

Accreditation Scope

Ghayathi Hospital, NAM 007
Medical Laboratory, (ISO 15189:2012)

Ghayathi, Al Dhafra Region – Abu Dhabi, UAE

Issue Date: 08-02-2021

Expiry Date: 07-02-2024

Issue No: 001

Medical Field	Biological Sample	Components / Analytes	Examination technique	Examination Procedure Reference
Chemistry	Blood (Serum/Plasma)	GLUCOSE	Cobas 501 & Cobas 311	ADH-GH-LAB-SOP-03-060 (V3)
Chemistry	Blood (Serum/Plasma)	UREA	Cobas 501 & Cobas 311	ADH-GH-LAB-SOP-03-093(V3)
Chemistry	Blood (Serum/Plasma)	CREATININE	Cobas 501 & Cobas 311	ADH-GH-LAB-SOP-03-078(V3)
Chemistry	Blood (Serum/Plasma)	URIC ACID	Cobas 501	ADH-GH-LAB-SOP-03-094(V3)
Chemistry	Blood (Serum/Plasma)	TOTAL PROTEIN	Cobas 501	ADH-GH-LAB-SOP-03-095(V3)
Chemistry	Blood (Serum/Plasma)	ALBUMIN	Cobas 501	ADH-GH-LAB-SOP-03-069(V3)
Chemistry	Blood (Serum/Plasma)	BILIRUBIN TOTAL	Cobas 501	ADH-GH-LAB-SOP-03-089(V3)
Chemistry	Blood (Serum/Plasma)	BILIRUBIN DIRECT	Cobas 501	ADH-GH-LAB-SOP-03-080(V3)
Chemistry	Blood (Serum/Plasma)	ALT	Cobas 501	ADH-GH-LAB-SOP-03-071(V3)
Chemistry	Blood (Serum/Plasma)	AST	Cobas 501	ADH-GH-LAB-SOP-03-073(V3)
Chemistry	Blood (Serum/Plasma)	ALP	Cobas 501	ADH-GH-LAB-SOP-03-070(V3)
Chemistry	Blood (Serum/Plasma)	GGT	Cobas 501	ADH-GH-LAB-SOP-03-081(V3)
Chemistry	Blood (Serum/Plasma)	AMYLASE	Cobas 501	ADH-GH-LAB-SOP-03-072(V3)

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Chemistry	Blood (Serum/Plasma)	CALCIUM	Cobas 501	ADH-GH-LAB-SOP-03-074(V3)
Chemistry	Blood (Serum/Plasma)	PHOSPHORUS	Cobas 501	ADH-GH-LAB-SOP-03-088(V3)
Chemistry	Blood (Serum/Plasma)	MAGNISIUUM	Cobas 501	ADH-GH-LAB-SOP-03-087(V3)
Chemistry	Blood (Serum/Plasma)	CHOLESTEROL	Cobas 501	ADH-GH-LAB-SOP-03-075(V3)
Chemistry	Blood (Serum/Plasma)	TRIGYLECRIDES	Cobas 501	ADH-GH-LAB-SOP-03-092(V3)
Chemistry	Blood (Serum/Plasma)	HDL	Cobas 501092	ADH-GH-LAB-SOP-03-083(V3)
Chemistry	Blood (Serum/Plasma)	LDL	Cobas 501	ADH-GH-LAB-SOP-03-086(V3)
Chemistry	Blood (Serum/Plasma)	CK	Cobas 501	ADH-GH-LAB-SOP-03-063(V3)
Chemistry	Blood (Serum/Plasma)	CKMB	Cobas 501	ADH-GH-LAB-SOP-03-062(V3)
Chemistry	Blood (Serum/Plasma)	IRON	Cobas 501	ADH-GH-LAB-SOP-03-084(V3)
Chemistry	Blood (Serum/Plasma)	LDH	Cobas 501	ADH-GH-LAB-SOP-03-085(V3)
Chemistry	Blood (Serum/Plasma)	CRP	Cobas 501 & Cobas 311	ADH-GH-LAB-SOP-03-079(V3)
Chemistry	Blood (Serum/Plasma)	TRANSFERRIN	Cobas 501	ADH-GH-LAB-SOP-03-091(V3)

