

**Accreditation Unit****Annex (1)**

**To The Accreditation Certificate No. JAS Med.-001-a Dated 16-10-2023
For the Laboratory of Specialty Hospital / Amman (inside the hospital)**

Scope of Accreditation

**In the Fields of Clinical Chemistry, Hormones, Immunology and Serology,
Hematology**

SOP	Parameter/ Analyte	Subgroup/ Area of Examination	Sample type	Test method	Instrument
Exam-093-2012/C	Albumin	Clinical Chemistry (Liver profile)	Serum/ Plasma	Bromocresol green	Cobas 6000
Exam-093-2017/C	Alkaline Phosphatase	Clinical Chemistry (Liver profile)	Serum/ Plasma	(PNPP) Hydrolysis PNPP Colorimetric	Cobas 6000
Exam-093-2016/C	Bilirubin Direct	Clinical Chemistry (Liver profile)	Serum/ Plasma	Colorimetric' Diazo Dye	Cobas 6000
Exam-093-2015/C	Bilirubin Total	Clinical Chemistry (Liver profile)	Serum/ Plasma	Colorimetric' Diazo Dye	Cobas 6000
Exam- 093-2021/C	GGT2	Clinical Chemistry (Liver profile)	Serum/ Plasma	L-GAMMA GLUTMYL- 3-CO-4- Nitroanilide2- enzymatic colorimetric	Cobas 6000
Exam-093-2018/C	Glutamic Pyruvate Transaminase	Clinical Chemistry (Liver profile)	Serum/ Plasma	NADH Without P5P	Cobas 6000
Exam-093-2019/C	Glutamic Oxalate Transaminase	Clinical Chemistry (Liver profile)	Serum/ Plasma	NADH Without P5P	Cobas 6000
Exam-093-2020/C	Lactate Dehydrogenase	Clinical Chemistry (Liver profile)	Serum/ Plasma	Lactate-Pyruvate UV Pyruvate- Lactate UV	Cobas 6000
Exam-093-2011/C	Total Protein	Clinical Chemistry (Liver profile)	Serum/ Plasma	Biuret end point	Cobas 6000
Exam-093-2040/C	Amylase	Clinical Chemistry (Pancreases profile)	Serum/ Plasma	2-Chloro-PNP non- blocked G3 (CNP- G3)Hydrolysis2)enzym atic colorimetric IFCC	Cobas 6000



Accreditation Unit

Annex (1)

To The Accreditation Certificate No. **JAS Med.-001-a** Dated **16-10-2023**
For the Laboratory of Specialty Hospital / Amman (inside the hospital)

Scope of Accreditation

In the Fields of Clinical Chemistry, Hormones, Immunology and Serology,
Hematology

SOP	Parameter/ Analyte	Subgroup/ Area of Examination	Sample type	Test method	Instrument
Exam-093-2051/C	Lipase	Clinical Chemistry (Pancreases profile)	Serum/ Plasma	Colorimetric Quinone Dye	Cobas 6000
Exam-093-2022/C	UREA	Clinical Chemistry (Kidney profile)	Serum/ Plasma	Urease kinetic	Cobas 6000
Exam-093-2023/C	Creatinine	Clinical Chemistry (Kidney profile)	Serum/ Plasma	Jaffe mod./picrate,kinetic	Cobas 6000
Exam-093-2024/2025/2026/C	Electrolytes: NA/K/CL	Clinical Chemistry (Kidney profile)	Serum/ Plasma	ISE indirect	Cobas 6000
Exam-093-2029/C	Uric Acid	Clinical Chemistry (Kidney profile)	Serum/ Plasma	Uricase.	Cobas 6000
Exam -093-2027/C	Calcium	Clinical Chemistry (Bone profile)	Serum/ Plasma	1-Arsenazo III Complex2-NM-BAPTA	Cobas 6000
Exam-093-2028/C	Phosphorus	Clinical Chemistry (Bone profile)	Serum/ Plasma	phosphomolybdate	Cobas 6000
Exam -093-2031/C	Creatine phosphokinase	Clinical Chemistry (Muscle profile)	Serum/ Plasma	IFCC 2002 Standarized NADPH	Cobas 6000
Exam-093-2001/2002/C	Glucose	Clinical Chemistry (Diabetic profile)	Serum/ Plasma	Hexokinase	Cobas 6000
Exam-093-2005/C	GLycosylated Haemoglobin(HbA1c)	Clinical Chemistry (Diabetic profile)	EDTA / WB	Immunoturbidimetric	Cobas 6000
Exam-093-2055/C	Magnesium	Clinical Chemistry (Trace elements profile)	Serum/ Plasma	1-Xylidyle Blue 2-ENZYMATIC	Cobas 6000



