Schedule

Issue date: 20 August 2025
Valid Until: 20 August 2030

NO: SAMM 777

LABORATORY LOCATION: (PERMANENT LABORATORY)	Jabatan Patologi & Tabung Darah, Hospital Enche' Besar Hajjah Khalsom KM5, Jalan Kota Tinggi , 86000, JOHOR MALAYSIA
ACCREDITED SINCE :	20 AUGUST 2025
FIELD(S) OF MEDICAL TESTING :	CHEMICAL PATHOLOGY HAEMATOLOGY MEDICAL MICROBIOLOGY

The standard used for assessment of this laboratory is MS ISO 15189:2022 (ISO 15189:2022, IDT).

A medical laboratory's fulfilment of the requirements of ISO 15189 means the laboratory meets both the technical competence requirements and the management system requirements necessary for it to consistently deliver technically valid test results. The management system requirements in ISO 15189 are written in language relevant to a medical laboratory's operations. Medical laboratories that implement ISO 15189 operate generally in accordance with the principles of ISO 9001. (See Joint IAF-ILAC-ISO Communiquè, November 2021)

CENTRAL LOCATION	Jabatan Patologi & Tabung Darah, Hospital Enche' Besar Hajjah Khalsom KM5, Jalan Kota Tinggi , 86000, Johor
FIELD(S) OF MEDICAL TESTING :	CHEMICAL PATHOLOGY, HAEMATOLOGYMEDICAL MICROBIOLOGY

SCOPE OF MEDICAL TESTING : CHEMICAL PATHOLOGY

Specimen Tested	**Type of Test/ Properties Measured/**	**Test Methods,Specifications/ Equipment/Techniques Used**
Plasma	Albumin	Colorimetric (Bromocresol Purple) Method using Abbott Alinity c analyser A & B as documented in JP/HEBHK/CP/AK-002 & JP/HEBHK/CP/TPM-002
	Alanine Transaminase	
	Alkaline Phosphatase	
	Ammonia	
	Amylase	
	Aspartate Transaminase	
	Bilirubin Total	
	Calcium	
	Chloride	
	Cholesterol	
	Creatine Kinase	
	Creatinine	
	Direct Bilirubin	
	Glucose	
	High Density Lipoprotein Cholesterol	
	Lactate Dehydrogenase	
	Magnesium	
	Phosphate	
	Potassium	
	Protein, Total	
	Sodium	
	Triglycerides	
	Urea	
	Uric Acid	
		Enzymatic: NADH (without P-5'-P) Method using Abbott Alinity c analyser A & B as documented in JP/HEBHK/CP/AK-001 & JP/HEBHK/CP/TPM-002
		Para-nitrophenyl Phosphate Method using Abbott Alinity c analyser A & B as documented in JP/HEBHK/CP/AK-003 & JP/HEBHK/CP/TPM-002
		Glutamate Dehydrogenase Method using Abbott Alinity c analyser A & B as documented in JP/HEBHK/CP/AK-004 & JP/HEBHK/CP/TPM-002
		Enzymatic (CNPG3 Substrate) – IFCC units Method using Abbott Alinity c analyser A & B as documented in JP/HEBHK/CP/AK-005 & JP/HEBHK/CP/TPM-002
		Enzymatic (NADH (without P-5'-P) Method using Abbott Alinity c analyser A & B as documented in JP/HEBHK/CP/AK-006 & JP/HEBHK/CP/TPM-002
		Diazonium Salt Method