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Chemistry	Blood (Serum/Plasma)	CO2	Cobas 501 & Cobas 311	ADH-GH-LAB-SOP-03-077(V3)
Chemistry	Blood(Plasma)	D DIMER	Cobas 501	ADH-GH-LAB-SOP-03-098(V3)
Chemistry	Blood(Plasma)	Lactate	Cobas 501	ADH-GH-LAB-SOP-03-097(V3)
Chemistry	Blood (Serum/Plasma)	Na+	Cobas 501 & Cobas 311	ADH-GH-LAB-SOP-03-103(V3)
Chemistry	Blood (Serum/Plasma)	K+	Cobas 501 & Cobas 311	ADH-GH-LAB-SOP-03-103(V3)
Chemistry	Blood (Serum/Plasma)	CL-	Cobas 501 & Cobas 311	ADH-GH-LAB-SOP-03-103(V3)
Chemistry	Blood (Serum/Plasma)	OSMOLALITY/ CALCULATED	Cobas 501	ADH-GH-LAB-SOP-01-195(V3)
Chemistry	Blood (Serum/Plasma)	GFR/CALCULATED	Cobas 501 & Cobas 311	ADH-GH-LAB-SOP-01-195(V3)
Chemistry	Blood (Serum/Plasma)	LOW DENSITY LIPOPROTEIN CHOLESTEROL/CALCULATED	Cobas 501	ADH-GH-LAB-SOP-01-195(V3)
Chemistry	Urine	ALBUMIN URINE	Cobas 501	ADH-GH-LAB-SOP-03-096(V3)
Chemistry	Urine	CREATININE URINE	Cobas 501	ADH-GH-LAB-SOP-03-078(V3)
Chemistry	Urine	TOTAL PROTEIN URINE	Cobas 501	ADH-GH-LAB-SOP-03-090(V3)

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Chemistry	Urine	Na+ URINE	Cobas 501	ADH-GH-LAB-SOP-03-103(V3)
Chemistry	Urine	K+ URINE	Cobas 501	ADH-GH-LAB-SOP-03-103(V3)
Chemistry	Urine	CL- URINE	Cobas 501	ADH-GH-LAB-SOP-03-103(V3)
Chemistry	Urine	Amylase URINE	Cobas 501	ADH-GH-LAB-SOP-03-072(V3)
Chemistry	Urine	CALCIUM URINE	Cobas 501	ADH-GH-LAB-SOP-03-074(V3)
Chemistry	Urine	MAGNISUM URINE	Cobas 501	ADH-GH-LAB-SOP-03-087(V3)
Chemistry	Urine	GLUCOSE URINE	Cobas 501	ADH-GH-LAB-SOP-03-060(V3)
Chemistry	Urine	PHOSPHORUS URINE	Cobas 501	ADH-GH-LAB-SOP-03-088(V3)
Chemistry	Urine	UREA URINE	Cobas 501	ADH-GH-LAB-SOP-03-093(V3)
Chemistry	Urine	URIC ACID URINE	Cobas 501	ADH-GH-LAB-SOP-03-094(V3)
Chemistry	Serum/Plasma/Urine	Osmolality BLOOD & URINE	Cobas 501	ADH-GH-LAB-SOP-01-195(V1)
Chemistry	CSF	ALBUMIN CSF	Cobas 501	ADH-GH-LAB-SOP-03-096(V3)
Chemistry	CSF	TOTAL PROTEIN CSF	Cobas 501	ADH-GH-LAB-SOP-03-090(V3)

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Chemistry	CSF	LDH CSF	Cobas 501	ADH-GH-LAB-SOP-03-085(V3)
Chemistry	CSF	GLUCOSE CSF	Cobas 501	ADH-GH-LAB-SOP-03-060(V3)
Chemistry	CSF	Lactate CSF	Cobas 501	ADH-GH-LAB-SOP-03-086(V3)
Chemistry	Serum/Plasma	LIPASE	Cobas 501	ADH-GH-LAB-SOP-01-183(V1)
Chemistry	Serum/Plasma	PROCALCITONIN	Elecsys 601	ADH-GH-LAB-SOP-01-184(V1)
Chemistry	Whole Blood	HBA1C	Cobas 501	ADH-GH-LAB-SOP-03-082(V3)
Chemistry	Blood (Serum/Plasma)	TROPONIN	Elecsys 601 & Elecsys 411	ADH-GH-LAB-SOP-03-061(V3)
Chemistry	Blood (Serum/Plasma)	BRO BNP	Elecsys 601	ADH-GH-LAB-SOP-03-064(V3)
Chemistry	Blood (Serum/Plasma)	BETA HCG	Elecsys 601 & Elecsys 411	ADH-GH-LAB-SOP-03-059(V3)
Chemistry	Blood (Serum/Plasma)	TSH	Elecsys 601	ADH-GH-LAB-SOP-03-05(V3)
Chemistry	Blood (Serum/Plasma)	FREE T4	Elecsys 601	ADH-GH-LAB-SOP-03-054(V3)
Chemistry	Blood (Serum/Plasma)	FREE T3	Elecsys 601	ADH-GH-LAB-SOP-03-053(V3)
Chemistry	Blood (Serum/Plasma)	PROLACTIN	Elecsys 601	ADH-GH-LAB-SOP-03-058(V3)