Annex (1)

To The Accreditation Certificate No. **JAS Med.-001-a** Dated **16-10-2023**
For the Laboratory of Specialty Hospital / Amman (inside the hospital)

Scope of Accreditation

In the Fields of Clinical Chemistry, Hormones, Immunology and Serology,
Hematology

SOP	Parameter/ Analyte	Subgroup/ Area of Examination	Sample type	Test method	Instrument
Exam-093-2033/C	Troponin T	Clinical Chemistry (Cardiac profile)	Serum/ Plasma	ECLIA	Cobas 6000
Exam-093-3034/AR	Homocysteine	Clinical Chemistry (Cardiac profile)	Serum	CMIA	Architect I 1000
Exam-093-3321/AR	Carbamazepine (Tegratol)	Hormones (Drug profile)	Serum	CMIA	Architect I 1000
Exam-093-3323/AR	Phenytoin	Hormones (Drug profile)	Serum	CMIA	Architect I 1000
Exam-093-3331/AR	Tacrolimus (Prograf)	Hormones (Drug profile)	EDTA WB	CMIA	Architect I 1000
Exam-093-3324/AR	Valproic Acid (Depakin)	Hormones (Drug profile)	Serum	CMIA	Architect I 1000
Exam-093-3328/AR	Vancomycin	Hormones (Drug profile)	Serum	CMIA	Architect I 1000
Exam-093-3021/3022/C	Adenocorticotropic Hormone	Hormones (Adrenal profile)	EDTA/ Plasma	ECLIA	Cobas 6000
Exam-093-3015/3016/AR	Cortisol	Hormones (Adrenal profile)	Serum	CMIA	Architect I 1000
Exam-093-3019/C	Beta Human Chorionic gonadotropin	Hormones (Pregnancy profile)	Serum	ECLIA	Cobas 6000
Exam-093-3014/C	Growth Hormone	Hormones (Growth profile)	Serum	ECLIA	Cobas 6000
Exam-093-3011/C	Parathyroid hormone	Hormones (Thyroid profile)	Serum/ EDTA plasma	ECLIA	Cobas 6000



Accreditation Unit

Annex (1)

To The Accreditation Certificate No. **JAS Med.-001-a** Dated **16-10-2023**
For the Laboratory of Specialty Hospital / Amman (inside the hospital)

Scope of Accreditation

In the Fields of Clinical Chemistry, Hormones, Immunology and Serology,
Hematology

SOP	Parameter/ Analyte	Subgroup/ Area of Examination	Sample type	Test method	Instrument
Exam-093-6002/C	C-Reactive Protein (CRP-Titer)	Immunology and Serology (Specific protein profile)	Serum	Immunoturbidimetric	Cobas 6000
Exam-093-6017/C	Immunoglobulin E	Immunology and Serology (Immunoglobulins profile)	Serum/ Plasma	ECLIA	Cobas 6000
Exam-093-4000	CBC(HB, PCV, WBCS, RBCS, MCV, MCH, MCHC, FF, PLATELETS)	Hematology (Complete blood count profile)	Whole EDTA blood	Multi-Angle Polarized Scatter Separation	Cell dyne Ruby / Advia 2120i

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

1. Head of Laboratories Department : Mr. Eyad Hamdan
2. Laboratory Director: Mr. Mohammad Ishaq Salem



Accreditation Unit

Annex (2)

To The Accreditation Certificate No. **JAS Med.-001-b** Dated **16-10-2023**
For the Laboratory of Specialty Hospital / Amman (Al-Husseini Complex)

Scope of Accreditation

In the Fields of Clinical Chemistry, Hormones, Immunology and Serology,
Hematology, Coagulation, and Microbiology