		using Abbott Alinity c analyser A & B as documented in JP/HEBHK/CP/AK-019 & JP/HEBHK/CP/TPM-002
		Arsenazo III Method using Abbott Alinity c analyser A & B as documented in JP/HEBHK/CP/AK-007 & JP/HEBHK/CP/TPM-002
		Ion-selective electrode diluted (Indirect) Method using Abbott Alinity c analyser A & B as documented in JP/HEBHK/CP/AK-012 & JP/HEBHK/CP/TPM-002
		Enzymatic Method using Abbott Alinity c analyser A & B as documented in JP/HEBHK/CP/AK-008 & JP/HEBHK/CP/TPM-002
		NAC (N-acetyl-L-cysteine) Method using Abbott Alinity c analyser A & B as documented in JP/HEBHK/CP/AK-010 & JP/HEBHK/CP/TPM-002
		Enzymatic Method using Abbott Alinity c analyser A & B as documented in JP/HEBHK/CP/AK-011 & JP/HEBHK/CP/TPM-002
		Diazo Reaction Method using Abbott Alinity c analyser A & B as documented in JP/HEBHK/CP/AK-019 & JP/HEBHK/CP/TPM-002
		Enzymatic (Hexokinase/G-6-PDH) Method using Abbott Alinity c analyser A & B as documented in JP/HEBHK/CP/AK-013 & JP/HEBHK/CP/TPM-002
		Accelerator Selective Detergent Method using Abbott Alinity c analyser A & B as documented in JP/HEBHK/CP/AK-014 & JP/HEBHK/CP/TPM-002
		IFCC recommended forward reaction - Lactate to Pyruvate Method using Abbott Alinity c analyser A & B as documented in JP/HEBHK/CP/AK-016 &

		JP/HEBHK/CP/TPM-002
		Enzymatic Method using Abbott Alinity c analyser A & B as documented in JP/HEBHK/CP/AK-017 & JP/HEBHK/CP/TPM-002
		Phosphomolybdate Method using Abbott Alinity c analyser A & B as documented in JP/HEBHK/CP/AK-018 & JP/HEBHK/CP/TPM-002
		Ion-selective electrode diluted (Indirect) Method usingAbbott Alinity c analyser A & B as documented in JP/HEBHK/CP/AK-012 & JP/HEBHK/CP/TPM-002
		Biuret Method using Abbott Alinity c analyser A & B as documented in JP/HEBHK/CP/AK-020 & JP/HEBHK/CP/TPM-002
		Ion-selective electrode diluted (Indirect) Method using Abbott Alinity c analyser A & B as documented in JP/HEBHK/CP/AK-019 & JP/HEBHK/CP/TPM-002
		Glycerol Phosphate Oxidase Method using Abbott Alinity c analyser A & B as documented in JP/HEBHK/CP/AK-021 & JP/HEBHK/CP/TPM-002
		Urease Method using Abbott Alinity c analyser A & B as documented in JP/HEBHK/CP/AK-022 & JP/HEBHK/CP/TPM-002
		Uricase Method using Abbott Alinity c analyser A & B as documented in JP/HEBHK/CP/AK-023 & JP/HEBHK/CP/TPM-002

Serum	Total Iron	Ferene Method using Abbott Alinity c analyser A & B as documented in JP/HEBHK/CP/AK-015 & JP/HEBHK/CP/TPM-002
	Unsaturated Iron Binding Capacity (UIBC)	Ferene Method using Abbott Alinity c analyser A & B as documented in JP/HEBHK/CP/AK-015 & JP/HEBHK/CP/TPM-002
	C-Reactive Protein (CRP)	Turbidimetric/Immunoturbidimetric Method using Abbott Alinity c analyser A & B as documented in JP/HEBHK/CP/AK-009 & JP/HEBHK/CP/TPM-002
	Beta Human Chorionic Gonadotropin	Chemiluminescent Microparticle Immunoassay (CMIA) Method using Abbott Alinity i analyser A & B as documented in JP/HEBHK/CP/AK-025 & JP/HEBHK/CP/TPM-003
	Ferritin	Chemiluminescent Microparticle Immunoassay (CMIA) Method using Abbott Alinity i analyser A & B as documented in JP/HEBHK/CP/AK-028 & JP/HEBHK/CP/TPM-003
	Thyroid Stimulating Hormone	Chemiluminescent Microparticle Immunoassay (CMIA) Method using Abbott Alinity i analyser A & B as documented in JP/HEBHK/CP/AK-026 & JP/HEBHK/CP/TPM-003
	Thyroxine Free T4	Chemiluminescent Microparticle Immunoassay (CMIA) Method using Abbott Alinity i analyser A & B as documented in JP/HEBHK/CP/AK-027 & JP/HEBHK/CP/TPM-003
Urine	Urinalysis	Reflectance Photometer Method using YD Diagnostics as documented in JP/HEBHK/UD/AK-001 & JP/HEBHK/UD/TPM-001
Whole Blood	HbA1C	Ion Exchange High-Performance Liquid Chromatography (HPLC) Method using Bio-Rad D10 as documented in JP/HEBHK/CP/AK-030 & JP/HEBHK/UD/TPM-004

