



THE HASHEMITE KINGDOM OF JORDAN

Accreditation Unit



Annex (1)

Updated on: 13/10/2025

To The Accreditation Certificate No. **JAS Med. – 006b** Dated **2022- 11-22**
for **Biolab (Al-Mekbarioun Al-Arab Co.) - Biolab 04/ Amman**

Scope of Accreditation

**In the Fields of Clinical Chemistry, Immunology and Serology,
Hematology, Blood Banking, Coagulation, & Urine and other Body Fluids**

SOP	Main Profile (Sub-Profile)	Parameter/Analyte	Sample type	Test method	Instrument
CHE-SOP-026	Clinical Chemistry (Routine)	Albumin	Serum	Dye binding-bromocresol purple	Cobas pro
CHE-SOP-026	Clinical Chemistry (Routine)	Bilirubin Direct	Serum	Diazonium salt/ Ion with blank method	Cobas pro
CHE-SOP-026	Clinical Chemistry (Routine)	Total bilirubin	Serum	Diazonium salt/ Ion with blank method	Cobas pro
CHE-SOP-026	Clinical Chemistry (Routine)	Total Protein	Serum	Biuret	Cobas pro
CHE-SOP-026	Clinical Chemistry (Routine)	ALT (GPT)	Serum	IFCC	Cobas pro
CHE-SOP-026	Clinical Chemistry (Routine)	GGT	Serum	Enzymatic Colorimetric assay	Cobas pro
CHE-SOP-026	Clinical Chemistry (Routine)	Cholesterol	Serum	Enzymatic Colorimetric assay	Cobas pro
CHE-SOP-026	Clinical Chemistry (Routine)	HDL-Cholesterol	Serum	Polyethylene glycol with enzymatic quantitation	Cobas pro
CHE-SOP-026	Clinical Chemistry (Routine)	Triglycerides	Serum	Enzymatic Colorimetric assay	Cobas pro
CHE-SOP-026	Clinical Chemistry (Routine)	LDL-Cholesterol	Serum	Enzymatic Colorimetric assay	Cobas pro
CHE-SOP-026	Clinical Chemistry (Routine)	Iron	Serum	Ferrochrome-Ferozine	Cobas pro
CHE-SOP-026	Clinical Chemistry (Routine)	UIBC	Serum	Ferrochrome-Ferozine	Cobas pro
CHE-SOP-026	Clinical Chemistry (Special Chemistry)	B12	Serum	ECLIA	Cobas pro
CHE-SOP-026	Clinical Chemistry (Special Chemistry)	Ferritin	Serum	Immunoturbidimetric assay	Cobas pro



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CHE-SOP-026	Clinical Chemistry (Special Chemistry)	Folate	Serum	ECLIA	Cobas pro
CHE-SOP-026	Clinical Chemistry (Routine)	Magnesium	Serum	Enzymatic glycerol kinase	Cobas pro
CHE-SOP-026	Clinical Chemistry (Routine)	Calcium	Serum	O-cresolphthalein Complexone	Cobas pro
CHE-SOP-026	Clinical Chemistry (Routine)	Phosphorous	Serum	Phosphomolybdate with any reduction method	Cobas pro
CHE-SOP-026	Clinical Chemistry (Special Chemistry)	Vitamin D	Serum	ECLIA	Cobas pro
CHE-SOP-026	Clinical Chemistry (Endocrinology)	Parathyroid hormone	Serum	ECLIA	Cobas pro
CHE-SOP-026	Clinical Chemistry (Routine)	Creatinine	Serum	Jaffe reaction-alkaline picrate (without Lloyd's reagent)	Cobas pro
CHE-SOP-026	Clinical Chemistry (Routine)	Uric Acid	Serum	Uricase	Cobas pro
CHE-SOP-026	Clinical Chemistry (Routine)	Urea / BUN	Serum	Urease with GLDH-coupled enzymes	Cobas pro
CHE-SOP-026	Clinical Chemistry (Routine)	Na (s)	Serum	ISE	Cobas pro
CHE-SOP-026	Clinical Chemistry (Routine)	K (s)	Serum	ISE	Cobas pro
CHE-SOP-026	Clinical Chemistry (Routine)	Cl (s)	Serum	ISE	Cobas pro
CHE-SOP-026	Clinical Chemistry (Routine)	Alk-Phosphatase	Serum	IFCC	Cobas pro
CHE-SOP-026	Clinical Chemistry (Routine)	AST (GOT)	Serum	IFCC	Cobas pro



