

Accreditation Scope

Sila Hospital, NAM 010
Medical Laboratory, (ISO 15189:2012)

Sila, Dhafra Region – Abu Dhabi, UAE

Issue Date: 07-02-2021

Expiry Date: 06-02-2024

Issue No: 001

Medical Field	Biological Sample	Components / Analytes	Examination technique	Examination Procedure Reference
Medical microbiology	Urine	Urinalysis physical examination	Macroscopy	ADH-SL-LAB-SOP-01-032- SOP for Urine Routine Analysis
Medical microbiology	Urine	Sediment analysis	Microscopy	ADH-SL-LAB-SOP-01-028- SOP for Urine Analyzer Cobas U411
Medical microbiology	Urine	PH	Reflectance photometry	ADH-SL-LAB-SOP-01-028- SOP for Urine Analyzer Cobas U411
Medical microbiology	Urine	Specific Gravity	Reflectance photometry	ADH-SL-LAB-SOP-01-028- SOP for Urine Analyzer Cobas U411
Medical microbiology	Urine	Glucose	Reflectance photometry	ADH-SL-LAB-SOP-01-028- SOP for Urine Analyzer Cobas U411
Medical microbiology	Urine	Protein	Reflectance photometry	ADH-SL-LAB-SOP-01-028- SOP for Urine Analyzer Cobas U411
Medical microbiology	Urine	Blood/ Hemoglobin	Reflectance photometry	ADH-SL-LAB-SOP-01-028- SOP for Urine Analyzer Cobas U411
Medical microbiology	Urine	Leukocyte Esterase	Reflectance photometry	ADH-SL-LAB-SOP-01-028- SOP for Urine Analyzer Cobas U411
Medical microbiology	Urine	Nitrite	Reflectance photometry	ADH-SL-LAB-SOP-01-028- SOP for Urine Analyzer Cobas U411
Medical microbiology	Urine	Bilirubin	Reflectance photometry	ADH-SL-LAB-SOP-01-028- SOP for Urine Analyzer Cobas U411
Medical microbiology	Urine	Ketones	Reflectance photometry	ADH-SL-LAB-SOP-01-028- SOP for Urine Analyzer Cobas U411
Medical microbiology	Urine	Urobilinogen	Reflectance photometry	ADH-SL-LAB-SOP-01-028- SOP for Urine Analyzer Cobas U411

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Medical microbiology	Urine	Urine pregnancy test	Rapid chromatographic immunoassay	ADH-SL-LAB-SOP-01-033- SOP for Urine Pregnancy Test
Medical microbiology	Stool	Stool examination	Direct Microscopy	ADH-SL-LAB-SOP-01-031- SOP for Direct Examination of Faecal Specimens
Medical microbiology	Stool	Faecal occult blood	modified guaiac method	ADH-SL-LAB-SOP-01-030- SOP for HEMDETECT® Test for Occult Blood in Stool
Medical microbiology	Stool	H. pylori-direct test	Rapid lateral flow immune assay	ADH-SL-LAB-SOP-01-029- SOP for Helicobacter pylori Antigens detection in Stool Specimen
Immunology and Serology	Serum	Anti-streptolysin o (ASO) titer	Latex agglutination	ADH-SL-LAB-SOP-02-053- SOP for Antistreptolysin-O Test by Using ASO Latex Kit
Immunology and Serology	EDTA blood	Malaria antigen test	Rapid chromatographic immunoassay	ADH-SL-LAB-SOP-01-052- SOP for Malaria Test by Using NADAL Malaria 4 Species Test Kit
Immunology and Serology	Serum	Rheumatoid factor (RF)	Latex agglutination	ADH-SL-LAB-SOP-02-054 SOP for Rheumatoid Factor by Using RF Latex Kit
Hematology	Citrated plasma	Prothrombin time (PT)	Coagulation Reaction Detection Method (Scattered Light Detection Method)	ADH-SL-LAB-SOP-01-055- SOP for Manual Prothrombin Time (PT) Test by Innovin
Hematology	Citrated plasma	INR	International sensitivity index equation method	ADH-SL-LAB-SOP-01-055- SOP for Manual Prothrombin Time (PT)