SCOPE OF MEDICAL TESTING : HAEMATOLOGY

Specimen Tested	**Type of Test/ Properties Measured/**	**Test Methods,Specifications/ Equipment/Techniques Used**
Whole Blood	Full Blood Count	Flow cytometry, Hydrodynamic Focusing and SLS- Haemoglobin Method using Sysmex XN1000 analyser A & B as documented in JP/HEBHK/HM/AK-001 & JP/HEBHK/HM/TPM-001
	Reticulocytes Count (Automated)	Fluorescence flow cytometry with semiconductor laser using Sysmex XN1000 analyser A & B as documented in JP/HEBHK/HM/AK-002 & JP/HEBHK/HM/TPM-001
	Peripheral Blood Film	Thin Blood Film Method using Leishman Stain by manual slide smear procedure as documented in JP/HEBHK/HM/AK-006, JP/HEBHK/HM/AK-013 & JP/HEBHK/HM/AK-018
	ABO/ RhD Grouping Test	Tube method & Column Agglutination Method using Gelcard (Semi auto) / BIORAD by manual procedure as documented in JP/HEBHK/TDL/AK-006, JP/HEBHK/TDL/TPM-002 & JP/HEBHK/TDL/TPM-003
Plasma	PT / APTT	Multi-wavelength System – Clotting Assay using Sysmex CS1600i analyser A & B as documented in JP/HEBHK/HM/AK-003 & JP/HEBHK/HM/TPM-002
	Fibrinogen	Multi-wavelength System – Clotting Assay using Sysmex CS1600i analyser A & B as documented in JP/HEBHK/HM/AK-009 & JP/HEBHK/HM/TPM-002
	D-Dimer (Quantitative)	Multi-wavelength System – Clotting Assay using Sysmex CS1600i analyser A & B as documented in JP/HEBHK/HM/AK-008 & JP/HEBHK/HM/TPM-002

Cord Blood/whole Blood	G6PD	Fluorescence Screening Test by manual procedure as documented in JP/HEBHK/HM/AK-005 & JP/HEBHK/HM/TPM-004
Bone Marrow Aspirate	Bone Marrow Aspirate	BMA Smear and Stain Method using May Grunwald Giemsa Stain & Perl's Stain by manual slide smear procedure as documented in JP/HEBHK/HM/AK-007, JP/HEBHK/HM/AK-011 & JP/HEBHK/HM/AK-012

SCOPE OF MEDICAL TESTING : MEDICAL MICROBIOLOGY

Specimen Tested	**Type of Test/ Properties Measured/**	**Test Methods,Specifications/ Equipment/Techniques Used**
Whole Blood	Culture & Sensitivity Testing Blood Film Malaria Parasite (BFMP)	Culture & Sensitivity testing by manual procedure as documented in JP/HEBHK/MB/AK-008 & JP/HEBHK/MB/AK-025 Blood film (Thick and thin smear) using Giemsa stain by manual procedure as documented in JP/HEBHK/MB/AK-021
Csf / Body Fluid	Culture & Sensitivity Testing	Culture & Sensitivity testing by manual procedure as documented in JP/HEBHK/MB/AK-009, JP/HEBHK/MB/AK-025 & JP/HEBHK/MB/TPM-017
Urine	Culture & Sensitivity Testing	Culture & Sensitivity testing by manual procedure as documented in JP/HEBHK/MB/AK-010 & JP/HEBHK/MB/AK-025
Pus/tissue /bone/ Aspirate	Culture & Sensitivity Testing	Culture & Sensitivity testing by manual procedure as documented in JP/HEBHK/MB/AK-011 & JP/HEBHK/MB/AK-025

