

# Accreditation Scope

**Al Marfa Hospital, NAM 005**  
**Medical Laboratory, (ISO 15189:2012)**

**Dhafra Region, Abu Dhabi, United Arab Emirates**

**Issue Date: 267-01-2021**

**Expiry Date: 26-01-2024**

**Issue No: 001**

Medical Field	Biological Sample	Components / Analytes	Examination technique	Examination Procedure Reference
General Chemistry	Serum Plasma Li-heparin and K2-EDTA plasma.	Alanine Aminotransferase /COBAS C 311	IFCC, but without pyridoxal-5'-phosphate	ADH -MIR-LAB-SOP-04-107
General Chemistry	Serum – Plasma: Li-heparin and K2-EDTA plasma	Aspartate Aminotransferase /COBAS C 311	IFCC, but without pyridoxal-5'-phosphate	ADH -MIR-LAB-SOP-04-109
General Chemistry	Serum. – Plasma: Li-heparin plasma.	Alkaline phosphatase/COBAS C 311	Colorimetric assay, IFCC, DGKC	ADH -MIR-LAB-SOP-02-020
General Chemistry	Serum	$\alpha$ -Amylase /COBAS C 311	Enzymatic colorimetric assay acc. to IFCC Liquid stable Ethylidene blocked pNPG7	ADH -MIR-LAB-SOP-04-108
General Chemistry	Serum/Li-heparin Plasma	Creatine Kinase /COBAS C 311	Standardized method acc. to DGKC and IFCC	ADH -MIR-LAB-SOP-02-025
General Chemistry	Serum/Li-heparin Plasma	Creatine Kinase-MB/COBAS C 311	Immunological UV assay	ADH -MIR-LAB-SOP-02-027
General Chemistry	Serum/Li-heparin Plasma	Lactate Dehydrogenase/COBAS C 311	Standardized method acc. to DGKC, IFCC	ADH -MIR-LAB-SOP-04-044

# Accreditation Scope

**Al Marfa Hospital, NAM 005**  
**Medical Laboratory, (ISO 15189:2012)**

**Dhafra Region, Abu Dhabi, United Arab Emirates**

**Issue Date: 267-01-2021**

**Expiry Date: 26-01-2024**

**Issue No: 001**

Medical Field	Biological Sample	Components / Analytes	Examination technique	Examination Procedure Reference
General Chemistry	Plasma: Li-heparin and K2-EDTA plasma	Albumin/COBAS C 311	Colorimetric assay with endpoint method (bromocresol green-BCG)	ADH -MIR-LAB-SOP-04-106
General Chemistry	Serum,/Li-heparin or K2-EDTA Plasma	Total Bilirubin /COBAS C 311	Diazo method, Vanadate oxidation method	ADH -MIR-LAB-SOP-04-050
General Chemistry	Serum/Li-heparin Plasma	Direct Bilirubin /COBAS C 311	Diazo method, Vanadate oxidation method	ADH -MIR-LAB-SOP-02-033
General Chemistry	Whole blood Serum/Li-heparin Plasma	Calcium /COBAS C 311	Colorimetric method - Calcium ions react with 5-nitro-5'-methyl-Barta (NM-BARTA) under alkaline conditions to form a complex.	ADH -MIR-LAB-SOP-04-110
General Chemistry	Serum/Li-heparin Plasma	Iron /COBAS C 311	FerroZine method	ADH -MIR-LAB-SOP-04-042
General Chemistry	Serum/Li-heparin Plasma	Bicarbonate liquid /COBAS C 311	Bicarbonate reacts with phosphoenolpyruvate (PEP) in the presence of PEPC to produce oxaloacetate and phosphate	ADH -MIR-LAB-SOP-02-030

