

Accreditation Scope

Dalma Hospital, NAM 006
Medical Laboratory, (ISO 15189:2012)

Dalma Island, Al 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
BLOOD BANK	Whole Blood	ABO grouping and Rhesus typing	Column Agglutination (Gel Testing) /BIORAD	ADH-DL-LAB-SOP-01-055 Version: I
BLOOD BANK	Whole Blood	crossmatching	Antiglobulin crossmatch with polyspecific AHG/BIORAD	ADH-DL-LAB-SOP-01-058 Version: I
BLOOD BANK	Whole blood	DAT	Column Agglutination (Gel Testing) /BIORAD	ADH-DL-LAB-SOP-01-057 Version: I
BLOOD BANK	Whole Blood	Antibodies screening	Column Agglutination (Gel Testing) /BIORAD	ADH-DL-LAB-SOP-01-059 Version: I
General Chemistry	Serum, Plasma	Alanine Aminotransferase /COBAS INTEGRA 400 plus	IFCC, but without pyridoxal-5'-phosphate	ADH-DL-LAB-SOP-02-047 Version: II
General Chemistry	Serum, Plasma	Aspartate Aminotransferase /COBAS INTEGRA 400 plus	IFCC, but without pyridoxal-5'-phosphate	ADH-DL-LAB-SOP-02-049 Version: II
General Chemistry	Serum, Plasma	Alkaline phosphatase/COBAS INTEGRA 400 plus	Colorimetric assay, IFCC, DGKC	ADH-DL-LAB-SOP-02-046 Version: II
General Chemistry	Serum, Plasma	γ -Glutamyltransferase /COBAS INTEGRA 400 plus	Enzymatic colorimetric assay	ADH-DL-LAB-SOP-02-057 Version: II

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			(acc. To Szasz and IFCC)	
General Chemistry	Serum,	α -Amylase /COBAS INTEGRA 400 plus	Enzymatic colorimetric assay acc. to IFCC Liquid stable Ethylidene blocked pNPG7	ADH-DL-LAB-SOP-02-048 Version: II
General Chemistry	Serum, Plasma	Creatine Kinase /COBAS INTEGRA 400 plus	Standardized method acc. to DGKC and IFCC	ADH-DL-LAB-SOP-02-051 Version: II
General Chemistry	Serum, Plasma	Creatine Kinase-MB/COBAS INTEGRA 400 plus	Immunological UV assay	ADH-DL-LAB-SOP-02-052 Version: II
General Chemistry	Serum, Plasma	Lactate Dehydrogenase/COBAS INTEGRA 400 plus	Standardized method acc. to DGKC, IFCC	ADH-DL-LAB-SOP-02-062 Version: II
General Chemistry	Serum	Albumin/COBAS INTEGRA 400 plus	Colorimetric assay with endpoint method (bromocresol green-BCG)	ADH-DL-LAB-SOP-02-044 Version: II

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General Chemistry	Serum, Plasma	Total Bilirubin /COBAS INTEGRA 400 plus	Diazo method, Vanadate oxidation method	ADH-DL-LAB-SOP-02-035 Version: II
General Chemistry	Serum, Plasma	Direct Bilirubin /COBAS INTEGRA 400 plus	Diazo method, Vanadate oxidation method	ADH-DL-LAB-SOP-02-056 Version: II
General Chemistry	Serum	Calcium /COBAS INTEGRA 400 plus	Colorimetric method - Calcium ions react with 5-nitro-5'-methyl-Barta (NM-BARTA) under alkaline conditions to form a complex. Colorimetric method – Arsenazo III.	ADH-DL-LAB-SOP-02-016 Version: II
General Chemistry	Serum	Magnesium /COBAS INTEGRA 400 plus	Colorimetric method with Chlorophosphonazo III, Colorimetric method with Xylidyl Blue	ADH-DL-LAB-SOP-02-064 Version: II

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General Chemistry	Serum	Iron /COBAS INTEGRA 400 plus	FerroZine method	ADH-DL-LAB-SOP-02-061 Version: II
General Chemistry	Serum, Plasma	Bicarbonate liquid /COBAS INTEGRA 400 plus	Bicarbonate reacts with phosphoenolpyruvate (PEP) in the presence of PEPC to produce oxaloacetate and phosphate	ADH-DL-LAB-SOP-02-053 Version: II
General Chemistry	Serum	Phosphate (Inorganic) /COBAS INTEGRA 400 plus	UV Endpoint method with sample blanking (ammonium phosphomolybdate complex).	ADH-DL-LAB-SOP-02-066 Version: II
General Chemistry	Serum, Urine	Creatinine /COBAS INTEGRA 400 plus	Colorimetric method-Enzymatic, colorimetric method Alkaline picrate	ADH-DL-LAB-SOP-02-054 Version: II
General Chemistry	Serum	Glucose /COBAS INTEGRA 400 plus	Enzymatic reference method with hexokinase and glucose oxidase	ADH-DL-LAB-SOP-02-058 Version: II

