

# Accreditation Scope

**AL AIN HOSPITAL LABORATORY, NAM 014**  
**Medical Laboratory, (ISO 15189:2012)**

**Shakhboot bin Sultan street - Alain, Abu Dhabi, UAE**

**Issue Date: 13-06-2022**

**Expiry Date: 12-06-2025**

**Issue No: 01**

Medical Field	Biological Sample	Components / Analytes	Examination technique	Examination Procedure Reference
Hematology	Blood	CBC/WBC	Automation	AAH-ICLS-HEM-032-v2
	Blood	CBC/RBC	Automation	AAH-ICLS-HEM-032-v2
	Blood	CBC/Hemoglobin	Automation	AAH-ICLS-HEM-032-v2
	Blood	CBC/RBC indices. HCT	Automation	AAH-ICLS-HEM-032-v2
	Blood	CBC/ RBC indices, MCV	Automation	AAH-ICLS-HEM-032-v2
	Blood	CBC/ RBC indices. MCH	Automation	AAH-ICLS-HEM-032-v2
	Blood	CBC/ RBC indices. MCHC	Automation	AAH-ICLS-HEM-032-v2
	Blood	CBC/Platelet count	Automation	AAH-ICLS-HEM-032-v2
	Blood	CBC/RDW	Automation	AAH-ICLS-HEM-032-v2
	Blood	CBC/MPV	Automation	AAH-ICLS-HEM-032-v2
	Blood	CBC/NRBC count, %	Automation	AAH-ICLS-HEM-032-v2
	Blood	CBC/ NRBC count, #	Automation	AAH-ICLS-HEM-032-V2
	Blood	CBC/Reticulocyte count %	Automation	AAH-ICLS-HEM-046-v5
	Blood	CBC/Reticulocyte count #	Automation	AAH-ICLS-HEM-046-v5
	Blood	CBC/Immature Reticulocyte Factor IRF	Automation	AAH-ICLS-HEM-032-v2
	Blood	CBC/differential Neutrophil count%	Automation	AAH-ICLS-HEM-032-v2
	Blood	CBC/WBC differential Neutrophil count #	Automation	AAH-ICLS-HEM-032-v2
	Blood	CBC/WBC differential Lymphocyte count %	Automation	AAH-ICLS-HEM-032-v2
	Blood	CBC/WBC differential Lymphocyte count #	Automation	AAH-ICLS-HEM-032-v2
	Blood	CBC/WBC differential Monocyte %	Automation	AAH-ICLS-HEM-032-v2
	Blood	CBC/WBC differential Monocyte count #	Automation	AAH-ICLS-HEM-032-v2
	Blood	CBC/WBC differential Eosinophil	Automation	AAH-ICLS-HEM-032-v2
Blood	CBC/ WBC differential Eosinophil count #	Automation	AAH-ICLS-HEM-032-v2	
Blood	CBC/ WBC differential Basophil	Automation	AAH-ICLS-HEM-032-v2	
Blood	CBC/ WBC differential Basophil	Automation	AAH-ICLS-HEM-032-v2	

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Medical Field	Biological Sample	Components / Analytes	Examination technique	Examination Procedure Reference
Hematology	Blood	Platelets count, manual	Estimation Microscopy	AAH-ICLS-HEM-017-v2
	Blood	CBC/WBC differential Neutrophil	Microscopy	AAH-ICLS-HEM-017-v2
	Blood	CBC/WBC differential Neutrophil count%	Microscopy	AAH-ICLS-HEM-017-v2
	Blood	CBC/WBC differential Lympho count #	Microscopy	AAH-ICLS-HEM-017-v2
	Blood	CBC/WBC differential Lympho count%	Microscopy	AAH-ICLS-HEM-017-v2
	Blood	CBC/WBC differential Mono count#	Microscopy	AAH-ICLS-HEM-017-v2
	Blood	CBC/WBC differential Mono count%	Microscopy	AAH-ICLS-HEM-017-v2
	Blood	CBC/WBC differential Eos count #	Microscopy	AAH-ICLS-HEM-017-v2
	Blood	CBC/WBC differential Eos count%	Microscopy	AAH-ICLS-HEM-017-v2
	Blood	CBC/WBC differential Baso count#	Microscopy	AAH-ICLS-HEM-017-v2
	Blood	CBC/WBC differential Baso count%	Microscopy	AAH-ICLS-HEM-017-v2
	Blood	Reticulocyte count %	Estimation Microscopy	AAH-ICLS-HEM-017-v2
	Plasma	D-Dimer, quantitative plasma	Automation	AAH-ICLS-HEM-063-v1
	Plasma	PT/INR	Automation	AAH-ICLS-HEM-061-v1
Plasma	APTT	Automation	AAH-ICLS-HEM-062-v1	
Blood Bank	Blood	ABO and Rh(D) grouping	1-Manual Gel Card/ agglutination 2-Manual tube /agglutination 3. Automation machine BIO-RAD IH-500	1.AAH-ICLS-BB-002 version 03 2.AAH-ICLS-BB-003 version 03 3.AAH-ICLS-BB-053 version 03
	Blood	ABO and Rh verification	Manual Gel Card/ agglutination	AAH-ICLS-BB-004 version 03