# Accreditation Scope

**Al Marfa Hospital, NAM 005**  
**Medical Laboratory, (ISO 15189:2012)**

**Dhafra Region, Abu Dhabi, United Arab Emirates**

**Issue Date: 267-01-2021**

**Expiry Date: 26-01-2024**

**Issue No: 001**

Medical Field	Biological Sample	Components / Analytes	Examination technique	Examination Procedure Reference
General Chemistry	Serum,/Li-heparin or K2-EDTA Plasma	Phosphate (Inorganic) /COBAS C 311	UV Endpoint method with sample blanking (ammonium phosphomolybdate complex).	ADH -MIR-LAB-SOP-04-048
General Chemistry	Serum,Li-heparin or K2-EDTA Plasma and urine samples	Creatinine /COBAS C 311	Colorimetric method-Enzymatic, colorimetric method Alkaline picrate	ADH -MIR-LAB-SOP-02-031
General Chemistry	SERUM	Glucose /COBAS C 311	Enzymatic reference method with hexokinase and glucose oxidase	ADH -MIR-LAB-SOP-04-037
General Chemistry	Serum. – Plasma: Li-heparin and K2-EDTA plasma	Cholesterol /COBAS C 311	Enzymatic colorimetric (endpoint) method	ADH -MIR-LAB-SOP-04-111
General Chemistry	Serum/Li-heparin Plasma	LDL-Cholesterol /COBAS C 311	Homogeneous enzymatic (direct) colorimetric assay	ADH -MIR-LAB-SOP-04-112
General Chemistry	Serum/Li-heparin Plasma	LDL-Cholesterol /COBAS C 311	Homogeneous enzymatic (direct) colorimetric assay	ADH -MIR-LAB-SOP-04-112

# Accreditation Scope

**Al Marfa Hospital, NAM 005**  
**Medical Laboratory, (ISO 15189:2012)**

**Dhafra Region, Abu Dhabi, United Arab Emirates**

**Issue Date: 267-01-2021**

**Expiry Date: 26-01-2024**

**Issue No: 001**

Medical Field	Biological Sample	Components / Analytes	Examination technique	Examination Procedure Reference
General Chemistry	Serum,/Li-heparin or K2-EDTA Plasma	HDL-Cholesterol /COBAS C 311	Homogeneous enzymatic (direct) colorimetric assay	ADH -MIR-LAB-SOP-04-041
General Chemistry	Serum/Li-heparin, citrate or K2-EDTA Plasma	Triglycerides / COBAS C 311	Enzymatic colorimetric test (GPO-PAP)	ADH -MIR-LAB-SOP-04-054
General Chemistry	Serum,/Li-heparin or K2-EDTA Plasma	Total Protein /COBAS C 311	Colorimetric assay (Biuret method)	ADH -MIR-LAB-SOP-04-051
General Chemistry	Serum, Li-heparin or K2-EDTA Plasma and urine samples	Uric Acid /COBAS C 311	Enzymatic colorimetric test	ADH -MIR-LAB-SOP-04-058
General Chemistry	Serum, Li-heparin or K2-EDTA Plasma and urine samples	Urea /COBAS C 311	Kinetic test with urease and glutamate dehydrogenase	ADH -MIR-LAB-SOP-04-057
General Chemistry	Whole blood using one of the following anticoagulants: II	Tina-quant Hemoglobin A1c (Hemolysate Application) / COBAS C 311	Standardized method according to IFCC transferable to DCCT/NGSP. The HbA1c determination is based on the	ADH -MIR-LAB-SOP-04-038

# Accreditation Scope

**Al Marfa Hospital, NAM 005**  
**Medical Laboratory, (ISO 15189:2012)**

**Dhafra Region, Abu Dhabi, United Arab Emirates**

**Issue Date: 267-01-2021**

**Expiry Date: 26-01-2024**

**Issue No: 001**

Medical Field	Biological Sample	Components / Analytes	Examination technique	Examination Procedure Reference
	Li-heparin and K2- EDTA plasma, K3- EDTA, Fluoride/Na2- EDTA, Fluoride / Na-Heparin, Fluoride / Na- Oxalate and Iodoacetate / Li-Heparin		turbidimetric inhibition immunoassay (TINA) for hemolysed whole blood (using TTAB). Latex agglutination inhibition assay.	
General Chemistry	URINE	Total Protein Urine Gen.3// COBAS C 311	Turbidimetric method	ADH -MIR-LAB-SOP-03-052
General Chemistry	Serum/Li-heparin Plasma	Tina-quant Transferrin ver.2// COBAS C 311	Immunoturbidimetric assay	ADH -MIR-LAB-SOP-04-053
General Chemistry	URINE	Tina-quant Albumin Gen.2 - urine Application// COBAS C 311	Immunoturbidimetric assay	ADH-MIR-LAB-SOP-03-083
General Chemistry	Serum,/Li-heparin or K2- EDTA Plasma	C-Reactive Protein (Latex) /COBAS / COBAS C 311	Particle enhanced immune-turbidimetric assay	ADH -MIR-LAB-SOP-02-032
General Chemistry	SERUM, PLASMA, URINE	Sodium / COBAS C 311	Ion-selective electrodes, using automatically diluted specimens	ADH-MIR-LAB-SOP-03-084