SOP	Parameter/ Analyte	Subgroup/ Area of Examination	Sample type	Test method	Instrument
Exam-093-2012/A	Albumin	Clinical Chemistry (Liver profile)	Serum/ Plasma	Bromocresol green	Alinity C
Exam-093-2017/A	Alkaline Phosphatase	Clinical Chemistry (Liver profile)	Serum/ Plasma	(PNPP) Hydrolysis PNPP Colorimetric	Alinity C
Exam-093-2016/A	Bilirubin Direct	Clinical Chemistry (Liver profile)	Serum/ Plasma	Colorimetric' Diazo Dye	Alinity C
Exam-093-2015/A	Bilirubin Total	Clinical Chemistry (Liver profile)	Serum/ Plasma	Colorimetric' Diazo Dye	Alinity C
Exam- 093-2021/A	GGT2	Clinical Chemistry (Liver profile)	Serum/ Plasma	L-GAMMA GLUTMYL-3-CO-4- Nitroanilide2-enzymatic colorimetric	Alinity C
Exam-093-2018/A	Glutamic Pyruvate Transaminase	Clinical Chemistry (Liver profile)	Serum/ Plasma	NADH Without P5P	Alinity C
Exam-093-2019/A	Glutamic Oxalate Transaminase	Clinical Chemistry (Liver profile)	Serum/ Plasma	NADH Without P5P	Alinity C
Exam-093-2020/A	Lactate Dehydrogenase	Clinical Chemistry (Liver profile)	Serum/ Plasma	Lactate-Pyruvate UV Pyruvate- Lactate UV	Alinity C
Exam-093-2011/A	Total Protein	Clinical Chemistry (Liver profile)	Serum/ Plasma	Biuret end point	Alinity C
Exam-093-2040/A	Amylase	Clinical Chemistry (Pancreases profile)	Serum/ Plasma	2-Chloro-PNP non-blocked G3 (CNP-G3)Hydrolysis2)enzymatic colorimetric IFCC	Alinity C



Annex (2)

To The Accreditation Certificate No. **JAS Med.-001-b** Dated **16-10-2023**
For the Laboratory of Specialty Hospital / Amman (Al-Husseini Complex)
Scope of Accreditation
In the Fields of **Clinical Chemistry, Hormones, Immunology and Serology,**
Hematology, Coagulation, and Microbiology

SOP	Parameter/ Analyte	Subgroup/ Area of Examination	Sample type	Test method	Instrument
Exam-093-2051/A	Lipase	Clinical Chemistry (Pancreases profile)	Serum/ Plasma	Colorimetric Quinone Dye	Alinity C
Exam-093-2022/A	UREA	Clinical Chemistry (Kidney profile)	Serum/ Plasma	Urease kinetic	Alinity C
Exam-093-2023/A	Creatinine	Clinical Chemistry (Kidney profile)	Serum/ Plasma	Jaffe mod./picrate,kinetic	Alinity C
Exam-093-2024/2025/2026/A	Electrolytes: NA/K/CL	Clinical Chemistry (Kidney profile)	Serum/ Plasma	ISE indirect	Alinity C
Exam-093-2029/A	Uric Acid	Clinical Chemistry (Kidney profile)	Serum/ Plasma	Uricase.	Alinity C
Exam -093-2027/A	Calcium	Clinical Chemistry (Bone profile)	Serum/ Plasma	1-Arsenazo III Complex2-NM-BAPTA	Alinity C
Exam-093-2028/A	Phosphorus	Clinical Chemistry (Bone profile)	Serum/ Plasma	phosphomolybdate	Alinity C
Exam -093-2007/A	Cholesterol Total	Clinical chemistry (Lipid profile)	Serum/ Plasma	Enzymatic CHOD – PAP	Alinity C
Exam-093-2008/A	HDL-Cholesterol	Clinical Chemistry (Lipid profile)	Serum/ Plasma	Direct homogeneous enzymatic	Alinity C
Exam-093-2009/A	LDL-Cholesterol	Clinical Chemistry (Lipid profile)	Serum/ Plasma	Direct Homogenous Enzymatic	Alinity C
Exam-093-2006/A	Triglycerides	Clinical Chemistry (Lipid profile)	Serum/ Plasma	GPO- PAP/Enzymatic	Alinity C



Annex (2)

To The Accreditation Certificate No. **JAS Med.-001-b** Dated **16-10-2023**
For the Laboratory of Specialty Hospital / Amman (Al-Husseini Complex)