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Medical Field	Biological Sample	Components / Analytes	Examination technique	Examination Procedure Reference
Blood Bank	Blood	Acid Elution	Manual Gel Card/ agglutination /or Manual tube /agglutination	AAH-ICLS-BB-005 version 03
	Blood	Antibody Identification	Manual Gel Card/ Agglutination Manual tube/ agglutination	AAH-ICLS-BB-007 version 03 AAH-ICLS-BB-008 version 03
	Plasma	Antibody screen	Manual Gel Card/ Agglutination /Manual tube/agglutination	1.AAH-ICLS-BB-009 version 03 2.AAH-ICLS-BB-010 version 03 3.AAH-ICLS-BB-053 version 03
	Plasma	Antibody titration	1. Manual Gel Card/ agglutination. 2.Manual tube /agglutination.	1.AAH-ICLS-BB-011 version 03 2.AAH-ICLS-BB-012 version 03
	Blood	Cold Agglutinin (DiaMed)	Manual Gel Card/ agglutination	AAH-ICLS-BB-013 version 03
	Plasma	Crossmatch	Manual Gel Card/ Agglutination Manual tube/agglutination	AAH-ICLS-BB-014 version 04
	Blood	Direct antiglobulin	Manual Gel Card/ Agglutination Manual tube/agglutination	AAH-ICLS-BB-015 version 03 AAH-ICLS-BB-016 version 03
	Blood	Exchange transfusion	Manual mixing of blood/plasma	AAH-ICLS-BB-018 version 04
	Plasma	Indirect antiglobulin	Manual tube/agglutination	AAH-ICLS-BB-020 version 03
	Blood	Neonate blood group and DAT	Manual Gel Card/ agglutination	AAH-ICLS-BB-023 version 03
Blood Bank	Blood	Testing for weak D antigen	Manual tube/agglutination Manual Gel Card/ agglutination	AAH-ICLS-BB-024 version 03

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Medical Field	Biological Sample	Components / Analytes	Examination technique	Examination Procedure Reference
	Blood	ABORh discrepancies	Manual tube/ agglutination	AAH-ICLS-BB-025 version 03
	Blood	Prewarm Technique	Manual tube/agglutination	AAH-ICLS-BB-026 version 03
	Blood	Blood transfusion reactions	Manual Gel Card/ agglutination	AAH-ICLS-BB-030 version 03
	Blood	Antigen Typing	Manual Gel Card or tube agglutination	AAH-ICLS-BB-047 version 03
	Blood	Antibody Adsorption	Manual tube/agglutination	AAH-ICLS-BB-052 version 02
Biochemistry	Plasma / Serum	NT-proBNP	electrochemiluminescence immunoassay "ECLIA"- Sandwich	AAH-ICLS-CHEM-009-R02 version 02
	Plasma / Serum	Albumin	DYE BINDING-BCP	AAH-ICLS-CHEM-003-R02 version 02
	Plasma / Serum	Calcium	NM-BAPTA	AAH-ICLS-CHEM-013-R02 version 02
	Plasma / Serum	Chloride	ION SELECT ELECT DIL	AAH-ICLS-CHEM-015-R02 version 02
	Plasma / Serum	CO2	ENZYMATIC	AAH-ICLS-CHEM-018-R02 version 02
	Plasma / Serum	Creatinine	ENZYMATIC	AAH-ICLS-CHEM-020-R01 version 01
	Plasma / Serum	Glucose	HEXOKINASE G6PDH/UV	AAH-ICLS-CHEM-028-R02 version 02
	Plasma / Serum	Magnesium	COLOR-DYE-XYLIDYL BLUE	AAH-ICLS-CHEM-038-R02 version 02
	Plasma / Serum	Phosphorus	PHOSPHOMOLYBDATE UV.	AAH-ICLS-CHEM-043-R02 version 02
	Plasma / Serum	Potassium	ION SELECT ELECT DIL	AAH-ICLS-CHEM-044-R02 version 02
Biochemistry	Plasma / Serum	Total Protein	BIURET	AAH-ICLS-CHEM-048-R02 version 02