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CHE-SOP-026	Clinical Chemistry (Routine)	CPK	Serum	Enzymatic Colorimetric assay	Cobas pro
CHE-SOP-026	Clinical Chemistry (Routine)	A1C	Serum	Immunoturbidimetric assay	Cobas pro
CHE-SOP-026	Clinical Chemistry (Endocrinology)	Insulin	Serum	ECLIA	Cobas pro
CHE-SOP-026	Clinical Chemistry (Routine)	Glucose	Serum	Hexokinase-colorimetric	Cobas pro
CHE-SOP-026	Clinical Chemistry (Special Chemistry)	Homocysteine	Serum	Enzymatic assay	Cobas pro
CHE-SOP-026	Clinical Chemistry (Endocrinology)	TSH	Serum	ECLIA	Cobas pro
CHE-SOP-026	Clinical Chemistry (Endocrinology)	FT4	Serum	ECLIA	Cobas pro
CHE-SOP-026	Clinical Chemistry (Endocrinology)	FT3	Serum	ECLIA	Cobas pro
CHE-SOP-026	Immunology and Serology	Anti-thyroglobulin	Serum	ECLIA	Cobas pro
CHE-SOP-026	Immunology and Serology	Anti-thyroid peroxidase	Serum	ECLIA	Cobas pro
CHE-SOP-026	Clinical Chemistry (Endocrinology)	Growth Hormone	Serum	ECLIA	Cobas pro
CHE-SOP-026	Clinical Chemistry (Endocrinology)	Cortisol	Serum	ECLIA	Cobas pro
CHE-SOP-026	Clinical Chemistry (Endocrinology)	ACTH	Serum	ECLIA	Cobas pro
CHE-SOP-026	Clinical Chemistry (Endocrinology)	Beta-HCG	Serum	ECLIA	Cobas pro
CHE-SOP-026	Clinical Chemistry (Endocrinology)	Anti-Mullerian hormone	Serum	ECLIA	Cobas pro



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CHE-SOP-026	Clinical Chemistry (Special Chemistry)	AFP-tumor marker (AFM)	Serum	ECLIA	Cobas pro
CHE-SOP-026	Clinical Chemistry (Special Chemistry)	CA125	Serum	ECLIA	Cobas pro
CHE-SOP-026	Clinical Chemistry (Special Chemistry)	CA153	Serum	ECLIA	Cobas pro
CHE-SOP-026	Clinical Chemistry (Special Chemistry)	CA199	Serum	ECLIA	Cobas pro
CHE-SOP-026	Clinical Chemistry (Special Chemistry)	TPSA	Serum	ECLIA	Cobas pro
CHE-SOP-026	Clinical Chemistry (Special Chemistry)	FPSA	Serum	ECLIA	Cobas pro
CHE-SOP-026	Clinical Chemistry (Special Chemistry)	CEA	Serum	ECLIA	Cobas pro
CHE-SOP-026	Clinical Chemistry (Endocrinology)	FHCG	Serum	ECLIA	Cobas pro
CHE-SOP-026	Clinical Chemistry (Endocrinology)	PAPP-A	Serum	ECLIA	Cobas pro
ROU-SOP-003	Clinical Chemistry (Endocrinology)	HCG in urine	Urine	Latex	visual assessment
CHE-SOP-026	Clinical Chemistry (Endocrinology)	Testosterone	Serum	ECLIA	Cobas pro
CHE-SOP-026	Clinical Chemistry (Endocrinology)	Prolactin	Serum	ECLIA	Cobas pro
CHE-SOP-026	Clinical Chemistry (Endocrinology)	DHEA-S	Serum	ECLIA	Cobas pro
CHE-SOP-026	Clinical Chemistry (Endocrinology)	Estradiol (E2)	Serum	ECLIA	Cobas pro
CHE-SOP-026	Clinical Chemistry (Endocrinology)	Progesterone	Serum	ECLIA	Cobas pro