# Accreditation Scope

**Al Marfa Hospital, NAM 005**  
**Medical Laboratory, (ISO 15189:2012)**

**Dhafra Region, Abu Dhabi, United Arab Emirates**

**Issue Date: 267-01-2021**

**Expiry Date: 26-01-2024**

**Issue No: 001**

Medical Field	Biological Sample	Components / Analytes	Examination technique	Examination Procedure Reference
General Chemistry	SERUM, PLASMA, URINE	Potassium / COBAS C 311	ISE Indirect/ ISE Direct Ion-selective electrodes, using automatically diluted specimens ISE Indirect/ ISE Direct	ADH-MIR-LAB-SOP-03-084
General Chemistry	SERUM, PLASMA, URINE	Chloride/ COBAS C 311	Ion-selective electrodes, using automatically diluted specimens; ISE Indirect/ISE Direct	ADH-MIR-LAB-SOP-03-084
General Chemistry	Serum,/Li-heparin or K2-EDTA K3-EDTA, Li-heparin, and sodium citrate plasma	Troponin T \ COBAS E 411	fluorescence immunoassay	ADH -MIR-LAB-SOP-04-055
Microbiology	URINE	hCG Pregnancy combo Rapid Test Cassette, urine	Qualitative chromatographic immunoassay	ADH-MIR-LAB-SOP-02-096 (POCT)
Microbiology	NASAL WASH/ASPIRATES	Alere BinaxNOW® Influenza A&B	immunochromatographic assay for the qualitative detection of influenza A and B nucleoprotein antigens	ADH-MIR-LAB-SOP-03-100 (POCT)

# Accreditation Scope

**Al Marfa Hospital, NAM 005**  
**Medical Laboratory, (ISO 15189:2012)**

**Dhafra Region, Abu Dhabi, United Arab Emirates**

**Issue Date: 267-01-2021**

**Expiry Date: 26-01-2024**

**Issue No: 001**

Medical Field	Biological Sample	Components / Analytes	Examination technique	Examination Procedure Reference
	NASOPHARYNGEAL AND NASAL SWABS			
General Chemistry	BLOOD	Blood gases, Na, K, CL/ /CA/PH /PO2/HCT/PCO2/THB/ COBAS B 221	b221 analyzer	Machine has been removed from Laboratory
Biochemistry	Li-, Na-, NH4-heparin, K3-EDTA, sodium citrate, and sodium fluoride / potassium oxalate plasma.	FT4 / COBAS e 411	fluorescence immunoassay	ADH -MIR-LAB-SOP-02-035
Biochemistry	Undiluted serum collected in standard tubes. – Undiluted Li-heparin, K2-EDTA, and K3-EDTA plasma	FT3 / COBAS e 411	fluorescence immunoassay	ADH -MIR-LAB-SOP-02-034
Biochemistry	Serum. – Li-, Na-, NH4+ - heparin, K3-	TSH / COBAS e 411	fluorescence immunoassay	ADH -MIR-LAB-SOP-04-056

