (Western Blot)
4557	Anti-Neutrophil Antibody (IgG)	Immunology	Whole Blood (EDTA/Heparin)	Flow Cytometry (FC)
3151	Antinuclear Antibody (ANA)	Immunology	Serum	Indirect Immunofluorescence Test (IFT)

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3710	Anti-Ovarial Antibody	Immunology	Serum	Indirect Immunofluorescence Test (IFT)
3708	Anti-Parietal Cell Antibody	Immunology	Serum	Indirect Immunofluorescence Test (IFT)
3706	Anti-Proteinase 3 Antibody	Immunology	Serum	Indirect Immunofluorescence Test (IFT)
3742	Anti-Purkinje Cell Antibody (Anti-Yo)	Immunology	CSF	WB (Western Blot)
3742	Anti-Purkinje Cell Antibody (Anti-Yo)	Immunology	Serum	WB (Western Blot)
3731	Anti-Ribosomal Antibody	Immunology	Serum	Immunoblot (IB)
3709	Anti-Saccharomyces cerevisiae IgA Antibody	Immunology	Serum	Indirect Immunofluorescence Test (IFT)
3709	Anti-Saccharomyces cerevisiae IgG Antibody	Immunology	Serum	Indirect Immunofluorescence Test (IFT)
3734	Anti-SLA Antibody	Immunology	Serum	Immunoblot (IB)
4557	Anti-Thrombocytes Antibodies	Immunology	Whole Blood (EDTA/Heparin)	Flow Cytometry (FC)
3693	Anti-Transglutaminase IgA Antibody	Immunology	Serum	Enzyme Linked Immunosorbent Assay (ELISA)
3694	Anti-Transglutaminase IgG Antibody	Immunology	Serum	Enzyme Linked Immunosorbent Assay (ELISA)
3089	Anti-TSH Receptor Antibody (TRAK)	Immunology	Serum	RRA (Radio Receptor Antibody)
4557	B-Cell Lymphoma Immunophenotyping Panel	Immunology	Whole Blood (EDTA/Heparin)	Flow Cytometry (FC)
3597	Beta-2-Glycoprotein I IgG Antibody	Immunology	Serum	Enzyme Linked Immunosorbent Assay (ELISA)
3597	Beta-2-Glycoprotein I IgM Antibody	Immunology	Serum	Enzyme Linked Immunosorbent Assay (ELISA)
4557	Burkitt Lymphoma Immunophenotyping Panel	Immunology	Whole Blood (EDTA/Heparin)	Flow Cytometry (FC)
3849	C1q-Esterase Inhibitor Quantity	Immunology	Plasma	Radial Immun Diffusion (RID)
3853	C2 Complement	Immunology	Serum	Radial Immun Diffusion (RID)
3706	c-ANCA	Immunology	Serum	Indirect Immunofluorescence Test (IFT)
4557	CD34 (Stem Cell Marker)	Immunology	Whole Blood (EDTA/Heparin), Bone Marrow Asp. (EDTA/Heparin), Body fluids	Flow Cytometry (FC)
4557	CD4 (T-Helper Lymphocyte)	Immunology	Whole Blood (EDTA/Heparin), body fluids	Flow Cytometry (FC)