Sputum	Culture & Sensitivity Testing	Culture & Sensitivity testing by manual procedure as documented in JP/HEBHK/MB/AK-012 & JP/HEBHK/MB/AK-025
Throat Swab	Culture & Sensitivity Testing	Culture & Sensitivity testing by manual procedure as documented in JP/HEBHK/MB/AK-013 & JP/HEBHK/MB/AK-025
Nasal Swab	Culture & Sensitivity Testing	Culture & Sensitivity testing by manual procedure as documented in JP/HEBHK/MB/AK-022 & JP/HEBHK/MB/AK-025
Eye Swab	Culture & Sensitivity Testing	Culture & Sensitivity testing by manual procedure as documented in JP/HEBHK/MB/AK-015, JP/HEBHK/MB/AK-025 & JP/HEBHK/MB/AK-029
Ear Swab	Culture & Sensitivity Testing	Culture & Sensitivity testing by manual procedure as documented in JP/HEBHK/MB/AK-016 & JP/HEBHK/MB/AK-025
Genital Specimen	Culture & Sensitivity Testing	Culture & Sensitivity testing by manual procedure as documented in JP/HEBHK/MB/AK-017 & JP/HEBHK/MB/AK-025
Tracheal Aspirate	Culture & Sensitivity Testing	Culture & Sensitivity testing by manual procedure as documented in JP/HEBHK/MB/AK-012 & JP/HEBHK/MB/AK-025
Sputum/ Urine/ Csf/ Pus/ Body Fluid/ Pleural Fluid/ Peritoneal Fluid/ Stool/ Tissue	AFB Direct Smear	Acid Fast Bacilli Direct Smear by manual procedure as documented in JP/HEBHK/MB/AK-019

Serum	Rheumatoid Arthritis Factor (RF) Rapid Plasma Reagin (RPR) Treponema Pallidum Particle Agglutination (TPPA) Leptospira IgM Mycoplasma Serology Ujian Anti-Streptolysin 'O' Titre (ASOT)	Latex agglutination by manual procedure as documented in JP/HEBHK/MB/AK-003 Latex agglutination by manual procedure as documented in JP/HEBHK/MB/AK-004 Treponema Pallidum Particle Agglutination (TPPA by manual procedure as documented in JP/HEBHK/MB/AK-005 Latex Agglutination by manual procedure as documented in JP/HEBHK/MB/AK-007 Particle agglutination by manual procedure as documented in JP/HEBHK/MB/AK-006 Latex agglutination by manual procedure as documented in JP/HEBHK/MB/AK-020
Virology Serum	Anti-HBs Anti-HCV HBSAG HIV 1/2 PA For HIV 1/2	Chemiluminescent Enzyme Immunoassay (CLEIA) Method using Sysmex HISCL-800 as documented in JP/HEBHK/MB/AK-036 & JP/HEBHK/MB/TPM-025 Test Method :Chemiluminescent Enzyme Immunoassay (CLEIA) Method using Sysmex HISCL-800 as documented in JP/HEBHK/MB/AK-036 & JP/HEBHK/MB/TPM-025 Test Method :Chemiluminescent Enzyme Immunoassay (CLEIA) Method using Sysmex HISCL-800 as documented in JP/HEBHK/MB/AK-036 & JP/HEBHK/MB/TPM-025 Test Method :Chemiluminescent Enzyme Immunoassay (CLEIA) Method using Sysmex HISCL-800 as documented in JP/HEBHK/MB/AK-036 & JP/HEBHK/MB/TPM-025 HIV 1/2 Particle Agglutination by manual procedure as documented in JP/HEBHK/MB/AK-002

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NOTE :