

Accreditation Scope

Health Shield Medical Center LLC, NAM 003
Medical Laboratory (ISO 15189:2012)

Salam St. Ministries Complex, Abu Dhabi, UAE

Issue Date: 05-04-2020
Issue No.: 001

Expiry Date: 04-04-2023

Medical Field	Biological Sample	Components / Analytes	Examination technique	Examination Procedure Reference
Biochemistry	Serum	25-OH Vitamin D Total	Competitive Immunoassay	HS-SOP-LAB-IMMU-19:2019
Biochemistry	Serum	Alpha Feto Protein (AFP)	Immunoassay	HS-SOP-LAB-IMMU-01:2019
Biochemistry	Serum	CA 125	Immunoassay	HS-SOP-LAB-IMMU-03:2019
Biochemistry	Serum	CA 19-9	Immunoassay	HS-SOP-LAB-IMMU-02:2019
Biochemistry	Serum	Carcino embryonic Antigen (CEA)	Immunoassay	HS-SOP-LAB-IMMU-04:2019
Biochemistry	Serum	Estradiol	Competitive Immunoassay	HS-SOP-LAB-IMMU-05:2019
Biochemistry	Serum	Ferritin	Two Step Immunoassay	HS-SOP-LAB-IMMU-06:2019
Biochemistry	Serum	Folate	Competitive Binding Immunoassay	HS-SOP-LAB-IMMU-21:2019
Biochemistry	Serum	Follicle Stimulating Hormone (FSH)	Immunoassay	HS-SOP-LAB-IMMU-07:2019
Biochemistry	Serum	Free Thyroxine (FT4)	Competitive Immunoassay	HS-SOP-LAB-IMMU-09:2019
Biochemistry	Serum	Free Triiodothyronine (FT3)	Competitive Immunoassay	HS-SOP-LAB-IMMU-08:2019
Biochemistry	Serum	iPTH	Competitive Immunoassay	HS-SOP-LAB-IMMU-10:2019
Biochemistry	Serum	Luteinizing Hormone (LH)	Immunoassay	HS-SOP-LAB-IMMU-11:2019

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Biochemistry	Serum	Progesterone	Competitive Immunoassay	HS-SOP-LAB-IMMU-12:2019
Biochemistry	Serum	Prolactin	Immunometric Immunoassay	HS-SOP-LAB-IMMU-13:2019
Biochemistry	Serum	Testosterone	Competitive Immunoassay	HS-SOP-LAB-IMMU-14:2019
Biochemistry	Serum	Thyroid Stimulating Hormone (TSH)	Immunometric immunoassay	HS-SOP-LAB-IMMU-18:2019
Biochemistry	Serum	Total BHCG	Immunometric Immunoassay	HS-SOP-LAB-IMMU-15:2019
Biochemistry	Serum	Troponin I	Immunometric Immunoassay	HS-SOP-LAB-IMMU-17:2019
Biochemistry	Serum	Vitamin B12	Competitive Binding Immunoassay	HS-SOP-LAB-IMMU-20:2019
Biochemistry	Serum	Albumin	Colorimetric Reflectance Spectrophotometry	HS-SOP-LAB-CHEM-01:2019
Biochemistry	Serum	Alkaline Phosphatase (ALP) Alanine	Multi Point Rate Reflection Density	HS-SOP-LAB-CHEM-02:2019
Biochemistry	Serum	Aminotransferase (ALT)	Multi Point Rate Reflection Density	HS-SOP-LAB-CHEM-03:2019
Biochemistry	Serum	Amylase	Two Point Rate Reflection Density	HS-SOP-LAB-CHEM-04:2019
Biochemistry	Serum	Aspartate Aminotransferase (AST)	Multi Point Rate Reflection Density	HS-SOP-LAB-CHEM-05:2019

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Biochemistry	Serum	Blood Urea Nitrogen (BUN/UREA)	Colorimetric Reflection Density	HS-SOP-LAB-CHEM-07:2019
Biochemistry	Serum	Bilirubin Direct (BuBc)	End Point Colorimetric Reflection Density	HS-SOP-LAB-CHEM-06:2019
Biochemistry	Serum	Calcium	Colorimetric Reflection Density	HS-SOP-LAB-CHEM-08:2019
Biochemistry	Serum	Chloride	Potentiometric	HS-SOP-LAB-CHEM-09:2019
Biochemistry	Serum	Creatinine Kinase MB (CKMB)	Multi Point Rate Reflection Density	HS-SOP-LAB-CHEM-12:2019
Biochemistry	Serum	Creatine Kinase	Multi Point Rate Reflection Density	HS-SOP-LAB-CHEM-11:2019
Biochemistry	Serum	Creatinine	Two Point Rate Reflection Density	HS-SOP-LAB-CHEM-13:2019
Biochemistry	Serum	C- Reactive Protein (CRP)	Fixed Point Immuno Rate Reflection Density	HS-SOP-LAB-CHEM-28:2019
Biochemistry	Serum	Direct HDL Cholesterol	Colorimetric Reflectance Spectrophotometry	HS-SOP-LAB-CHEM-14:2019
Biochemistry	Serum	dLDL	Colorimetric Reflectance Spectrophotometry	HS-SOP-LAB-CHEM-18:2019
Biochemistry	Serum	dTIBC	Colorimetric Reflectance Spectrophotometry	HS-SOP-LAB-CHEM-31:2019
Biochemistry	Serum	Gamma Glutamyl transferase (GGT)	Multi Point Rate Reflection Density	HS-SOP-LAB-CHEM-15:2019
Biochemistry	Serum	Glucose	Colorimetric Reflection Density	HS-SOP-LAB-CHEM-16:2019

