



THE HASHEMITE KINGDOM OF JORDAN

Accreditation Unit



Annex (1)

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, Serology, Hormones, Hematology,
Immunohematology, Coagulation, and Medical Microscopy (Urine)**

SOP	Parameter/ Analyte	Subgroup/ Area of Examination	Sample type	Test method	Instrument
CHE-SOP-026	Albumin	Clinical Chemistry (Liver Profile)	Serum	Dye binding- bromocresol purple	Cobas pro
CHE-SOP-026	Bilirubin Direct	Clinical Chemistry (Liver Profile)	Serum	Diazonium salt/ Ion with blank method	Cobas pro
CHE-SOP-026	Total bilirubin	Clinical Chemistry (Liver Profile)	Serum	Diazonium salt/ Ion with blank method	Cobas pro
CHE-SOP-026	Total Protein	Clinical Chemistry (Liver Profile)	Serum	Biuret	Cobas pro
CHE-SOP-026	ALT (GPT)	Clinical Chemistry (Liver Profile)	Serum	IFCC	Cobas pro
CHE-SOP-026	GGT	Clinical Chemistry (Liver Profile)	Serum	Enzymatic Colorimetric assay	Cobas pro
CHE-SOP-026	Cholesterol	Clinical Chemistry (Lipid Profile)	Serum	Enzymatic Colorimetric assay	Cobas pro
CHE-SOP-026	HDL-Cholesterol	Clinical Chemistry (Lipid Profile)	Serum	Polyethylene glycol with enzymatic quantitation	Cobas pro
CHE-SOP-026	Triglycerides	Clinical Chemistry (Lipid Profile)	Serum	Enzymatic Colorimetric assay	Cobas pro
CHE-SOP-026	LDL-Cholesterol	Clinical Chemistry (Lipid Profile)	Serum	Enzymatic Colorimetric assay	Cobas pro
CHE-SOP-026	Iron	Clinical Chemistry (Anemia Profile)	Serum	Ferrochrome- Ferozine	Cobas pro
CHE-SOP-026	UIBC	Clinical Chemistry (Anemia Profile)	Serum	Ferrochrome- Ferozine	Cobas pro



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CHE-SOP-026	B12	Clinical Chemistry (Anemia Profile)	Serum	ECLIA	Cobas pro
CHE-SOP-026	Ferritin	Clinical Chemistry (Anemia Profile)	Serum	Immunoturbidimetric assay	Cobas pro
CHE-SOP-026	Folate	Clinical Chemistry (Anemia Profile)	Serum	ECLIA	Cobas pro
CHE-SOP-026	Magnesium	Clinical Chemistry (Trace Elements Profile)	Serum	Enzymatic glycerol kinase	Cobas pro
CHE-SOP-026	Calcium	Clinical Chemistry (Bone Profile)	Serum	O-cresolphthalein Complexone	Cobas pro
CHE-SOP-026	Phosphorous	Clinical Chemistry (Bone Profile)	Serum	Phosphomolybdate with any reduction method	Cobas pro
CHE-SOP-026	Vitamin D	Clinical Chemistry (Bone Profile)	Serum	ECLIA	Cobas pro
CHE-SOP-026	Parathyroid hormone	Clinical Chemistry (Bone Profile)	Serum	ECLIA	Cobas pro
CHE-SOP-026	Creatinine	Clinical Chemistry (Kidney profile)	Serum	Jaffe reaction- alkaline picrate (without Lloyd's reagent)	Cobas pro
CHE-SOP-026	Uric Acid	Clinical Chemistry (Kidney profile)	Serum	Uricase	Cobas pro
CHE-SOP-026	Urea / BUN	Clinical Chemistry (Kidney profile)	Serum	Urease with GLDH- coupled enzymes	Cobas pro
CHE-SOP-026	NAS	Clinical Chemistry (Kidney Profile)	Serum	ISE	Cobas pro
CHE-SOP-026	KS	Clinical Chemistry (Kidney Profile)	Serum	ISE	Cobas pro



