



## Accreditation Unit

Annex (1)

Updated on: 13/02/2022

To the Accreditation Certificate No. **JAS Med. – 006b** Dated **27/09/2020**

For Biolab (Al-Mekbarioun Al-Arab Co.) Biolab 04/ Amman

### Scope of Accreditation

In the Field of Clinical Chemistry, Hormones, Hematology, Immunology,  
Routine Analysis and Microbiology

SOP	Parameter/ Analyte	Subgroup/ Area of Examination	Sample type	Test method	Instrument
HEM-SOP-018	R.B.C	Hematology	EDTA Whole Blood	DC Detection Method	Sysmex XS 500i
HEM-SOP-018	MCV	Hematology	EDTA Whole Blood	Calculated	Sysmex XS 500i
HEM-SOP-018	MCH	Hematology	EDTA Whole Blood	Calculated	Sysmex XS 500i
HEM-SOP-018	MCHC	Hematology	EDTA Whole Blood	Calculated	Sysmex XS 500i
HEM-SOP-018	Platelets	Hematology	EDTA Whole Blood	DC Detection Method	Sysmex XS 500i
HEM-SOP-018	Haemoglobin	Hematology	EDTA Whole Blood	Non-Cyanide Hemoglobin Analysis	Sysmex XS 500i
HEM-SOP-018	HCT	Hematology	EDTA Whole Blood	RBC pulse height detection method	Sysmex XS 500i
HEM-SOP-004	BO Group	Hematology	EDTA Whole Blood	Slide & Tube Method	Manual
HEM-SOP-001	ESR	Hematology	EDTA Whole Blood	Modified Westergren	Manual
HEM-SOP-018	W.B.C Diff.	Hematology	EDTA Whole Blood	Wright Stain	Manual
HEM-SOP-013	Blood Film	Hematology	EDTA Whole Blood	Wright Stain	Manual
HEM-SOP-010	Bleeding Time	Hematology	N/A	N/A	Stop watch



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SOP	Parameter/ Analyte	Subgroup/ Area of Examination	Sample type	Test method	Instrument
HEM-SOP-010	Clotting Time	Hematology	N/A	N/A	Stop watch
ROU-SOP-001	PH	Routine	Urine	N/A	Combur 10
ROU-SOP-001	Protein	Routine	Urine	TCA for confirmation	Combur 10
ROU-SOP-001	Glucose	Routine	Urine	Benedicts confirmation	Combur 10
ROU-SOP-001	Ketone	Routine	Urine	N/A	Combur 10
ROU-SOP-001	Bilirubin	Routine	Urine	HNO3 for confirmation	Combur 10
ROU-SOP-001	Urobilinogen	Routine	Urine	Ehrlich for confirmation	Combur 10
ROU-SOP-001	Nitrite	Routine	Urine	N/A	Combur 10
ROU-SOP-010	Urine Microscopy	Routine	Urine	N/A	Microscope
ROU-SOP-003	HCG in urine	Routine	Urine	Latex	Visual
CHE-SOP-009	GGT	Clinical Chemistry	Serum	Enzymatic Colorimetric assay	Cobas 6000/Cobas 6000 2



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CHE-SOP-009	Lipase	Clinical Chemistry	Serum	IFCC	Cobas 6000
CHE-SOP-009	ASO	Clinical Chemistry	Serum	Immunoturbidi metric assay	Cobas 6000
CHE-SOP-009	CRP	Clinical Chemistry	Serum	Immunoturbidi metric assay	Cobas 6000/Cobas 6000 2
CHE-SOP-009	RF	Clinical Chemistry	Serum	Immunoturbidi metric assay	Cobas 6000
CHE-SOP-009	Hemoglobin A1C	Clinical Chemistry	EDTA	Immunoturbidi metric assay	Cobas 6000/Cobas 6000 2
CHE-SOP-009	Ferritin	Clinical Chemistry	Serum	Immunoturbidi metric assay	Cobas 6000/Cobas 6000 2
CHE-SOP-009	Transferrin	Clinical Chemistry	Serum	Immunoturbidi metric assay	Cobas 6000
CHE-SOP-009	LDH	Clinical Chemistry	Serum	Pyruvate to lactate	Cobas 6000
CHE-SOP-009	Apolipoprotein A	Clinical Chemistry	Serum	Immunoturbidi metric assay	Cobas 6000
CHE-SOP-009	Apolipoprotein B	Clinical Chemistry	Serum	Immunoturbidi metric assay	Cobas 6000
CHE-SOP-009	NAS	Clinical Chemistry	Serum	ISE	Cobas 6000/Cobas 6000 2
CHE-SOP-009	KS	Clinical Chemistry	Serum	ISE	Cobas 6000/Cobas 6000 2