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<b>SOP</b>	<b>Parameter</b>	<b>Subgroup</b>	<b>Sample Type</b>	<b>Test Method</b>
4557	CD55/CD59	Immunology	Whole Blood (EDTA/Heparin), Bone Marrow Asp. (EDTA/Heparin),	Flow Cytometry (FC)
4557	CD8 (T Supressor Lymphocyte)	Immunology	Blood, Bone Marrow Asp, Body fluids	Flow Cytometry (FC)
4557	Chemotaxis Index	Immunology	Whole Blood (Heparin)	Flow Cytometry (FC)
4557	DNA Ploidy Analysis	Immunology	Whole Blood (EDTA/Heparin), bone marrow (EDTA/Heparin), fresh and paraffinized tissue, body fluids	Flow Cytometry (FC)
3731	ENA Prophil (IB)	Immunology	Serum	Immunoblot (IB)
3732	FTA-ABS IgG Antibody	Immunology	Serum	Indirect Immunofluorescence Test (IFT)
3732	FTA-ABS IgM Antibody	Immunology	Serum	Indirect Immunofluorescence Test (IFT)
4557	HLA B27 (FC)	Immunology	Whole Blood (EDTA/Heparin)	Flow Cytometry (FC)
4557	HLA B7 (FC)	Immunology	Whole Blood (EDTA/Heparin)	Flow Cytometry (FC)
3856	IgA1	Immunology	Serum	Radial Immun Diffusion (RID)
3856	IgA2	Immunology	Serum	Radial Immun Diffusion (RID)
3848	IgD	Immunology	Serum	Radial Immun Diffusion (RID)
3534	IgE	Immunology	Serum	Chemiluminescence Immunoassay
5018	Leucocyte Alkaline Phosphatase	Immunology	Whole Blood (Heparin)	Flow Cytometry (FC)
4557	Lymphocyte subsets	Immunology	Whole Blood (EDTA/Heparin), Bone Marrow Asp. (EDTA/Heparin), Body fluids	Flow Cytometry (FC)
4557	Lymphoma Immunophenotyping Panel (Standard)	Immunology	Whole Blood (EDTA/Heparin), Bone Marrow Asp. (EDTA/Heparin), Body fluids	Flow Cytometry (FC)
4557	Myeloma Immunophenotyping Panel	Immunology	Whole Blood (EDTA/Heparin), Bone Marrow Asp. (EDTA/Heparin)	Flow Cytometry (FC)
4557	Opsonization Test	Immunology	Whole Blood (Heparin)	Flow Cytometry (FC)
4557	Oxidative Burst Testi	Immunology	Whole Blood (Heparin)	Flow Cytometry (FC)

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<b>SOP</b>	<b>Parameter</b>	<b>Subgroup</b>	<b>Sample Type</b>	<b>Test Method</b>
3706	p-ANCA	Immunology	Serum	Indirect Immunofluorescence Test (IFT)
4557	Phagocytic Index	Immunology	Whole Blood (Heparin)	Flow Cytometry (FC)
3151	Smooth Muscle Antibody (ASMA)	Immunology	Serum	Indirect Immunofluorescence Test (IFT)
4557	Sperm Chromatine Structure Assay (SCSA)	Immunology	Sperm	Flow Cytometry (FC)
4557	T Cell Lymphoma Paneli	Immunology	Whole Blood (EDTA/Heparin), Bone Marrow Asp. (EDTA/Heparin), Body fluids	Flow Cytometry (FC)
4557	T Cell Subsets Immunophenotyping (FC)	Immunology	Whole Blood (EDTA/Heparin), Bone Marrow Asp. (EDTA/Heparin), Body fluids	Flow Cytometry (FC)
4557	TCR-alfa-beta	Immunology	Whole Blood (EDTA/Heparin), Bone Marrow Asp. (EDTA/Heparin), Body fluids	Flow Cytometry (FC)
4557	TCR-gamma-delta	Immunology	Whole Blood (EDTA/Heparin), Bone Marrow Asp. (EDTA/Heparin), Body fluids	Flow Cytometry (FC)
4557	Total B Lymphocyte (CD19)	Immunology	Whole Blood (EDTA/Heparin), Bone Marrow Asp. (EDTA/Heparin), Body fluids	Flow Cytometry (FC)
4557	Total T Lenfosit (CD3)	Immunology	Whole Blood (EDTA/Heparin), Bone Marrow Asp. (EDTA/Heparin), Body fluids	Flow Cytometry (FC)
4557	Trombocyte Crossmatch	Immunology	Trombocyte pack, patient and donor whole blood samples	Flow Cytometry (FC)
4557	Viability Count	Immunology	Whole Blood (EDTA/Heparin), Bone Marrow Asp. (EDTA/Heparin), Body fluids, cryopreserved cell samples	Flow Cytometry (FC)

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SOP	Parameter	Subgroup	Sample Type	Test Method
4557	zap-70 (Intracellular Marker)	Immunology	Whole Blood (EDTA/Heparin), Bone Marrow Asp. (EDTA/Heparin), Body fluids	Flow Cytometry (FC)