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CHE-SOP-026	CLS	Clinical Chemistry (Kidney Profile)	Serum	ISE	Cobas pro
CHE-SOP-026	Alk-Phosphatase IFCC	Clinical Chemistry (Bone Profile/ Liver profile)	Serum	IFCC	Cobas pro
CHE-SOP-026	AST (GOT)	Clinical Chemistry (Liver Profile/ Cardiac profile)	Serum	IFCC	Cobas pro
CHE-SOP-026	CPK	Clinical Chemistry (Muscle Profile/ Cardiac Profile)	Serum	Enzymatic Colorimetric assay	Cobas pro
CHE-SOP-026	A1C	Clinical Chemistry (Diabetic Profile)	Serum	Immunoturbidimetric assay	Cobas pro
CHE-SOP-026	Insulin	Clinical Chemistry (Diabetic Profile)	Serum	ECLIA	Cobas pro
CHE-SOP-026	Glucose	Clinical Chemistry (Diabetic Profile)	Serum	Hexokinase- colorimetric	Cobas pro
CHE-SOP-026	Homocysteine	Clinical Chemistry (Cardiac Profile)	Serum	Enzymatic assay	Cobas pro
CHE-SOP-026	TSH	Hormones (Thyroid Profile)	Serum	ECLIA	Cobas pro
CHE-SOP-026	FT4	Hormones (Thyroid Profile)	Serum	ECLIA	Cobas pro
CHE-SOP-026	FT3	Hormones (Thyroid Profile)	Serum	ECLIA	Cobas pro
CHE-SOP-026	Anti thyroglobulin	Hormones (Thyroid Profile)	Serum	ECLIA	Cobas pro
CHE-SOP-026	Anti thyroid peroxidase	Hormones (Thyroid Profile)	Serum	ECLIA	Cobas pro



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CHE-SOP-026	Growth Hormone	Hormones (Growth Profile)	Serum	ECLIA	Cobas pro
CHE-SOP-026	Cortisol	Hormones (Adrenal Profile)	Serum	ECLIA	Cobas pro
CHE-SOP-026	ACTH	Hormones (Adrenal Profile/ Pituitary Profile)	Serum	ECLIA	Cobas pro
CHE-SOP-026	HCG	Hormones (Pregnancy Profile/ Tumer (Ca) Markers Profile)	Serum	ECLIA	Cobas pro
CHE-SOP-026	Anti Mullerian hormone	Hormones (Pregnancy Profile/ Fertility Profile)	Serum	ECLIA	Cobas pro
CHE-SOP-026	AFP - tumor marker (AFM)	Hormones (Tumor (Ca) Markers Profile)	Serum	ECLIA	Cobas pro
CHE-SOP-026	CA125	Hormones (Tumor (Ca) Markers Profile)	Serum	ECLIA	Cobas pro
CHE-SOP-026	CA153	Hormones (Tumor (Ca) Markers Profile)	Serum	ECLIA	Cobas pro
CHE-SOP-026	CA199	Hormones (Tumor (Ca) Markers Profile)	Serum	ECLIA	Cobas pro
CHE-SOP-026	TPSA	Hormones (Tumor (Ca) Markers Profile)	Serum	ECLIA	Cobas pro
CHE-SOP-026	FPSA	Hormones (Tumor (Ca) Markers Profile)	Serum	ECLIA	Cobas pro



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CHE-SOP-026	CEA	Hormones (Tumer (Ca) Markers Profile)	Serum	ECLIA	Cobas pro
CHE-SOP-026	FHCG	Hormones (Pregnancy Profile)	Serum	ECLIA	Cobas pro
CHE-SOP-026	PAPP-A	Hormones (Pregnancy Profile)	Serum	ECLIA	Cobas pro
ROU-SOP-003	HCG in urine	Hormones (Pregnancy Profile)	Urine/ Serum	Latex	N/A
CHE-SOP-026	Testosterone	Hormones (Sex Hormones Profile)	Serum	ECLIA	Cobas pro
CHE-SOP-026	Prolactin	Hormones (Sex Hormones Profile)	Serum	ECLIA	Cobas pro
CHE-SOP-026	DHEA-S	Hormones (Sex Hormones Profile)	Serum	ECLIA	Cobas pro
CHE-SOP-026	Sex Binding Hormone	Hormones (Sex Hormones Profile)	Serum	ECLIA	Cobas pro
CHE-SOP-026	E2	Hormones (Sex Hormones Profile/ Fertility Profile)	Serum	ECLIA	Cobas pro
CHE-SOP-026	Progesterone	Hormones (Sex Hormones Profile/ Fertility Profile)	Serum	ECLIA	Cobas pro
CHE-SOP-026	FSH	Hormones (Sex Hormones Profile/ Fertility Profile)	Serum	ECLIA	Cobas pro
CHE-SOP-026	LH	Hormones (Sex Hormones Profile/ Fertility Profile)	Serum	ECLIA	Cobas pro