# Accreditation Scope

**Al Marfa Hospital, NAM 005**  
**Medical Laboratory, (ISO 15189:2012)**

**Dhafra Region, Abu Dhabi, United Arab Emirates**

**Issue Date: 267-01-2021**

**Expiry Date: 26-01-2024**

**Issue No: 001**

Medical Field	Biological Sample	Components / Analytes	Examination technique	Examination Procedure Reference
	EDTA, sodium citrate, and sodium fluoride /potassium oxalate plasma			
Biochemistry	Serum/Li-heparin, citrate or K2-EDTA Plasma	FERRITIN / COBAS e 411	fluorescence immunoassay	ADH-MIR-LAB-SOP-01-017
Biochemistry	Li-, Na-, NH <sub>4</sub> <sup>+</sup> -heparin, Na <sub>2</sub> -EDTA, K <sub>3</sub> -EDTA, sodium citrate, and Sodium fluoride/potassium oxalate plasma	BHCG / COBAS e 411	fluorescence immunoassay	ADH -MIR-LAB-SOP-04-049
Biochemistry	PLASMA SERUM	VITAMIN D3/ COBAS e 411	fluorescence immunoassay	ADH -MIR-LAB-SOP-02-015
Serology	Serum Li-heparin, K <sub>3</sub> -EDTA, and sodium citrate plasma.	HIV / COBAS e 411	fluorescence immunoassay	ADH -MIR-LAB-SOP-02-019



# Accreditation Scope

**Al Marfa Hospital, NAM 005**  
**Medical Laboratory, (ISO 15189:2012)**

**Dhafra Region, Abu Dhabi, United Arab Emirates**

**Issue Date: 267-01-2021**

**Expiry Date: 26-01-2024**

**Issue No: 001**

Medical Field	Biological Sample	Components / Analytes	Examination technique	Examination Procedure Reference
Hematology	Whole blood with EDTA-2K, EDTA-3K or EDTA-2Na	Complete blood count- CBC /Sysmex XS1000I SYSMEX XT-2000I	Spectrophotometry for HGB Volumetric impedance change for WBC, RBC, PLT Light scattering measurement: LYM, MON, NEU, EOS, BASO	ADH -MIR-LAB-SOP-04-075
Hematology	Whole blood with 3.2% trisodium citrate	Erythrocyte Sedimentation Rate- ESR	Westergren Method	ADH -MIR-LAB-SOP-02-073
Hematology	SERUM	RF latex	Agglutination method	ADH -MIR-LAB-SOP-02-081
Hematology	SERUM	ASO latex	Agglutination method	ADH -MIR-LAB-SOP-03-074
Hematology	BLOOD	Malaria parasite	NADAL® Malaria 4 Species test cassettes and Manual microscopy	ADH -MIR-LAB-SOP-02-076
Coagulation	Plasma with 3.2% sodium citrate	Prothrombin Time, Index, INR /sysmex CA 600	Clotting time detection	ADH -MIR-LAB-SOP-03-077
Coagulation	PLASMA	APTT /sysmex CA 600 SYSMEX CA-500	Clotting time detection	ADH -MIR-LAB-SOP-03-078

# Accreditation Scope

**Al Marfa Hospital, NAM 005**  
**Medical Laboratory, (ISO 15189:2012)**

**Dhafra Region, Abu Dhabi, United Arab Emirates**

**Issue Date: 267-01-2021**

**Expiry Date: 26-01-2024**

**Issue No: 001**

Medical Field	Biological Sample	Components / Analytes	Examination technique	Examination Procedure Reference
Microbiology	URINE	Complete Urine analyze /Cobas U411	Reflectance photometry, Microscopy	ADH -MIR-LAB-SOP-03-103
Microbiology	FECAL	Common analyze in fecal	Native samples Microscopy	ADH -MIR-LAB-SOP-03-098
Microbiology	FECAL	H.Pylori	Immuno card HPSA	ADH -MIR-LAB-SOP-02-095
Microbiology	FECAL	Occult Blood	Use of guaiac resin to detect the blood	ADH -MIR-LAB-SOP-03-120
Microbiology	FECAL	Rota-adenovirus detection	immunoCromatographic test	ADH -MIR-LAB-SOP-01-101
BLOOD BANK	WHOLE BLOOD EDTA Sample	ABO grouping and Rhesus typing	Column Agglutination (Gel Testing) /BIORAD	ADH -MIR-LAB-PP-03-047
Blood Bank	WHOLE BLOOD EDTA Sample	cross matching	Ant globulin cross match with polyspecific AHG/BIORAD	ADH -MIR-LAB-PP-02-050
Blood Bank	WHOLE BLOOD EDTA Sample	Antibodies screening	Column Agglutination (Gel Testing) /BIORAD	ADH -MIR-LAB-PP-01-051
Blood Bank	WHOLE BLOOD EDTA Sample	DAT	Column Agglutination (Gel Testing) /BIORAD	ADH -MIR-LAB-PP-01-049
<b>END</b>				