### 2.2 Allergology

SOP	Parameter	Subgroup	Sample Type	Test Method
4615	Adult Food Allergen Panel	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
3714	Eosinophilic Cationic Protein	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	Inhalant Allergen Panel	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	Pediatric Food Allergen Panel	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	Phadiatop	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE d1 Dermatophagoides pteronyssinus	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE d2 Dermatophagoides farinae	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE e1 Cat Epithelium and Dander	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE e2 Dog Epithelium	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE e5 Dog Dander	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE e78 Budgerigar Feathers	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE ex1 Animal Epidermal Mix 1	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE ex71 Feather Mix 1	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE ex72 Bird Cage Mix	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE f1 Egg White	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE f13 Peanut	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE f14 Soya Bean	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE f17 Hazel Nut	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE f2 Cow's Milk	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE f204 Trout	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE f212 Mushroom	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE f23 Crab	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)

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<b>SOP</b>	<b>Parameter</b>	<b>Subgroup</b>	<b>Sample Type</b>	<b>Test Method</b>
4615	SplgE f237 Apricot	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE f24 Shrimp	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE f242 Cherry	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE f245 Egg	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE f247 Honey	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE f25 Tomato	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE f256 Walnut	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE f27 Beef Meat	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE f3 Fish cod	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE f33 Orange	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE f4 Wheat Flour	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE f40 Tuna	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE f44 Strawberry	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE f5 Rye Flour	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE f75 Egg Yolk	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE f76 Alpha-Lactalbumin	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE f77 Beta-Lactoglobulin	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE f78 Kasein (Casein)	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE f79 Gluten (Gliadin)	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE f83 Chicken Meat	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE f84 Kiwi	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE f87 Melon	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE f88 Mutton Meat	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE f92 Banana	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE f93 Cacao	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE fx1 Nuts	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE fx10 Food Mix 4 (Meats)	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE fx13 Vegetable Mix 1	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE fx14 Vegetable Mix 2	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE fx15 Fruit Mix 1	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)



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<b>SOP</b>	<b>Parameter</b>	<b>Subgroup</b>	<b>Sample Type</b>	<b>Test Method</b>
4615	SplgE fx16 Fruit Mix 2	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE fx2 Seafoods	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE fx20 Food Mix 9 (Flours)	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE fx21 Fruit Mix 4	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE fx3 Cereals/Flours	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE fx5 Pediatric Food Mix	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE fx7 Food mix 1 (Vegetables)	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE fx72 Spice Mix 3	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE fx8 Food Mix 2	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE g1 Sweet Vernal Grass	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE g12 Cultivated Rye Grass	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE g15 Cultivated Wheat Grass	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE g2 Bermuda Grass	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE g202 Maize Grass	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE g3 Cocksfoot Grass	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE g6 Timothy Grass	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE gx1 Grasses (Early flowering)	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE gx2 Grasses	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE gx3 Grasses	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE gx4 Grasses (Late flowering)	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE h1 Greer Labs.,Inc	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE h2 Hollister-Stier Labs.	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE hx2 House Dust Mix	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE i1 Honey Bee Venom	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE i3 Common Wasp/Yellow Jacket Venom	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE i6 Cockroach, German	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE k82 Latex	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE m3 Aspergillus fumigatus	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)

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<b>SOP</b>	<b>Parameter</b>	<b>Subgroup</b>	<b>Sample Type</b>	<b>Test Method</b>
4615	SplgE m6 Alternaria alternata (A. tenius)	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE mx1 Mold Mix 1	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE mx2 Mold Mix 2	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE p2 Echinococcus	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE pax3 Grass Pollens and Molds	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE t16 White Pine	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE t9 Olive Tree	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE tx1 Tree Pollen Mix	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE tx2 Tree Pollen Mix	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE tx4 Tree Pollen Mix	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE tx5 Tree Pollen Mix	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE tx6 Tree Pollen Mix	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE tx7 Tree Pollen Mix	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE tx9 Tree Pollen Mix	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE w1 Common Ragweed	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE w19 Wall Pellitory	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE w21 Wall Pellitory; Parietaria judaica	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE wx1 Weed Pollens/Flowers Mix 1	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE wx3 Weed Pollens/Flowers Mix 3	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)
4615	SplgE wx5 Weed Pollens/Flowers Mix 4	Allergology	Serum	Fluoroenzyme Immunoassay (FEIA)