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CHE-SOP-026	IgE	Serology (Allergy Profile)	Serum	ECLIA	Cobas pro
CHE-SOP-026	ASO	Serology (Basic Serology Profile)	Serum	Immunoturbidimetric assay	Cobas pro
CHE-SOP-026	CRP	Serology (Basic Serology Profile)	Serum	Immunoturbidimetric assay	Cobas pro
CHE-SOP-026	RF	Serology (Basic Serology Profile)	Serum	Immunoturbidimetric assay	Cobas pro
CHE-SOP-026	CCP	Serology (Basic Serology Profile)	Serum	ECLIA	Cobas pro
CHE-SOP-026	Rub IgG	Serology (ToRCH Profile)	Serum	ECLIA	Cobas pro
CHE-SOP-026	Toxoplasma, IgG	Serology (ToRCH Profile)	Serum	ECLIA	Cobas pro
CHE-SOP-026	Toxoplasma, IgM	Serology (ToRCH Profile)	Serum	ECLIA	Cobas pro
CHE-SOP-026	COVID antibody	Serology (Other Special Serological Tests Profile)	Serum	ECLIA	Cobas pro
CHE-SOP-026	HIV COM	Serology (Other Special Serological Tests Profile)	Serum	ECLIA	Cobas pro
CHE-SOP-026	HCV	Serology (Hepatitis Profile)	Serum	ECLIA	Cobas pro
CHE-SOP-026	HBsAg	Serology (Hepatitis Profile)	Serum	ECLIA	Cobas pro



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SOP	Parameter/ Analyte	Subgroup/ Area of Examination	Sample type	Test method	Instrument
CHE-SOP-026	Hepatitis A total	Serology (Hepatitis Profile)	Serum	ECLIA	Cobas pro
CHE-SOP-026	HAV, IgM	Serology (Hepatitis Profile)	Serum	ECLIA	Cobas pro
CHE-SOP-026	Hepatitis B surface Ab	Serology (Hepatitis Profile)	Serum	ECLIA	Cobas pro
HEM-SOP-022	WBC	Hematology (CBC Profile)	EDTA	DC Detection Method	Sysmex NX 1000i
HEM-SOP-022	RBC	Hematology (CBC Profile)	EDTA	DC Detection Method	Sysmex NX 1000i
HEM-SOP-022	MCV	Hematology (CBC Profile)	EDTA	Calculated	Sysmex NX 1000i
HEM-SOP-022	MCH	Hematology (CBC Profile)	EDTA	Calculated	Sysmex NX 1000i
HEM-SOP-022	MCHC	Hematology (CBC Profile)	EDTA	Calculated	Sysmex NX 1000i
HEM-SOP-022	Platelets	Hematology (CBC Profile)	EDTA	DC Detection Method	Sysmex NX 1000i
HEM-SOP-022	Hemoglobin	Hematology (CBC Profile)	EDTA	Non-Cyanide Hemoglobin Analysis	Sysmex NX 1000i
HEM-SOP-022	HCT	Hematology (CBC Profile)	EDTA	RBC pulse height detection method	Sysmex NX 1000i
HEM-SOP-022	WBC Diff	Hematology (CBC Profile)	EDTA	Fluorescent	Sysmex NX 1000i
HEM-SOP-022	Reticulocytes	Hematology (CBC Profile)	EDTA	Fluorescent	Sysmex NX 1000i



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HEM-SOP-001	ESR	Hematology (ESR Profile)	EDTA	Modified Westergren	Manual
HEM-SOP-013	Blood film	Hematology (Blood Film, Manual Diff, and Stains Profile)	EDTA	Wright stain	Manual
HEM-SOP-004	BO Group	Immunohematology (Blood Group Profile)	EDTA	Slide and tube method (forward and reverse)	Manual
HEM-SOP-010	Bleeding time	Coagulation (Basic Coagulation Profile)	EDTA	DUKE	Manual
HEM-SOP-010	Clotting time	Coagulation (Basic Coagulation Profile)	EDTA	LEE and White	Manual
ROU-SOP-001	Urine analysis	Urine (Urine Routine Profile/ Urine Microscopic Profile)	Urine	Manual	N/A

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