



THE HASHEMITE KINGDOM OF JORDAN

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



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Stop watch	N/A	N/A	Hematology	Clotting Time	HEM-SOP-010
Combur 10	N/A	Urine	Routine	PH	ROU-SOP-001
Combur 10	TCA for confirmation	Urine	Routine	Protein	ROU-SOP-001
Combur 10	Benedicts confirmation	Urine	Routine	Glucose	ROU-SOP-001
Combur 10	N/A	Urine	Routine	Ketone	ROU-SOP-001
Combur 10	HNO3 for confirmation	Urine	Routine	Bilirubin	ROU-SOP-001
Combur 10	Ehrlich for confirmation	Urine	Routine	Urobilinogen	ROU-SOP-001
Combur 10	N/A	Urine	Routine	Nitrite	ROU-SOP-001
Microscope	N/A	Urine	Routine	Urine Microscopy	ROU-SOP-010
Visual	Latex	Urine	Routine	HCG in urine	ROU-SOP-003
Cobas 6000/Cobas 6000 2	Enzymatic Colorimetric assay	Serum	Clinical Chemistry	GGT	CHE-SOP-009
Cobas 6000	IFCC	Serum	Clinical Chemistry	Lipase	CHE-SOP-009



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SOP	Parameter/ Analyte	Subgroup/ Area of Examination	Sample type	Test method	Instrument
Cobas 6000	Immunoturbidi metric assay	Serum	Clinical Chemistry	ASO	CHE-SOP-009
Cobas 6000/Cobas 6000 2	Immunoturbidi metric assay	Serum	Clinical Chemistry	CRP	CHE-SOP-009
Cobas 6000	Immunoturbidi metric assay	Serum	Clinical Chemistry	RF	CHE-SOP-009
Cobas 6000/Cobas 6000 2	Immunoturbidi metric assay	EDTA	Clinical Chemistry	Hemoglobin A1C	CHE-SOP-009
Cobas 6000/Cobas 6000 2	Immunoturbidi metric assay	Serum	Clinical Chemistry	Ferritin	CHE-SOP-009
Cobas 6000	Immunoturbidi metric assay	Serum	Clinical Chemistry	Transferrin	CHE-SOP-009
Cobas 6000	Pyruvate to lactate	Serum	Clinical Chemistry	LDH	CHE-SOP-009
Cobas 6000	Immunoturbidi metric assay	Serum	Clinical Chemistry	Apolipoprotein A	CHE-SOP-009
Cobas 6000	Immunoturbidi metric assay	Serum	Clinical Chemistry	Apolipoprotein B	CHE-SOP-009
Cobas 6000/Cobas 6000 2	ISE	Serum	Clinical Chemistry	NAS	CHE-SOP-009
Cobas 6000/Cobas 6000 2	ISE	Serum	Clinical Chemistry	KS	CHE-SOP-009
Cobas 6000/Cobas 6000 2	ISE	Serum	Clinical Chemistry	CLS	CHE-SOP-009



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



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



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SOP	Parameter/ Analyte	Subgroup/ Area of Examination	Sample type	Test method	Instrument
Cobas 6000/Cobas 6000 2	Immunoturbidi metric assay	Serum	Clinical Chemistry	CRP	CHE-SOP-009
Cobas 60002	Enzymatic assay	Serum	Clinical Chemistry	Homocysteine	CHE-SOP-009
Cobas 6000/Cobas 6000 2	Immunoturbidi metric assay	Serum	Clinical Chemistry	Ferritin	CHE-SOP-009
Cobas 6000/Cobas 6000 2	Immunoturbidi metric assay	EDTA	Clinical Chemistry	Hemoglobin A1C	CHE-SOP-009
Cobas 6000/Cobas 6000 2	ECLIA	Serum	Hormones	TSH	CHE-SOP-009
Cobas 6000/Cobas 6000 2	ECLIA	Serum	Hormones	FT3	CHE-SOP-009
Cobas 6000/Cobas 6000 2	ECLIA	Serum	Hormones	FT4	CHE-SOP-009
Cobas 6000	ECLIA	Serum	Hormones	TPO	CHE-SOP-009
Cobas 6000/Cobas 6000 2	ECLIA	Serum	Hormones	B12	CHE-SOP-009
Cobas 6000 2	ECLIA	Serum	Hormones	FOL	CHE-SOP-009
Cobas 6000/Cobas 6000 2	ECLIA	Serum	Hormones	TSH	CHE-SOP-009
Cobas 6000 2	ECLIA	Serum	Hormones	Prolactin	CHE-SOP-009



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SOP	Parameter/ Analyte	Subgroup/ Area of Examination	Sample type	Test method	Instrument
Cobas 6000	ECLIA	Serum	Hormones	HCG	CHE-SOP-009
Cobas 6000 2	ECLIA	Serum	Hormones	E2	CHE-SOP-009
Cobas 6000 2	ECLIA	Serum	Hormones	Progesterone	CHE-SOP-009
Cobas 6000 2	ECLIA	Serum	Hormones	FSH	CHE-SOP-009
Cobas 6000 2	ECLIA	Serum	Hormones	LH	CHE-SOP-009
Cobas 6000 2	ECLIA	Serum	Hormones	ACTH	CHE-SOP-009
Cobas 6000	ECLIA	Serum	Hormones	Testosterone	CHE-SOP-009
Cobas 6000	ECLIA	Serum	Hormones	Thyroglobulin	CHE-SOP-009
Cobas 6000	ECLIA	Serum	Hormones	GH	CHE-SOP-009
Cobas 6000	ECLIA	Serum	Hormones	Cortisol	CHE-SOP-009
Cobas 6000	ECLIA	Serum	Hormones	DHEA-S	CHE-SOP-009
Cobas 6000	ECLIA	Serum	Hormones	AFP - tumor marker (AFM)	CHE-SOP-009
Cobas 6000	ECLIA	Serum	Hormones	FHCG	CHE-SOP-009



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



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



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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.**