**3 Microbiology**

**3.1 Bacteriology**

<b>SOP</b>	<b>Parameter</b>	<b>Subgroup</b>	<b>Sample Type</b>	<b>Test Method</b>
3818-3820-3368-4115-3822	Blood Culture	Bacteriology	Blood	Bactec
3571	CSF analysis	Bacteriology	CSF	Enzymatic and Microscopic Examination

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SOP	Parameter	Subgroup	Sample Type	Test Method
3818-3820-3368-4115-3822	Culture and Antimicrobial Susceptibility Testing	Bacteriology	Material	Conventional Disc Diffusion Automated System (DADE BEHRING)
3573	Nasal Smear	Bacteriology	Nose secretion	Microscopy
3832	Ureaplasma/Mycoplasma Culture	Bacteriology	Material	Mycoplasma Selective Medium
5014	Urine Analysis	Bacteriology	Urine	Microscopy

### 3.2 Infection serology

SOP	Parameter	Subgroup	Sample Type	Test Method
3403	Adenovirus Antigen	Infection Serology	Feces	Enzyme Immunoassay
3608	Anti-HAV IgM	Infection Serology	Serum	Microparticle Enzyme Immunoassay (MEIA)
3608	Anti-HAV; total	Infection Serology	Serum	Microparticle Enzyme Immunoassay (MEIA)
3608	Anti-HBc IgM	Infection Serology	Serum	Microparticle Enzyme Immunoassay (MEIA)
3608	Anti-HBc; total	Infection Serology	Serum	Microparticle Enzyme Immunoassay (MEIA)
3608	Anti-HBe; total	Infection Serology	Serum	Microparticle Enzyme Immunoassay (MEIA)
3608	Anti-HBs	Infection Serology	Serum	Microparticle Enzyme Immunoassay (MEIA)
3534	Anti-HBs (Chemiluminescence)	Infection Serology	Serum	Chemiluminescence Immunoassay
3760	Anti-HCV	Infection Serology	Serum	Immunoblot (IB)
3608	Anti-HCV	Infection Serology	Serum	Microparticle Enzyme Immunoassay (MEIA)
3294	Anti-HCV (ELISA, 4th generation)	Infection Serology	Serum	Enzyme Linked Immunosorbent Assay (ELISA)
2729	Anti-HDV	Infection Serology	Serum	Enzyme Immunoassay
3678	Borrelia burgdorferi IgG (EIA)	Infection Serology	Serum	Enzyme Linked Immunosorbent Assay (ELISA)
3745	Borrelia burgdorferi IgG (WB)	Infection Serology	Serum	WB (Western Blot)
3680	Borrelia burgdorferi IgM (EIA)	Infection Serology	Serum	Enzyme Linked Immunosorbent Assay (ELISA)
3748	Borrelia burgdorferi IgM (WB)	Infection Serology	Serum	WB (Western Blot)
3699	Brucella abortus IgG Antibody	Infection Serology	Serum	Enzyme Linked Immunosorbent Assay (ELISA)