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Chemistry	Blood (Serum/Plasma)	FSH	Elecsys 601	ADH-GH-LAB-SOP-03-056(V3)
Chemistry	Blood (Serum/Plasma)	LH	Elecsys 601	ADH-GH-LAB-SOP-03-057(V3)
Chemistry	Blood (Serum/Plasma)	FERRITIN	Elecsys 601	ADH-GH-LAB-SOP-03-065(V3)
Chemistry	Blood (Serum)	VITAMIN D	Elecsys 601	ADH-GH-LAB-SOP-03-102(V3)
Chemistry	Blood (Serum)	HIV	Elecsys 601	ADH-GH-LAB-SOP-03-067(V3)
Chemistry	Blood (Serum)	HEP B SURFACE ANTIGEN	Elecsys 601	ADH-GH-LAB-SOP-03-068(V3)
Chemistry	Blood (Serum)	ANTI-HEP B SURFACE ANTIBODY	Elecsys 601	ADH-GH-LAB-SOP-03-100(V3)
Chemistry	Blood (Serum)	SYPHILIS ANTIBODIES	Elecsys 601	ADH-GH-LAB-SOP-03-099(V3)
Chemistry	Blood (Serum)	Anti-HEP C VIRUS ANTIBODY	Elecsys 601	ADH-GH-LAB-SOP-03-101(V3)
Chemistry	Blood (Serum)	RUBELLA IgGs	Elecsys 601	ADH-GH-LAB-SOP-03-104(V3)
Haematology	Serum	ASO LATEX	Manual Latex Agglutination	ADH-GH-LAB-SOP-04-133(V4)
Haematology	Serum	Rheumatoid factor	Manual Latex Agglutination	ADH-GH-LAB-SOP-04-134(V4)

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Medical Field	Biological Sample	Components / Analytes	Examination technique	Examination Procedure Reference
Blood bank	EDTA plasma	Antibody screen	Gel Column Agglutination Technique (ID-Diamed)	ADH-GH-LAB-SOP-206(V1)
Haematology	Citrated plasma	APTT	Optical Detection (Sysmex CA-660)	ADH-GH-LAB-SOP-04-140(V4)
Haematology	Whole Blood (EDTA)	Blood film	Microscopic Manual Examination	ADH-GH-LAB-PP-04-191(V4)
Blood bank	EDTA plasma and Whole Blood (EDTA)	Blood group and Rh typing	Gel Column Agglutination Technique (ID-Diamed)	ADH-GH-LAB-SOP-03-022(V3)
Haematology	Whole Blood (EDTA)	CBC + DIFF	1. WBC count and Differential count - Fluorescence Flow Cytometry Technique 2. Hgb –SLS method 3. RBC count and Platelet – Hydrodynamically Focused DC Detection Method (impedance) 4. HCT –RBC pulse high detection method	ADH-GH-LAB-SOP-04-138(V4)

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			5. MCV, MCH and MCHC – calculated (Sysmex XT-2000i) (Sysmex XT-2000i)	
Blood bank	EDTA plasma	Cross matching	Gel Column Agglutination Technique (ID-Diamed)	ADH-GH-LAB-SOP-205(V1)
Blood bank	Whole Blood (EDTA)	DAT	Gel Column Agglutination Technique (ID-Diamed)	ADH -GH-LAB-SOP-205(V3)
Haematology	Whole Blood (Citrate)	ESR	Westergren Method	ADH-GH-LAB-SOP-04-131(V4)
Haematology	Whole Blood (EDTA)	G6PD qualitative	Fluorescence using UV light Method (production of NADPH)	ADH-GH-LAB-SOP-04-190(V4)
Haematology	Whole Blood (EDTA)	Malaria screening	Chromatographic Immunoassay (Nadal Malaria Pf/Pan Ag 4 Species Test Kit)	ADH-GH-LAB-SOP-04-132(V4)
Haematology	Citrated plasma	PT/INR	PT technique is Optical Detection INR is calculated (Sysmex CA-660)	ADH-GH-LAB-SOP-04-139(V4)
Haematology	Whole Blood (EDTA)	Reviewing CBC Report and Blood		ADH-GH-LAB-PP-04-191(V4)