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Medical Field	Biological Sample	Components / Analytes	Examination technique	Examination Procedure Reference
Biochemistry	Whole Blood (EDTA)	Glycosylated Hemoglobin (HBA1c)	End-Point Bi-chromatically & Turbid metrically	HS-SOP-LAB-CHEM-17:2019
Biochemistry	Serum	Iron	Two Point Rate Reflection Density	HS-SOP-LAB-CHEM-19:2019
Biochemistry	Serum	LDH	Multiple-point rate Reflectance Spectrophotometry	HS-SOP-LAB-CHEM-29:2019
Biochemistry	Serum	Lipase	Two Point Rate Reflection Density	HS-SOP-LAB-CHEM-21:2019
Biochemistry	Serum	Magnesium	Colorimetric Reflectance Spectrophotometry	HS-SOP-LAB-CHEM-22:2019
Biochemistry	Urine	Microalbumin	Blanked Endpoint-turbidity	HS-SOP-LAB-CHEM-30:2019
Biochemistry	Serum	Phosphate	Colorimetric Reflectance Spectrophotometry	HS-SOP-LAB-CHEM-24:2019
Biochemistry	Serum	Potassium	Potentiometric	HS-SOP-LAB-CHEM-20:2019
Biochemistry	Serum	Sodium	Potentiometric	HS-SOP-LAB-CHEM-23:2019
Biochemistry	Serum	Total Bilirubin	Colorimetric Reflectance Spectrophotometry	HS-SOP-LAB-CHEM-33:2019
Biochemistry	Serum	Total Cholesterol	Colorimetric Reflectance Spectrophotometry	HS-SOP-LAB-CHEM-10:2019
Biochemistry	Serum	Total Protein	Colorimetric Reflectance Spectrophotometry	HS-SOP-LAB-CHEM-25:2019

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Biochemistry	Serum	Triglycerides	Colorimetric Reflectance Spectrophotometry	HS-SOP-LAB-CHEM-26:2019
Biochemistry	Serum	Uric Acid	Colorimetric Reflectance Spectrophotometry	HS-SOP-LAB-CHEM-27:2019
Biochemistry	Whole Blood HEPARIN	Blood Gas	ion-selective electrode potentiometry	HS-SOP-LAB-CHEM-32:2019
Hematology	Whole Blood (EDTA)	Erythrocyte Sedimentation Rate (ESR)	Spectroscopy	HS-SOP-LAB-HEM-007:2019
Hematology	Whole Blood (EDTA)	Hemoglobin	Spectrophotometry at 555 nm	HS-SOP-LAB-HEM-008:2019
Hematology	Whole Blood (EDTA)	Hematocrit	Volume integration	HS-SOP-LAB-HEM-008:2019
Hematology	Whole Blood (EDTA)	MCH- Calculated	Calculated	HS-SOP-LAB-HEM-008:2019
Hematology	Whole Blood (EDTA)	MCHC- Calculated	Calculated	HS-SOP-LAB-HEM-008:2019
Hematology	Whole Blood (EDTA)	MCV- Calculated	Calculated	HS-SOP-LAB-HEM-008:2019
Hematology	Whole Blood (EDTA)	Platelet	Impedancemetry	HS-SOP-LAB-HEM-008:2019
Hematology	Whole Blood (EDTA)	RDW-Calculated	Calculated	HS-SOP-LAB-HEM-008:2019
Hematology	Whole Blood (EDTA)	Red Blood Cell Count	Impedancemetry	HS-SOP-LAB-HEM-008:2019
Hematology	Whole Blood (EDTA)	Whole Blood Cell Count	Impedancemetry	HS-SOP-LAB-HEM-008:2019