Scope of Accreditation

In the Fields of Clinical Chemistry, Hormones, Immunology and Serology,
Hematology, Coagulation, and Microbiology

SOP	Parameter/ Analyte	Subgroup/ Area of Examination	Sample type	Test method	Instrument
Exam -093-2031/A	Creatine phosphokinase	Clinical Chemistry (Muscle profile)	Serum/ Plasma	IFCC 2002 Standarized NADPH	Alinity C
Exam-093-2001/2002/A	Glucose	Clinical Chemistry (Diabetic profile)	Serum/ Plasma	Hexokinase	Alinity C
Exam-093-2005/A	GLycosylated Haemoglobin(HbA1c)	Clinical Chemistry (Diabetic profile)	EDTA / WB	Immunoturbidimetric	Alinity C
Exam-093-2137/A	Microalbuminuria	Clinical Chemistry (Urine chemistry profile)	Urine	Immunoturbidimetric; UV	Alinity C
Exam-093-2133/A	Total protein-urine	Clinical Chemistry (Urine chemistry profile)	Urine	Benzethonium Chloride	Alinity C
Exam-093-2055/A	Magnesium	Clinical Chemistry (Trace elements profile)	Serum/ Plasma	1-Xylidyle Blue 2-ENZYMATIC	Alinity C
Exam-093-2042/A	Lactate	Clinical Chemistry (Enzymes profile)	Plasma	Colorimetric Method	Alinity C
Exam-093-2048/A	Iron	Clinical Chemistry (Anemia profile)	Serum	Colorimetric, ferene	Alinity C
Exam-093-2049/A	Total iron binding capacity	Clinical Chemistry (Anemia profile)	Serum	Direct Determination with ferrozine	Alinity C
Exam-093-3501/A	Vitamin B12	Hormones (Anemia profile)	Serum	CMIA	Alinity i
Exam-093-3503/A	Ferritin	Hormones (Anemia profile)	Serum	CMIA	Alinity i



Annex (2)

To The Accreditation Certificate No. **JAS Med.-001-b** Dated **16-10-2023**
For the Laboratory of Specialty Hospital / Amman (Al-Husseini Complex)
Scope of Accreditation
In the Fields of **Clinical Chemistry, Hormones, Immunology and Serology,**
Hematology, Coagulation, and Microbiology

SOP	Parameter/ Analyte	Subgroup/ Area of Examination	Sample type	Test method	Instrument
Exam-093-3502/A	Folic acid	Hormones (Anemia profile)	Serum	CMIA	Alinity i
Exam-093-3409/A	Alpha Fetoprotein	Hormones (Tumor marker profile)	Serum	CMIA	Alinity i
Exam-093-3401/A	CA125	Hormones (Tumor marker profile)	Serum	CMIA	Alinity i
Exam-093-3403/A	CA15-3	Hormones (Tumor marker profile)	Serum	CMIA	Alinity i
Exam-093-3402/A	CA19-9	Hormones (Tumor marker profile)	Serum	CMIA	Alinity i
Exam-093-3408/A	Carcinoembryonic Antigen	Hormones (Tumor marker profile)	Serum	CMIA	Alinity i
Exam-093-3405/A	Prostatic Specific Antigen Total	Hormones (Tumor marker profile)	Serum	CMIA	Alinity i
Exam-093-3406/A	Prostatic Specific Antigen Free	Hormones (Tumor marker profile)	Serum	CMIA	Alinity i
Exam-093-3012	17-Hydroxy Progesterone	Hormones (Adrenal profile)	Serum	ECLIA	Maglumi/Snibe
Exam-093-3007/A	Estradiol	Hormones (Sex hormones profile)	Serum	CMIA	Alinity i
Exam-093-3002/A	Follicular Stimulating Hormone	Hormones (Sex hormones profile)	Serum	CMIA	Alinity i
Exam-093-3003/A	Prolactin	Hormones (Sex hormones profile)	Serum	CMIA	Alinity i



Annex (2)

To The Accreditation Certificate No. **JAS Med.-001-b** Dated **16-10-2023**
For the Laboratory of Specialty Hospital / Amman (Al-Husseini Complex)

Scope of Accreditation

In the Fields of Clinical Chemistry, Hormones, Immunology and Serology,
Hematology, Coagulation, and Microbiology