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Medical Field	Biological Sample	Components / Analytes	Examination technique	Examination Procedure Reference
		Film SOP	Microscopic manual examination using KIT RAL stain	
Haematology	Whole Blood (EDTA)	Malaria Parasites Examination (Slide Method)	Microscopic manual examination using KIT RAL stain	ADH-GH-LAB-SOP-04-130(V4)
Haematology	Whole Blood (EDTA)	Reticulocytes automated count	Fluorescence Flow Cytometry Technique using semi-conductor laser/adaptive cluster analysis (Sysmex XT-2000i)	ADH-GH-LAB-SOP-04-13(V4)
Microbiology	Urine	Urine Routine Analysis	U411	ADH-GH-LAB-SOP-04-160(V4)
Microbiology	Urine	Urine microscopic examination	Microscopy	ADH-GH-LAB-SOP-04-160(V4)
Microbiology	Urine	Urine pregnancy test.	ICT Cards	ADH-GH-LAB-SOP-04-164(V4)
Microbiology	stool	Stool examination.	Microscopy	ADH-GH-LAB-SOP-04-159(V4)
Microbiology	stool	Stool occult blood test.	ICT Cards	ADH-GH-LAB-SOP-04-165(V4)
Microbiology	Skin scrapping	KoH preparation.	Microscopy	ADH-GH-LAB-SOP-04-161(V4)
Microbiology	semen	Semen analysis	Microscopy	ADH-GH-LAB-SOP-04-162(V4)

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Medical Field	Biological Sample	Components / Analytes	Examination technique	Examination Procedure Reference
Microbiology	All Pathological Samples	Gram's stain	Microscopy	ADH-GH-LAB-SOP-04-174(V4)
Microbiology	urine	Urine culture	Vitek2 Compact	ADH-GH-LAB-SOP-04-152(V4)
Microbiology	stool	Stool culture	Vitek2 Compact	ADH-GH-LAB-SOP-04-151(V4)
Microbiology	sputum	Sputum culture	Vitek2 Compact	ADH-GH-LAB-SOP-04-154(V4)
Microbiology	blood	Blood culture	Vitek2 Compact	ADH-GH-LAB-SOP-04-182(V4)
Microbiology	ETT	Endotracheal aspirate /tube culture	Vitek2 Compact	ADH-GH-LAB-SOP-04-154(V4)
Microbiology	Abscess	Abscess, fluid and exudates culture	Vitek2 Compact	ADH-GH-LAB-SOP-04-153(V4)
Microbiology	Nasal swab	Nasal swab culture	Vitek2 Compact	ADH-GH-LAB-SOP-04-154(V4)
Microbiology	Throat swab	Throat swab culture	Vitek2 Compact	ADH-GH-LAB-SOP-04-154(V4)
Microbiology	HVs swab	HVS culture	Vitek2 Compact	ADH-GH-LAB-SOP-04-150(V4)
Microbiology	LVS swab	LVS culture	Vitek2 Compact	ADH-GH-LAB-SOP-04-150(V4)
Microbiology	Urithral discharge	Urethral swab culture	Vitek2 Compact	ADH-GH-LAB-SOP-04-150(V4)

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Microbiology	Eye swab	Eye swab culture	Vitek2 Compact	ADH-GH-LAB-SOP-04-191(V4)
Microbiology	Ear swab	Ear swab culture	Vitek2 Compact	ADH-GH-LAB-SOP-04-193(V4)
Microbiology	Nasal, groin, axilla	MRSA screening	Vitek2 Compact	ADH-GH-LAB-SOP-04-177(V4)
Microbiology	Wound swab	Wound culture	Vitek2 Compact	ADH-GH-LAB-SOP-04-153(V4)
Microbiology	CSF	CSF culture	Vitek2 Compact	ADH-GH-LAB-SOP-04-179(V4)
Microbiology	LVS swab	Group B streptococci screening	Vitek2 Compact	ADH-GH-LAB-SOP-04-150(V4)
Microbiology	Skin Scapping	Fungal culture (skin scraping ,hair and nails)	Vitek2 Compact	ADH-GH-LAB-SOP-04-196(V4)
Microbiology	Rectal swab	CRE Screening	Vitek2 Compact	ADH-GH-LAB-SOP-04-176(V4)
Microbiology	Stool	H. pylori stool Antigen	ICT Cards	ADH-GH-LAB-SOP-04-163(V4)
Microbiology	NPA/ NPS	RSV antigen	ICT Cards	ADH-GH-LAB-SOP-04-194(V4)
Microbiology	Stool	Rotavirus Antigen	ICT Cards	ADH-GH-LAB-SOP-04-166(V4)
Microbiology	Stool	Adenovirus antigen	ICT Cards	ADH-GH-LAB-SOP-04-166(V4)

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Microbiology	Throat swab	Streptococci A Antigen rapid test.	Vitek2 Compact	ADH-GH-LAB-SOP-04-167(V4)
Microbiology	NPA/ NFS	Influenza A and B Antigen	ICT Cards	ADH-GH-LAB-SOP-04-169(V4)
Microbiology	Sputum	Acid Fast Bacilli staining	Microscopy	ADH-GH-LAB-SOP-01-181(V1)
END				