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Hematology	Citrated Plasma	D-DIMER	Bead Magnetic method Optical Method	HS-SOP-LAB-HEM-009:2019
Hematology	Citrated Plasma	PROTHROMBIN TIME	Bead Magnetic method Optical Method	HS-SOP-LAB-HEM-009:2019
Hematology	Citrated Plasma	APTT	Bead Magnetic method Optical Method	HS-SOP-LAB-HEM-009:2019
Hematology	Citrated Plasma	INR	Bead Magnetic method Optical Method	HS-SOP-LAB-HEM-009:2019
Blood Bank	Serum Whole Blood (EDTA)	ABO & Rh Blood Group Typing Gel Method	Column Agglutination	HS-SOP-LAB-BB-01:2019
Blood Bank	Serum Whole Blood (EDTA)	Antibody Screen Indirect Antiglobulin Test (IAT) Direct Anti-globulin Test (DAT)	Column Agglutination	HS-SOP-LAB-BB-07:2019 HS-SOP-LAB-BB-05:2019
Blood Bank	Serum Whole Blood (EDTA)	Compatibility Study (Cross Match)	Column Agglutination	HS-SOP-LAB-BB-03:2019
Clinical Pathology	Stool	Adenovirus	Lateral Flow Immunoassay	HS-SOP-LAB-CM-008:2019
Clinical Pathology	Stool	Fecal Occult Blood	Lateral Flow Immunoassay	HS-SOP-LAB-CM-005:2019
Clinical Pathology	Stool	Helicobacter Pylori Antigen in Stool	Lateral Flow Immunoassay	HS-SOP-LAB-CM-006:2019
Clinical Pathology	Nasopharyngeal swab,	Influenza A & B	Lateral Flow Immunoassay	HS-SOP-LAB-CM-011:2019

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Clinical Pathology	Nasal swab	Respiratory Syncytial Virus (RSV)	Unique Combination of monoclonal dye conjugate and polyclonal solid phase	HS-SOP-LAB-CM-012:2019
Clinical Pathology	Throat swab	Streptococcal A Antigen	Lateral Flow Immunoassay	HS-SOP-LAB-CM-013:2019
Clinical Pathology	Urine	Cotinin	Lateral Flow Immunoassay	HS-SOP-LAB-CM-010:2019
Clinical Pathology	Stool	Rotavirus	Lateral Flow Immunoassay	HS-SOP-LAB-CM-007:2019
Clinical Pathology	Stool	Parasitology	Microscopic	HS-SOP-LAB-CM-003:2019
Clinical Pathology	Urine	Blood	Photoelectric Calorimetry	HS-SOP-LAB-CM-001:2019
Clinical Pathology	Urine	Glucose	Photoelectric Calorimetry	HS-SOP-LAB-CM-001:2019
Clinical Pathology	Urine	Ketones	Photoelectric Calorimetry	HS-SOP-LAB-CM-001:2019
Clinical Pathology	Urine	Leukocytes Esterase	Photoelectric Calorimetry	HS-SOP-LAB-CM-001:2019
Clinical Pathology	Urine	Nitrite	Photoelectric Calorimetry	HS-SOP-LAB-CM-001:2019
Clinical Pathology	Urine	pH	Photoelectric Calorimetry	HS-SOP-LAB-CM-001:2019
Clinical Pathology	Urine	Protein	Photoelectric Calorimetry	HS-SOP-LAB-CM-001:2019
Clinical Pathology	Urine	Specific gravity	Photoelectric Calorimetry	HS-SOP-LAB-CM-001:2019

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Clinical Pathology	Urine	Urobilinogen	Photoelectric Calorimetry	HS-SOP-LAB-CM-001:2019
Serology	Serum	ANA SCREEN	ELISA	HS-SOP-LAB-SERO-04:2019
Serology	Serum	Anti-Cyclic Citrullinated Peptides (A-CCP)	ELISA	HS-SOP-LAB-SERO-05:2019
Serology	Serum	ANTI GLIADIN-IGA	ELISA	HS-SOP-LAB-SERO-10:2019
Serology	Serum	Anti HAV IgM	Immunometric Technique (Antibody Class Capture)	HS-SOP-LAB-SERO-11:2019
Serology	Serum	Anti HAV Total	Competitive Immunoassay	HS-SOP-LAB-SERO-12:2019
Serology	Serum	Anti HBS	Immunometric	HS-SOP-LAB-SERO-06:2019
Serology	Serum	Anti Streptolysin O	Two-point Rate Latex Agglutination	HS-SOP-LAB-SERO-02:2019
Serology	Stool	Calprotectin	ELISA	HS-SOP-LAB-SERO-09:2019
Serology	Serum	Hepatitis B Surface Antigen (HBsAg)	Immunometric	HS-SOP-LAB-SERO-13:2019
Serology	Serum	Hepatitis C Virus Antibody (HCV Antibody)	Immunometric	HS-SOP-LAB-SERO-01:2019

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Serology	Serum	Human Immunodeficiency Virus 1 &2 (HIV 1&2)	Immunometric Bridging Technique	HS-SOP-LAB-SERO-03:2019
Serology	Serum	Rheumatoid Factor	Two-point Rate Latex Agglutination	HS-SOP-LAB-SERO-14:2019
END				