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Medical Field	Biological Sample	Components / Analytes	Examination technique	Examination Procedure Reference
General Chemistry	Serum, Plasma	Cholesterol /COBAS INTEGRA 400 plus	Enzymatic colorimetric (endpoint) method	ADH-DL-LAB-SOP-02-050 Version: II
General Chemistry	Serum, Plasma	LDL-Cholesterol /COBAS INTEGRA 400 plus	Homogeneous enzymatic (direct) colorimetric assay	ADH-DL-LAB-SOP-02-063 Version: II
General Chemistry	Serum, Plasma	HDL-Cholesterol /COBAS INTEGRA 400 plus	Homogeneous enzymatic (direct) colorimetric assay	ADH-DL-LAB-SOP-02-060 Version: II
General Chemistry	Serum, Plasma	Triglycerides /COBAS INTEGRA 400 plus	Enzymatic colorimetric test (GPO-PAP)	ADH-DL-LAB-SOP-02-036 Version: II
General Chemistry	Serum	Total Protein /COBAS INTEGRA 400 plus	Colorimetric assay (Biuret method)	ADH-DL-LAB-SOP-02-039 Version: II
General Chemistry	Serum, Plasma, Urine	Uric Acid /COBAS INTEGRA 400 plus	Enzymatic colorimetric test	ADH-DL-LAB-SOP-02-038 Version: II
General Chemistry	Serum, Plasma, Urine	Urea /COBAS INTEGRA 400 plus	Kinetic test with urease and glutamate dehydrogenase	ADH-DL-LAB-SOP-02-037 Version: II

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Medical Field	Biological Sample	Components / Analytes	Examination technique	Examination Procedure Reference
General Chemistry	Whole blood	Tina-quant Hemoglobin A1c (Hemolysate Application) /COBAS INTEGRA 400 plus	Standardized method according to IFCC transferable to DCCT/NGSP. The HbA1c determination is based on the turbidimetric inhibition immunoassay (TINA) for hemolysed whole blood (using TTAB). Latex agglutination inhibition assay.	ADH-DL-LAB-SOP-02-059 Version: II
General Chemistry	Urine	Total Protein Urine Gen.3/COBAS INTEGRA 400 plus	Turbidimetric method	ADH-DL-LAB-SOP-02-065 Version: II
General Chemistry	Serum, Plasma	Tina-quant Transferrin ver.2/COBAS INTEGRA 400 plus	Immunoturbidimetric assay	ADH-DL-LAB-SOP-02-067 Version: II
General Chemistry	Urine	Tina-quant Albumin Gen.2 - urine Application/COBAS INTEGRA 400 plus	Immunoturbidimetric assay	ADH-DL-LAB-SOP-02-129 Version: II

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Medical Field	Biological Sample	Components / Analytes	Examination technique	Examination Procedure Reference
General Chemistry	Serum, Plasma	C-Reactive Protein (Latex) /COBAS INTEGRA 400 plus	Particle enhanced immune-turbidimetric assay	ADH-DL-LAB-SOP-02-055 Version: II
General Chemistry	Serum, Plasma, Urine	Sodium /Roche ISE9180	Ion-selective electrodes, using automatically diluted specimens ISE Indirect/ ISE Direct	ADH-DL-LAB-SOP-01-019 Version: I
General Chemistry	Serum, Plasma, Urine	Potassium /Roche ISE9180	Ion-selective electrodes, using automatically diluted specimens ISE Indirect/ISE Direct	ADH-DL-LAB-SOP-01-019 Version: I
General Chemistry	Serum, Plasma, Urine	Chloride/Roche ISE9180	Ion-selective electrodes, using automatically diluted specimens; ISE Indirect/ISE Direct	ADH-DL-LAB-SOP-01-019 Version: I
General Chemistry	BLOOD	Troponin I \ Alere Triage® Meters	fluorescence immunoassay	ADH-DL-LAB-SOP-02-043 Version: II

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Medical Field	Biological Sample	Components / Analytes	Examination technique	Examination Procedure Reference
Hematology	BLOOD	G6PD screening/ BinaxNOW® G6PD	chromatographic qualitative detection of G6PD enzyme activity in human blood	ADH-DL-LAB- SOP-02-099 Version: II
Hematology	BLOOD	Complete blood count- CBC /Sysmex XS800	Spectrophotometry for HGB Volumetric impedance change for WBC, RBC, PLT Light scattering measurement: LYM, MON, NEU, EOS, BASO	ADH-DL-LAB- SOP-01-098 Version: I
Haematology	BLOOD	Erythrocyte Sedimentation Rate-ESR	Westergren Method	ADH-DL-LAB- SOP-01-092 Version: I
Haematology	serum	RF latex	Agglutination method	ADH-DL-LAB- SOP-02-095 Version: II
Haematology	serum	ASO latex	Agglutination method	ADH-DL-LAB- SOP-02-094 Version: II