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SOP	Parameter/ Analyte	Subgroup/ Area of Examination	Sample type	Test method	Instrument
CHE-SOP-009	CLS	Clinical Chemistry	Serum	ISE	Cobas 6000/Cobas 6000 2
CHE-SOP-009	Creatinine in Urine	Clinical Chemistry	Urine	Rate- blank kinetic alkaline picrate	Cobas 6000
CHE-SOP-009	Total Protein / Urine	Clinical Chemistry	Urine	Benzethonium CL	Cobas 6000
CHE-SOP-009	Microalbuminu rea	Clinical Chemistry	Urine	Immunoturbidi metric assay	Cobas 6000
CHE-SOP-009	Albumin	Clinical Chemistry	Serum	Dye binding- bromocresol purple	Cobas 6000/Cobas 6000 2
CHE-SOP-009	Bilirubin Direct	Clinical Chemistry	Serum	Diazonium salt/ Ion with blank method	Cobas 6000/Cobas 6000 2
CHE-SOP-009	Total Bilirubin Special	Clinical Chemistry	Serum	Diazonium salt/ Ion with blank method	Cobas 6000/Cobas 6000 2
CHE-SOP-009	Calcium	Clinical Chemistry	Serum	O- cresolphthalein Complexone	Cobas 6000/Cobas 6000 2
CHE-SOP-009	Cholesterol	Clinical Chemistry	Serum	Enzymatic Colorimetric assay	Cobas 6000/Cobas 6000 2
CHE-SOP-009	Creatinine	Clinical Chemistry	Serum	Jaffe reaction- alkaline picrate (without Lloyd's reagent)	Cobas 6000/Cobas 6000 2
CHE-SOP-009	Glucose	Clinical Chemistry	Serum	Hexokinase- colorimetric	Cobas 6000/Cobas 6000 2



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SOP	Parameter/ Analyte	Subgroup/ Area of Examination	Sample type	Test method	Instrument
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SOP	Parameter/ Analyte	Subgroup/ Area of Examination	Sample type	Test method	Instrument
CHE-SOP-009	HDL- Cholesterol	Clinical Chemistry	Serum	Polyethylene glycol with enzymatic quantitation	Cobas 6000/Cobas 6000 2
CHE-SOP-009	LDL- Cholesterol	Clinical Chemistry	Serum	Enzymatic Colorimetric assay	Cobas 6000/Cobas 6000 2
CHE-SOP-009	Magnesium	Clinical Chemistry	Serum	Enzymatic glycerol kinase	Cobas 6000/Cobas 6000 2
CHE-SOP-009	Phosphorous	Clinical Chemistry	Serum	Phosphomolyb date with any reduction method	Cobas 6000/Cobas 6000 2
CHE-SOP-009	Total Protein	Clinical Chemistry	Serum	Biuret	Cobas 6000/Cobas 6000 2
CHE-SOP-009	Triglycerides	Clinical Chemistry	Serum	Enzymatic Colorimetric assay	Cobas 6000/Cobas 6000 2
CHE-SOP-009	Uric Acid	Clinical Chemistry	Serum	Uricase	Cobas 6000/Cobas 6000 2
CHE-SOP-009	Urea / BUN	Clinical Chemistry	Serum	Urease with GLDH- coupled enzymes	Cobas 6000/Cobas 6000 2
CHE-SOP-009	Alk- Phosphatase IFCC	Clinical Chemistry	Serum	IFCC	Cobas 6000/Cobas 6000 2
CHE-SOP-009	ALT (GPT)	Clinical Chemistry	Serum	IFCC	Cobas 6000/Cobas 6000 2



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SOP	Parameter/ Analyte	Subgroup/ Area of Examination	Sample type	Test method	Instrument
CHE-SOP-009	AST (GOT)	Clinical Chemistry	Serum	IFCC	Cobas 6000/Cobas 6000 2
CHE-SOP-009	GGT	Clinical Chemistry	Serum	Enzymatic Colorimetric assay	Cobas 6000/Cobas 6000 2
CHE-SOP-009	CRP	Clinical Chemistry	Serum	Immunoturbidi metric assay	Cobas 6000/Cobas 6000 2
CHE-SOP-009	Homocysteine	Clinical Chemistry	Serum	Enzymatic assay	Cobas 60002
CHE-SOP-009	Ferritin	Clinical Chemistry	Serum	Immunoturbidi metric assay	Cobas 6000/Cobas 6000 2
CHE-SOP-009	Hemoglobin A1C	Clinical Chemistry	EDTA	Immunoturbidi metric assay	Cobas 6000/Cobas 6000 2
CHE-SOP-009	TSH	Hormones	Serum	ECLIA	Cobas 6000/Cobas 6000 2
CHE-SOP-009	FT3	Hormones	Serum	ECLIA	Cobas 6000/Cobas 6000 2
CHE-SOP-009	FT4	Hormones	Serum	ECLIA	Cobas 6000/Cobas 6000 2
CHE-SOP-009	TPO	Hormones	Serum	ECLIA	Cobas 6000