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				Test by Innovin Prothrombin Time (PT) Test by Innovin.
Hematology	Citrated plasma	Activated partial thromboplastin time (aPTT)	Coagulation Reaction Detection Method (Scattered Light Detection Method)	ADH-SL-LAB-SOP-01-056- SOP for Partial Thromboplastin Time (PTT) by Actin FSL
Hematology	EDTA blood	Complete Blood Count.(CBC)	Fluorescence flow cytometric method, Cyanide free SLS-Method,	ADH-SL-LAB-SOP-01-057- SOP for Complete Blood Count by Using Sysmex XS800i
Hematology	EDTA blood	White blood cell count	Fluorescence flow cytometry method	ADH-SL-LAB-SOP-01-057- SOP for Complete Blood Count by Using Sysmex XS800i
Hematology	EDTA blood	Red blood cell count	DC sheath flow method	ADH-SL-LAB-SOP-01-057- SOP for Complete Blood Count by Using Sysmex XS800i
Hematology	EDTA blood	Hemoglobin	Cyanide-free SLS-Hemoglobin method	ADH-SL-LAB-SOP-01-057- SOP for Complete Blood Count by Using Sysmex XS800i
Hematology	EDTA blood	Hematocrit	DC sheath flow method	ADH-SL-LAB-SOP-01-057- SOP for Complete Blood Count by Using Sysmex XS800i
Hematology	EDTA blood	MCV	Calculated method	ADH-SL-LAB-SOP-01-057- SOP for Complete Blood Count by Using Sysmex XS800i

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Hematology	EDTA blood	MCH	Calculated method	ADH-SL-LAB-SOP-01-057- SOP for Complete Blood Count by Using Sysmex XS800i
Hematology	EDTA blood	MCHC	Calculated method	ADH-SL-LAB-SOP-01-057- SOP for Complete Blood Count by Using Sysmex XS800i
Hematology	EDTA blood	Platelet count	DC sheath flow method	ADH-SL-LAB-SOP-01-057- SOP for Complete Blood Count by Using Sysmex XS800i
Hematology	EDTA blood	MPV	Calculated method	ADH-SL-LAB-SOP-01-057- SOP for Complete Blood Count by Using Sysmex XS800i
Hematology	EDTA blood	RDW	Calculated method	ADH-SL-LAB-SOP-01-057- SOP for Complete Blood Count by Using Sysmex XS800i
Hematology	EDTA blood	Neut/Gran	Fluorescence flow cytometry method	ADH-SL-LAB-SOP-01-057- SOP for Complete Blood Count by Using Sysmex XS800i
Hematology	EDTA blood	Neut/Gran Absolute	Calculated method	ADH-SL-LAB-SOP-01-057- SOP for Complete Blood Count by Using Sysmex XS800i
Hematology	EDTA blood	Lymphs	Fluorescence flow cytometry method	ADH-SL-LAB-SOP-01-057- SOP for Complete Blood Count by Using Sysmex XS800i
Hematology	EDTA blood	Lymphs Absolute	Calculated method	ADH-SL-LAB-SOP-01-057- SOP for Complete Blood Count by Using Sysmex XS800i
Hematology	EDTA blood	Monocytes	Fluorescence flow cytometry method	ADH-SL-LAB-SOP-01-057- SOP for Complete Blood Count by Using Sysmex XS800i

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Hematology	EDTA blood	Monocytes Absolute	Calculated method	ADH-SL-LAB-SOP-01-057- SOP for Complete Blood Count by Using Sysmex XS800i
Hematology	EDTA blood	Eosinophils	Fluorescence flow cytometry method	ADH-SL-LAB-SOP-01-057- SOP for Complete Blood Count by Using Sysmex XS800i
Hematology	EDTA blood	Eosinophils Absolute	Calculated method	ADH-SL-LAB-SOP-01-057- SOP for Complete Blood Count by Using Sysmex XS800i
Hematology	EDTA blood	Basophils	Fluorescence flow cytometry method	ADH-SL-LAB-SOP-01-057- SOP for Complete Blood Count by Using Sysmex XS800i
Hematology	EDTA blood	Basophils Absolute	Calculated method	ADH-SL-LAB-SOP-01-057- SOP for Complete Blood Count by Using Sysmex XS800i
Hematology	Blood smear	Malaria examination by slide method	Direct Microscopy	ADH-SL-LAB-SOP-01-050- SOP for Malaria Parasites Examination (Slide Method)
Hematology	Citrated plasma	Qualitative G6PD	Enzyme chromatographic test	ADH-SL-LAB-SOP-01-060- SOP for Qualitative G6PD Test
Hematology	Whole blood (Citrate)	ESR	Westergren Method	ADH-SL-LAB-SOP-01-051- SOP for Erythrocyte Sedimentation Rate by Westergren Manual Method
Blood Bank	Serum/plasma	Blood grouping and Rh typing	Gel card technique	ADH-SL-LAB-SOP-01-015- SOP for ABO-Rh and Dweak Typing By Diamed and Manual Method
Blood Bank	Serum/plasma RBC	Cross matching	Gel card technique	ADH-SL-LAB-SOP-01-017- SOP for Crossmatch by Diamed and Manual Method