SOP	Parameter/ Analyte	Subgroup/ Area of Examination	Sample type	Test method	Instrument
Exam-093-3001/A	Luteinizing hormone	Hormones (Sex hormone profile)	Serum	CMIA	Alinity i
Exam-093-3006/A	Progesterone	Hormones (Sex hormone profile)	Serum	CMIA	Alinity i
Exam-093-3004/A	Testosterone .total	Hormones (Sex hormone profile)	Serum	CMIA	Alinity i
Exam-093-3005	Testosterone free	Hormones (Sex hormone profile)	Serum	ELISA	Maglumi snibe
Exam-093-3017/A	Insulin	Hormones (Pancreatic profile)	Serum	CMIA	Alinity i
Exam-093-3010/A	Thyroid Stimulating Hormone	Hormones (Thyroid profile)	Serum	CMIA	Alinity i
Exam-093-3008/A	Thyroxine free FT4	Hormones (Thyroid profile)	Serum	CMIA	Alinity i
Exam-093-3009/A	Triiodothyronine, free FT3 Triiodothyronine3 Free	Hormones (Thyroid profile)	Serum	CMIA	Alinity i
Exam-093-6001/A	Anti Streptolysin O	Immunology and Serology (Specific protein profile)	Serum	Immunoturbidimetric	Alinity C
Exam-093-6002/A	C-Reactive Protein (CRP-Titer)	Immunology and Serology (Specific protein profile)	Serum	Immunoturbidimetric	Alinity C
Exam-093-6004/A	Rheumatoid Factor	Immunology (Specific protein profile)	Serum	Imunoturbidimetric	Alinity C



Accreditation Unit

Annex (2)

To The Accreditation Certificate No. **JAS Med.-001-b** Dated **16-10-2023**
 For the Laboratory of Specialty Hospital / Amman (Al-Husseini Complex)

Scope of Accreditation

In the Fields of Clinical Chemistry, Hormones, Immunology and Serology,
 Hematology, Coagulation, and Microbiology

SOP	Parameter/ Analyte	Subgroup/ Area of Examination	Sample type	Test method	Instrument
Exam-093-6009/A	Complement 3	Immunology and Serology (Complement profile)	Serum/ Plasma	Immunoturbidimetric	Alinity C
Exam-093-6010/A	Complement 4:	Immunology and Serology (Complement profile)	Serum/ Plasma	Immunoturbidimetric	Alinity C
Exam-093-4000	CBC(HB, PCV, WBCS, RBCS, MCV, MCH, MCHC, FF, PLATELETS	Hematology (Complete blood count profile)	Whole EDTA blood	Multi-Angle Polarized Scatter Separation	Cell dyne Ruby / Advia 2120i
EXAM-093-4101	Prothrombin TIME	Coagulation (Basic coagulation profile)	Citrated plasma	Clot Method	STA Compact MAX3
Exam-093-4102	Partial thromboplastin time	Coagulation (Basic coagulation profile)	Citrated plasma	Clot Method	STA Compact MAX3
Exam-093-4105	Fibrinogen	Coagulation (Fibrinogen profile)	Citrated plasma	Chromogenic	STA Compact MAX3
Exam-093-1009	Blood Culture	Microbiology (Culture and sensitivity profile)	Blood	BacT/Alert 3D: colorimetric detection of CO ₂ produced by growing microorganisms. Bactec FX: fluorescent detection of CO ₂ produced by growing microorganisms	BacT/Alert 3D Bactec FX
				Gram stain	Microscope



THE HASHEMITE KINGDOM OF JORDAN

Accreditation Unit



Annex (2)

To The Accreditation Certificate No. **JAS Med.-001-b** Dated **16-10-2023**
For the Laboratory of Specialty Hospital / Amman (Al-Husseini Complex)

Scope of Accreditation

In the Fields of Clinical Chemistry, Hormones, Immunology and Serology,
Hematology, Coagulation, and Microbiology

SOP	Parameter/ Analyte	Subgroup/ Area of Examination	Sample type	Test method	Instrument
				Identification : Biochemical reaction & nutrient usage of microorganism for identification Sensitivity: broth micro dilution- minimum inhibitory concentration (MIC) Technique	Vitek

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

1. Head of Laboratories Department: Mr. Eyad Hamdan
2. Laboratory Director: Mr. Mohammad Ishaq Salem