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	Plasma / Serum	Sodium	ION SELECT ELECT DIL	AAH-ICLS-CHEM-046-R02 version 02
	Plasma / Serum	Urea	UREASE WITH GLDH	AAH-ICLS-CHEM-010-R02 version 02
	Plasma / Serum	Uric Acid	URICASE	AAH-ICLS-CHEM-059-R02 version 02
	Plasma / Serum	Bilirubin Direct	DIAZO SALT w/BLK (ROCH)	AAH-ICLS-CHEM-022-R02 version 02
	Plasma / Serum	Bilirubin Total	DIAZO SALT w/BLK (ROCH)	AAH-ICLS-CHEM-047-R02 version 02
	Plasma / Serum	ALT (SGPT)	UV absorbance	AAH-ICLS-CHEM-002-R02 version 02
	Plasma / Serum	Alkaline Phosphatase	Colorimetric	AAH-ICLS-CHEM-004-R02 version 02
	Plasma / Serum	Amylase	Enzymatic Colorimetric assay	AAH-ICLS-CHEM-006-R02 version 02
	Plasma / Serum	AST (SGOT)	UV absorbance	AAH-ICLS-CHEM-007-R02 version 02
	Plasma / Serum	Creatine Kinase	UV Test	AAH-ICLS-CHEM-019-R02 version 02
	Plasma / Serum	Lactate Dehydrogenase	UV assay	AAH-ICLS-CHEM-035-R02 version 02
	Plasma / Serum	Lipase	Enzymatic Colorimetric assay	AAH-ICLS-CHEM-037-R02 version 02
	Plasma / Serum	Beta hCG Quantitative	electrochemiluminescence immunoassay "ECLIA"- Sandwich	AAH-ICLS-CHEM-008-R02 version 02
	Plasma / Serum	TSH	electrochemiluminescence immunoassay "ECLIA"- Sandwich	AAH-ICLS-CHEM-058-R02 version 02
	Plasma	Ammonia	GLUTAMATE DEHYDROGENA	AAH-ICLS-CHEM-005-R02 version 02
Biochemistry	Plasma / Serum	Ferritin	Particle enhanced immunoturbidimetric assay	AAH-ICLS-CHEM-024-R02 version 02

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	Plasma	Lactate	OXIDATION LACT TO PYRU	AAH-ICLS-CHEM-036-R02 version 02
	Plasma / Serum	Troponin-T	electrochemiluminescence immunoassay "ECLIA"- Sandwich	AAH-ICLS-CHEM-051-R02 version 02
	Plasma / Serum	Creatine Kinase MB Mass	electrochemiluminescence immunoassay "ECLIA"- Sandwich	AAH-ICLS-CHEM-017-R02 version 02
	Plasma / Serum	C-Reactive Protein	TURBIDIMETRC/IMMUNOTUR	AAH-ICLS-CHEM-021-R02 version 02
	Plasma / Serum	Procalcitonin	electrochemiluminescence immunoassay "ECLIA"- Sandwich	AAH-ICLS-CHEM-054-R02 version 02
	Plasma / Serum	Calcium Level Corr	Calculation	Calculation: Albumin (AAH-ICLS-CHEM-003-R02) version 02 / Calcium (AAH-ICLS-CHEM-013-R02) version 02
	Plasma / Serum	AGAP	Calculation	Calculation: Sodium (AAH-ICLS-CHEM 046-R02) version 02 / CO2 (AAH-ICLS-CHEM-018-R02) version 02 / Chloride (AAH-ICLS-CHEM-015-R02) version 02
	whole blood	HbA1c	Turbidimetric Inhibition Immunoassay/TINIA	AAH-ICLS-CHEM-055-R02 version 02
	Urine	Urine Toxo drug Screen: Urine Acetaminophen Urine Amphetamines Urine Methamphetamines Urine Barbiturate Group	FLUORESCNC IMMUNOASSAY ALERE	AAH-ICLS-CHEM-062-R05 version 02

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Medical Field	Biological Sample	Components / Analytes	Examination technique	Examination Procedure Reference
		Urine Benzodiazepine Group Urine Cocaine Urine Methadone Urine Opiate Group Urine Phencyclidine Urine Tricyclic Group		
Biochemistry	Plasma / Serum	Interleukin-6	electrochemiluminescence immunoassay "ECLIA"	AAH-ICLS-CHEM-069-R01 version 02
Molecular	Nasopharyngeal swab	Rapid PCR/SARS-Cov-2 (orf 1ab)	Insulated Isothermal Polymerase Chain Reaction	AAH-ICLS-MOL-002-Version 1
<b>END</b>				