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<b>SOP</b>	<b>Parameter</b>	<b>Subgroup</b>	<b>Sample Type</b>	<b>Test Method</b>
3698	Brucella abortus IgM Antibody	Infection Serology	Serum	Enzyme Linked Immunosorbent Assay (ELISA)
3728	Chlamydia pneumoniae IgA Antibody	Infection Serology	Serum	Indirect Immunofluorescence Test (IFT)
3728	Chlamydia pneumoniae IgG Antibody	Infection Serology	Serum	Indirect Immunofluorescence Test (IFT)
3728	Chlamydia pneumoniae IgM Antibody	Infection Serology	Serum	Indirect Immunofluorescence Test (IFT)
3486	Chlamydia trachomatis Antigen	Infection Serology	Material	Enzyme Linked Fluorescence Assay (ELFA)
3729	Chlamydia trachomatis IgA Antibody	Infection Serology	Serum	Indirect Immunofluorescence Test (IFT)
3729	Chlamydia trachomatis IgG Antibody	Infection Serology	Serum	Indirect Immunofluorescence Test (IFT)
3729	Chlamydia trachomatis IgM Antibody	Infection Serology	Serum	Indirect Immunofluorescence Test (IFT)
3803	Clostridium Difficile Toxin A+B	Infection Serology	Feces	Enzyme Linked Immunosorbent Assay (ELISA)
3486	CMV IgG Antibody	Infection Serology	Serum	Enzyme Linked Fluorescence Assay (ELFA)
3486	CMV IgM Antibody	Infection Serology	Serum	Enzyme Linked Fluorescence Assay (ELFA)
5019	Cold agglutinin test	Infection Serology	Serum	Agglutination Test
3595	EBV Profile	Infection Serology	Serum	Indirect Immunofluorescence Test (IFT)
3697	EBV-EBNA IgG Antibody	Infection Serology	Serum	Enzyme Linked Immunosorbent Assay (ELISA)
3666	EBV-VCA IgG Antibody	Infection Serology	Serum	Enzyme Linked Immunosorbent Assay (ELISA)
3667	EBV-VCA IgM Antibody	Infection Serology	Serum	Enzyme Linked Immunosorbent Assay (ELISA)
3575	Echinococcus granulosus Antibody	Infection Serology	Serum	Indirect Hemagglutination (IHA)
3730	Echinococcus granulosus IgG Antibody	Infection Serology	Serum	Indirect Immunofluorescence Test (IFT)
3730	Echinococcus granulosus IgM Antibody	Infection Serology	Serum	Indirect Immunofluorescence Test (IFT)
5006	Entamoeba histolytica Antibody	Infection Serology	Serum	Agglutination Test
4205	Entamoeba histolytica Antigen	Infection Serology	Feces	Enzyme Linked Immunosorbent Assay (ELISA)
4206	Giardia intestinalis Antigen	Infection Serology	Feces	Enzyme Linked Immunosorbent Assay (ELISA)
4985	Gruber Widal Test	Infection Serology	Serum	Agglutination Test

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<b>SOP</b>	<b>Parameter</b>	<b>Subgroup</b>	<b>Sample Type</b>	<b>Test Method</b>
3608	HBeAg	Infection Serology	Serum	Micropartical Enzyme Immunoassay (MEIA)
3608	HBsAg	Infection Serology	Serum	Micropartical Enzyme Immunoassay (MEIA)
3534	HBsAg (Chemiluminescence)	Infection Serology	Serum	Chemiluminescence Immunoassay
2648	Helicobacter pylori Antigen	Infection Serology	Feces	Enzyme Linked Immunosorbent Assay (ELISA)
3663	Helicobacter pylori IgA Antibody	Infection Serology	Serum	Enzyme Linked Immunosorbent Assay (ELISA)
3664	Helicobacter pylori IgG Antibody	Infection Serology	Serum	Enzyme Linked Immunosorbent Assay (ELISA)
3534	HIV (1&2) Antibody (Chemiluminescence)	Infection Serology	Serum	Chemiluminescence Immunoassay
3608	HIV (1&2) Antibody/Antigen	Infection Serology	Serum	Micropartical Enzyme Immunoassay (MEIA)
3668	HSV Type 1 IgG Antibody	Infection Serology	Serum	Enzyme Linked Immunosorbent Assay (ELISA)
3669	HSV Type 1 IgM Antibody	Infection Serology	Serum	Enzyme Linked Immunosorbent Assay (ELISA)
3672	HSV Type 2 IgG Antibody	Infection Serology	Serum	Enzyme Linked Immunosorbent Assay (ELISA)
3670	HSV Type 2 IgM Antibody	Infection Serology	Serum	Enzyme Linked Immunosorbent Assay (ELISA)
3733	Legionella pneumophila Antibody	Infection Serology	Serum	Indirect Immunofluorescence Test (IFT)
3572	Lupus Erythematosus Cell	Infection Serology	Blood	Microscopy
3685	Measles IgG Antibody	Infection Serology	Serum	Enzyme Linked Immunosorbent Assay (ELISA)
3688	Measles IgM Antibody	Infection Serology	Serum	Enzyme Linked Immunosorbent Assay (ELISA)
3094	Monotest(Heterophile Antibody)	Infection Serology	Serum	Agglutination Test
3682	Mumps IgG Antibody	Infection Serology	Serum	Enzyme Linked Immunosorbent Assay (ELISA)
3684	Mumps IgM Antibody	Infection Serology	Serum	Enzyme Linked Immunosorbent Assay (ELISA)
3788	Rotavirus Antigen	Infection Serology	Feces	Enzyme Immunoassay
3638	RSV Antigen	Infection Serology	Material	Enzyme Immunoassay
3486	Rubella IgG Antibody	Infection Serology	Serum	Enzyme Linked Fluorescence Assay (ELFA)
3486	Rubella IgM Antibody	Infection Serology	Serum	Enzyme Linked Fluorescence Assay (ELFA)