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Haematology	BLOOD	Malaria screening parasite and confirmation by stain	NADAL® Malaria 4 Species test cassettes and Manual microscopy	ADH-DL-LAB-SOP-02-093 Version: II
Coagulation	Plasma	Prothrombin Time, Index, INR /sysmex CA 600	Clotting time detection	ADH-DL-LAB-SOP-01-127 Version: I
Coagulation	Plasma	APTT /sysmex CA 600	Clotting time detection	ADH-DL-LAB-SOP-01-128 Version: I
Microbiology	URINE	hCG Pregnancy combo Rapid Test Cassette, urine	Qualitative chromatographic immunoassay	ADH-DL-LAB-SOP-02-122 Version: II
Microbiology	Urine	Specific gravity /Cobas U411	Reflectance photometry	ADH-DL-LAB-SOP-01-115 Version: I
Microbiology	Urine	pH /Cobas U411	Reflectance photometry	ADH-DL-LAB-SOP-01-115 Version: I

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Medical Field	Biological Sample	Components / Analytes	Examination technique	Examination Procedure Reference
Microbiology	Urine	Leukocyres /Cobas U411	Reflectance photometry	ADH-DL-LAB-SOP-01-115 Version: I
Microbiology	Urine	Nitrite /Cobas U411	Reflectance photometry	ADH-DL-LAB-SOP-01-115 Version: I
Microbiology	Urine	Protein /Cobas U411	Reflectance photometry	ADH-DL-LAB-SOP-01-115 Version: I
Microbiology	Urine	Glucose /Cobas U411	Reflectance photometry	ADH-DL-LAB-SOP-01-115 Version: I
Microbiology	Urine	Ketones /Cobas U411	Reflectance photometry	ADH-DL-LAB-SOP-01-115 Version: I
Microbiology	Urine	Urobilinogen /Cobas U411	Reflectance photometry	ADH-DL-LAB-SOP-01-115 Version: I
Microbiology	Urine	Bilirubin /Cobas U411	Reflectance photometry	ADH-DL-LAB-SOP-01-115

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				Version: I
Microbiology	Urine	Blood (Erythrocytes/Haemoglobin) /Cobas U411	Reflectance photometry	ADH-DL-LAB-SOP-01-115 Version: I
Microbiology	Urine	RBC	Microscopy – Urine Sediment Check	ADH-DL-LAB-SOP-01-115 Version: I
Microbiology	Urine	WBC	Microscopy – Urine Sediment Check	ADH-DL-LAB-SOP-01-115 Version: I
Microbiology	Urine	squamous epithelial cells.	Microscopy – Urine Sediment Check	ADH-DL-LAB-SOP-01-115 Version: I
Microbiology	Urine	Crystals.	Microscopy – Urine Sediment Check	ADH-DL-LAB-SOP-01-115 Version: I
Microbiology	Urine	Cast	Microscopy – Urine Sediment Check	ADH-DL-LAB-SOP-01-115

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				Version: I
Microbiology	Urine	Yeasts, Fungal hyphal structures, Bacteria.	Microscopy – Urine Sediment Check	ADH-DL-LAB-SOP-01-115 Version: I
Microbiology	Fecal	Physical examination	Macroscopically examination	ADH-DL-LAB-SOP-01-117 Version: I
Microbiology	Fecal	RBC	Microscopy	ADH-DL-LAB-SOP-01-117 Version: I
Microbiology	Fecal	WBC	Native samples Microscopy	ADH-DL-LAB-SOP-01-117 Version: I
Microbiology	Fecal	Parasite	Microscopy	ADH-DL-LAB-SOP-01-117 Version: I
Microbiology	Stool exam	Rota-adenovirus detection	immunochromatographic test	ADH-DL-LAB-SOP-01-124 Version: I

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Microbiology	Stool Exam	Occult Blood	Use of guaiac resin to detect the blood	ADH-DL-LAB-SOP-01-123 Version: I
Microbiology	Skin Scrub	KOH Preparation	Microscopy	ADH-DL-LAB-SOP-01-120 Version: I
Microbiology	Stool	H. Pylori	Rapid Lateral flow Immunoassay	ADH-DL-LAB-SOP-02-121 Version: II
Microbiology	Nasal Wash/Aspirates Nasopharyngeal & Nasal Swabs	Influenza A&B	limmunochromatographic test Alere BinaxNOW®	ADH-DL-LAB-SOP-01-126 Version: I
END				