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SOP	Parameter/ Analyte	Subgroup/ Area of Examination	Sample type	Test method	Instrument
CHE-SOP-009	B12	Hormones	Serum	ECLIA	Cobas 6000/Cobas 6000 2
CHE-SOP-009	FOL	Hormones	Serum	ECLIA	Cobas 6000 2
CHE-SOP-009	TSH	Hormones	Serum	ECLIA	Cobas 6000/Cobas 6000 2
CHE-SOP-009	Prolactin	Hormones	Serum	ECLIA	Cobas 6000 2
CHE-SOP-009	HCG	Hormones	Serum	ECLIA	Cobas 6000
CHE-SOP-009	E2	Hormones	Serum	ECLIA	Cobas 6000 2
CHE-SOP-009	Progesterone	Hormones	Serum	ECLIA	Cobas 6000 2
CHE-SOP-009	FSH	Hormones	Serum	ECLIA	Cobas 6000 2
CHE-SOP-009	LH	Hormones	Serum	ECLIA	Cobas 6000 2
CHE-SOP-009	ACTH	Hormones	Serum	ECLIA	Cobas 6000 2
CHE-SOP-009	Testosterone	Hormones	Serum	ECLIA	Cobas 6000
CHE-SOP-009	Thyroglobulin	Hormones	Serum	ECLIA	Cobas 6000
CHE-SOP-009	GH	Hormones	Serum	ECLIA	Cobas 6000





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SOP	Parameter/ Analyte	Subgroup/ Area of Examination	Sample type	Test method	Instrument
CHE-SOP-009	Cortisol	Hormones	Serum	ECLIA	Cobas 6000
CHE-SOP-009	DHEA-S	Hormones	Serum	ECLIA	Cobas 6000
CHE-SOP-009	AFP - tumor marker (AFM)	Hormones	Serum	ECLIA	Cobas 6000
CHE-SOP-009	FHCG	Hormones	Serum	ECLIA	Cobas 6000
CHE-SOP-009	HCG	Hormones	Serum	ECLIA	Cobas 6000
CHE-SOP-009	CA125	Hormones	Serum	ECLIA	Cobas 6000
CHE-SOP-009	CA 15-3	Hormones	Serum	ECLIA	Cobas 6000
CHE-SOP-009	CA 19-9	Hormones	Serum	ECLIA	Cobas 6000
CHE-SOP-009	TPSA	Hormones	Serum	ECLIA	Cobas 6000
CHE-SOP-009	FPSA	Hormones	Serum	ECLIA	Cobas 6000
CHE-SOP-009	CEA	Hormones	Serum	ECLIA	Cobas 6000
CHE-SOP-009	IgE	Immunology	Serum	ECLIA	Cobas 6000 2
CHE-SOP-009	HCV	Immunology	Serum	ECLIA	Cobas 6000 2
CHE-SOP-009	HBsAg	Immunology	Serum	ECLIA	Cobas 6000 2
CHE-SOP-009	Rub IgG	Immunology	Serum	ECLIA	Cobas 6000 2
CHE-SOP-009	HIV COM	Immunology	Serum	ECLIA	Cobas 6000 2
CHE-SOP-009	HAV, IgM	Immunology	Serum	ECLIA	Cobas 6000 2



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CHE-SOP-009	HAV Ab total	Immunology	Serum	ECLIA	Cobas 6000 2
CHE-SOP-009	Toxoplasma, IgG	Immunology	Serum	ECLIA	Cobas 6000 2
CHE-SOP-009	Toxoplasma, IgM	Immunology	Serum	ECLIA	Cobas 6000 2
CHE-SOP-009	Hepatitis B surface antibodies	Immunology	Serum	ECLIA	Cobas 6000 2
CHE-SOP-009	Sex hormone binding globulin	Immunology	Serum	Sandwich ELISA	Cobas 6000 2
CHE-SOP-009	Anti Mullerian hormone	Immunology	Serum	ECLIA	Cobas 6000 2
CHE-SOP-009	Insulin	Immunology	Serum	ECLIA	Cobas 6000 2
CHE-SOP-009	Anti CCP	Immunology	EDTA/ Serum/ Lithium heparin	ECLIA- electrochemilu minescence immunoassay	Cobas 6000 2
CHE-SOP-009	PTH	Immunology	Serum	ECLIA	Cobas 6000 2
CHE-SOP-009	Papp A	Immunology	Serum	ECLIA	Cobas 6000 2
CHE-SOP-009	Vitamin D	Immunology	Serum	Competitionpri ncible	Cobas 6000 2
CHE-SOP-009	Anti thyroglobulin	Immunology	Serum	ECLIA	Cobas 6000

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



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1. Lab. Director/ Dr. Farakid Al Khafaji.
2. Quality Assurance Manager/ Lara Sumrain
3. Quality Assurance Officer/ Layla Abdullah
4. Quality Assurance Executive Officer/ Maha Samara
5. Senior Medical Technologist/ Hana' Awadallah
6. Medical Technologist/ Lamees Hamdan
7. Medical Technologist/ Farah Al-Zou'bi
8. Medical Technologist/ Aldelhaleem Alnajjar
9. Medical Technologist/ Raslan Basatneh
10. Medical Technologist/ Ashraf Milhem