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Blood Bank	RBC	Direct Antiglobulin Test (DAT)	Gel card technique	ADH-SL-LAB-SOP-01-016- SOP for Direct Antiglobulin Test by DIAMED System Method and Manual Method
Blood Bank	Serum/plasma	Indirect Antiglobulin Test (IAT) (Antibody screen)	Gel card technique	ADH-SL-LAB-SOP-01-018- SOP for Antibody Screen using Diamed Method and Manual Method
Biochemistry	Serum/plasma	Sodium	Ion selective electrode	ADH-SL-LAB-SOP-01-069-Roche 9180 (AVL) Analyzer Run Procedures
Biochemistry	Serum/plasma	Potassium	Ion selective electrode	ADH-SL-LAB-SOP-01-069-Roche 9180 (AVL) Analyzer Run Procedures
Biochemistry	Serum/plasma	Chloride	Ion selective electrode	ADH-SL-LAB-SOP-01-069-Roche 9180 (AVL) Analyzer Run Procedures
Biochemistry	EDTA blood	Troponin I	fluorescence immunoassay	ADH-SL-LAB-SOP-01-076-SOP for Troponin I Test by Using Triage Meter PRO
Biochemistry	Serum/plasma	Urea	Kinetic test with urease and glutamate dehydrogenase	ADH-SL-LAB-SOP-01-100-SOP for Urea Test by using Cobas Integra 400
Biochemistry	Serum/plasma	Creatinine	Kinetic colorimetric assay based on the Jaffé method	ADH-SL-LAB-SOP-01-088-SOP for Creatinine Test by using Cobas Integra 400
Biochemistry	Serum/plasma	e GFR	Calculated method	ADH-SL-LAB-SOP-01-088-SOP for Creatinine Test by using Cobas Integra 400

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Medical Field	Biological Sample	Components / Analytes	Examination technique	Examination Procedure Reference
Biochemistry	Serum/plasma	Uric acid	Enzymatic colorimetric test Uricase	ADH-SL-LAB-SOP-01-101-SOP for Uric Acid Test by using Cobas Integra 400
Biochemistry	Urine	Albumin/creatinine ratio	Calculated method	ADH-SL-LAB-SOP-01-104-SOP for Urine Albumin-Creatinine Ratio by using Cobas Integra 400
Biochemistry	Urine	Creatinine	Kinetic colorimetric assay based on the Jaffé method	ADH-SL-LAB-SOP-01-088-SOP for Creatinine Test by using Cobas Integra 400
Biochemistry	Na-fluoride plasma	Lactate	Enzymatic colorimetric method.	ADH-SL-LAB-SOP-01-106-SOP for Lactate Test Using Cobas Integra 400
Biochemistry	Serum/plasma	Glucose	Enzymatic reference method with hexokinase	ADH-SL-LAB-SOP-01-092-SOP for Glucose Test by using Cobas Integra 400
Biochemistry	Serum/plasma	CRP	Particle-enhanced immunoturbidimetric assay	ADH-SL-LAB-SOP-01-089-SOP for CRP Test by using Cobas Integra 400
Biochemistry	Serum/plasma	Calcium(T)	NM-BAPTA	ADH-SL-LAB-SOP-01-083-SOP for Calcium Test by using Cobas Integra 400
Biochemistry	Serum/plasma	Phosphorous	Endpoint method with sample blanking	ADH-SL-LAB-SOP-01-096-SOP for Phosphorus Test Using Cobas Integra 400
Biochemistry	Serum/plasma	Glucose tolerance test	Glucose HK Enzymatic reference method with hexokinase	ADH-SL-LAB-SOP-01-110- SOP for Oral Glucose Tolerance Test (OGTT) Procedure
Biochemistry	Serum/plasma	Ck	UV-test	ADH-SL-LAB-SOP-01-085-SOP for CK Test by using Cobas Integra 400