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SOP	Parameter	Subgroup	Sample Type	Test Method
5229	Streptococcus pyogenes Antigen	Infection Serology	Throat swab	Enzyme Immunoassay
3486	Toxoplasma IgG Antibody	Infection Serology	Serum	Enzyme Linked Fluorescence Assay (ELFA)
3486	Toxoplasma IgG Avidity Index	Infection Serology	Serum	Enzyme Linked Fluorescence Assay (ELFA)
3486	Toxoplasma IgM Antibody	Infection Serology	Serum	Enzyme Linked Fluorescence Assay (ELFA)
2612	TPHA	Infection Serology	Serum	Indirect Hemagglutination (IHA)
3689	Varicella zoster IgG Antibody	Infection Serology	Serum	Enzyme Linked Immunosorbent Assay (ELISA)
3690	Varicella zoster IgM Antibody	Infection Serology	Serum	Enzyme Linked Immunosorbent Assay (ELISA)
2592	VDRL	Infection Serology	Serum	Agglutination Test
2592	VDRL	Infection Serology	CSF	Agglutination Test
3649	Weil Felix Reaction	Infection Serology	Serum	Agglutination Test
4986	Wright Test	Infection Serology	Serum	Agglutination Test
4986	Wright Test	Infection Serology	CSF	Agglutination Test
4989	Wright Test (2-Mercaptoethanol)	Infection Serology	Serum	Agglutination Test
4987	Wright Test with Coombs	Infection Serology	Serum	Agglutination Test

### 3.3 Molecular biology in infection diagnostics

SOP	Parameter	Subgroup	Sample Type	Test Method
3773	HBV DNA (PCR), quantitative	Molecular biology in infection diagnostics	Serum	Real Time PCR
3773	HCV RNA (PCR), Viral Load	Molecular biology in infection diagnostics	Serum	Real Time PCR

### 3.4 Mycology

SOP	Parameter	Subgroup	Sample Type	Test Method
3815	Direct Fungal Examination	Mycology	Material	Microscopy

**3.5 Parasitology**

SOP	Parameter	Subgroup	Sample Type	Test Method
3790	Cellophane Tape Preparation and Examination for Parasites	Parasitology	Cellophane Tape	Microscopy
3790	Feces Direct Microscopic Examination	Parasitology	Feces	Microscopy
3790	Parasitologic Microscopic Examination	Parasitology	Feces, Blood	Microscopy
3790	Parasitology examination	Parasitology	Feces	Microscopy

**4 Human Genetics**

SOP	Parameter	Subgroup	Sample Type	Test Method
3781	Factor II Mutation (G 20210 A)	Human Genetics	Whole Blood (EDTA)	Polymerase Chain Reaction (PCR)
3781	Factor V Leiden Mutation (Q506)	Human Genetics	Whole Blood (EDTA)	Polymerase Chain Reaction (PCR)
3781	MTHFR Mutation (C 677 T)	Human Genetics	Whole Blood (EDTA)	Polymerase Chain Reaction (PCR)

**5 Transfusion medicine**

SOP	Parameter	Subgroup	Sample Type	Test Method
4106	Blood Group (Gel Centrifugation)	Immunological hematology	Whole Blood (EDTA)	Gel Centrifugation
3631	Direct Coombs	Immunological hematology	Whole Blood (EDTA)	Gel Centrifugation
3632	Indirect Coombs	Immunological hematology	Serum, Whole Blood (EDTA)	Gel Centrifugation

**Abbreviations used:**

SOP	Standard operating procedure
	of the Centro Laboratuvalari Merkez Analiz