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SOP	Main Profile (Sub-Profile)	Parameter/Analyte	Sample type	Test method	Instrument
CHE-SOP-026	Clinical Chemistry (Endocrinology)	FSH	Serum	ECLIA	Cobas pro
CHE-SOP-026	Clinical Chemistry (Endocrinology)	LH	Serum	ECLIA	Cobas pro
CHE-SOP-026	Immunology and Serology	IgE	Serum	ECLIA	Cobas pro
CHE-SOP-026	Immunology and Serology	ASO	Serum	Immunoturbidimetric assay	Cobas pro
CHE-SOP-026	Immunology and Serology	CRP	Serum	Immunoturbidimetric assay	Cobas pro
CHE-SOP-026	Immunology and Serology	RF	Serum	Immunoturbidimetric assay	Cobas pro
CHE-SOP-026	Immunology and Serology	CCP	Serum	ECLIA	Cobas pro
CHE-SOP-026	Immunology and Serology	Rubella IgG	Serum	ECLIA	Cobas pro
CHE-SOP-026	Immunology and Serology	Toxoplasma, IgG	Serum	ECLIA	Cobas pro
CHE-SOP-026	Immunology and Serology	Toxoplasma, IgM	Serum	ECLIA	Cobas pro
CHE-SOP-026	Immunology and Serology	HIV COM	Serum	ECLIA	Cobas pro
CHE-SOP-026	Immunology and Serology	HCV	Serum	ECLIA	Cobas pro
CHE-SOP-026	Immunology and Serology	HBsAg	Serum	ECLIA	Cobas pro
CHE-SOP-026	Immunology and Serology	Hepatitis A total	Serum	ECLIA	Cobas pro
CHE-SOP-026	Immunology and Serology	HAV, IgM	Serum	ECLIA	Cobas pro



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SOP	Main Profile (Sub-Profile)	Parameter/ Analyte	Sample type	Test method	Instrument
CHE-SOP-026	Immunology and Serology	Hepatitis B surface Ab	Serum	ECLIA	Cobas pro
HEM-SOP-022	Hematology (Routine)	WBC	EDTA	DC Detection Method	Sysmex NX 1000i
HEM-SOP-022	Hematology (Routine)	RBC	EDTA	DC Detection Method	Sysmex NX 1000i
HEM-SOP-022	Hematology (Routine)	MCV	EDTA	Calculated	Sysmex NX 1000i
HEM-SOP-022	Hematology (Routine)	MCH	EDTA	Calculated	Sysmex NX 1000i
HEM-SOP-022	Hematology (Routine)	MCHC	EDTA	Calculated	Sysmex NX 1000i
HEM-SOP-022	Hematology (Routine)	Platelets	EDTA	DC Detection Method	Sysmex NX 1000i
HEM-SOP-022	Hematology (Routine)	Hemoglobin	EDTA	Non-Cyanide Hemoglobin Analysis	Sysmex NX 1000i
HEM-SOP-022	Hematology (Routine)	HCT	EDTA	RBC pulse height detection method	Sysmex NX 1000i
HEM-SOP-022	Hematology (Routine)	WBC Diff	EDTA	Fluorescent	Sysmex NX 1000i
HEM-SOP-022	Hematology (Routine)	Reticulocytes	EDTA	Fluorescent	Sysmex NX 1000i
HEM-SOP-001	Hematology (Routine)	ESR	Whole Blood in EDTA tube	Modified Westergren	Westergren Tube and measured
HEM-SOP-013	Hematology (Special Hematology)	Blood film	Whole Blood in EDTA tube	Wright stain	microscope/visual
HEM-SOP-004	Blood Banking (Immunohematology)	ABO Group	Whole Blood in EDTA tube	Tube method	test tube visual assessment or macroscopic



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SOP	Main Profile (Sub-Profile)	Parameter/ Analyte	Sample type	Test method	Instrument
HEM-SOP-010	Coagulation (Routine)	Bleeding time	A fresh whole blood	DUKE (Filter paper disc Whatman®)	visual assessment
HEM-SOP-010	Coagulation (Routine)	Clotting time	A fresh whole blood in Plain glass tube	LEE and White (Glass tube method)	visual assessment
ROU-SOP-001	Urine and other Body Fluids	Urine analysis	Urine	Manual Visual reading of strip Microscopic reading of specimen on slide	visual assessment and microscope

List of employees in the laboratory who are technically responsible for issuing the test reports in the scope of accreditation:

1. Lab. Director/ Dr. Farakid Al Khafaji
2. Deputy Lab Director/ Biolab Lab Directors