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			acc. to DGKC and IFCC	
Biochemistry	Serum/plasma	CKMB	Immunological UV assay	ADH-SL-LAB-SOP-01-086-SOP for CKMB Test by using Cobas Integra 400
Biochemistry	Serum/plasma	LDH	UV-assay	ADH-SL-LAB-SOP-01-094-SOP for LDH Test Using Cobas Integra 400
Biochemistry	Serum/plasma	Transferrin	Immunturbidimetric assay	ADH-SL-LAB-SOP-02-098-SOP for Transferrin and TIBC Test by using Cobas Integra 400
Biochemistry	Serum/plasma	TIBC	Calculated method	ADH-SL-LAB-SOP-02-098-SOP for Transferrin and TIBC Test by using Cobas Integra 400
Biochemistry	Serum/plasma	T. protein	Colorimetric assay Biuret method	ADH-SL-LAB-SOP-01-102-SOP for Total Protein Test Using Cobas Integra 400
Biochemistry	Urine	Microalbumin	Immunturbidimetric assay	ADH-SL-LAB-SOP-01-105-SOP for Urine Microalbumin using cobas integra 400
Biochemistry	Serum/plasma	Albumin	Colorimetric assay with endpoint method	ADH-SL-LAB-SOP-01-079-SOP for Albumin Test by using Cobas Integra 400
Biochemistry	Serum/plasma	Total Bilirubin	Colorimetric diazo method	ADH-SL-LAB-SOP-01-097-SOP for T. Bilirubin Test by using Cobas Integra 400
Biochemistry	Serum/plasma	Direct bilirubin	Diazo method,	ADH-SL-LAB-SOP-01-090-SOP for D. Bilirubin Test by using Cobas Integra 400

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Biochemistry	Serum/plasma	Alt (gpt)	Enzymatic IFCC, but without pyridoxal-5'-phosphate	ADH-SL-LAB-SOP-01-081-SOP for ALT Test by using Cobas Integra 400
Biochemistry	Serum/plasma	Ast (got)	Enzymatic IFCC, but without pyridoxal-5'-phosphate	ADH-SL-LAB-SOP-01-107-SOP for AST Test by using Cobas Integra 400
Biochemistry	Serum/plasma	Alkaline phosphates	Colorimetric assay	ADH-SL-LAB-SOP-01-080-SOP for ALP Test by using Cobas Integra 400
Biochemistry	Serum/plasma	Amylase	Enzymatic colorimetric assay acc. to IFCC	ADH-SL-LAB-SOP-01-082-SOP for Amylase Test by using Cobas Integra 400
Biochemistry	Whole blood	Hba1c	Standardized according to IFCC	ADH-SL-LAB -SOP-01-109-SOP for HbA1c Test by using Cobas Integra 400
Biochemistry	Serum/plasma	Fe	FerroZine method	ADH-SL-LAB-SOP-01-093-SOP for Iron Test Using Cobas Integra 400
Biochemistry	Serum/plasma	Cholesterol	Enzymatic colorimetric (endpoint) method	ADH-SL-LAB-SOP-01-084-SOP for Cholesterol Test by using Cobas Integra 400
Biochemistry	Serum/plasma	CO2	PEP	ADH-SL-LAB-SOP-01-087-SOP for CO2 Test by using Cobas Integra 400
Biochemistry	Serum/plasma	Triglyceride	Enzymatic colorimetric test (GPO-PAP)	ADH-SL-LAB-SOP-01-099-SOP for Triglyceride Test by using Cobas Integra 400

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Biochemistry	Serum/plasma	Hdl	Homogeneous enzymatic (direct) colorimetric assay	ADH-SL-LAB-SOP-01-108-SOP for HDL Test by using Cobas Integra 400
Biochemistry	Serum/plasma	Ldl	Homogeneous enzymatic colorimetric assay	ADH-SL-LAB-SOP-01-095-SOP for LDL Test Using Cobas Integra 400
Biochemistry	Serum/plasma	Ldl	Calculated method	ADH-SL-LAB-SOP-01-095-SOP for LDL Test Using Cobas Integra 400
END				