Schedule

Issue date: 19 March 2025
Valid Until: -

NO: SAMM 1032

LABORATORY LOCATION: (PERMANENT LABORATORY)	Unit Patologi, Hospital Alor Gajah Jalan Paya Dato', 78000 Alor Gajah, Melaka. , 78000, MELAKA MALAYSIA
ACCREDITED SINCE :	19 MARCH 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	Unit Patologi, Hospital Alor Gajah Jalan Paya Dato', 78000 Alor Gajah, Melaka. , 78000, Melaka
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**
Stool	Culture	Routine culture to identify the pathogenic pathogen as documented in HAG/UPAT/MIMWI-009
	Microscopy	Gram stain / Direct Examination as documented in HAG/UPAT/MI/TPM-010
Pus And Tissue	Culture	Routine culture to identify the pathogenic pathogen as documented in HAG/UPAT/MIMWI1-024
	Microscopy	Gram stain / Direct Examination as documented in HAG/UPAT/MI/TPM-010
Urine	Microscopy	Phase Contrast Examination Urine Using Kova Slide as documented in HAG/UPAT/MI/TPM-013
	Culture	Using Calibrated Dip Strips
	Culture	Routine culture to identify the pathogenic pathogen as documented in
Respiratory - Upper Respiratory Tract And Lower Respiratory Tract	Microscopy Culture	Gram stain / Direct Examination as documented in HAG/UPAT/MI/TPM-010 Routine culture to identify the pathogenic pathogen as documented in
High Vaginal Swab Genital Specimens	Culture	Routine culture to identify the pathogenic pathogen in as documented in HAG/UPAT/MI/WI-003
	Microscopy	Direct Examination as documented in HAG/UPAT/MI/WI-003

Blood Culture & Sensitivity	Microscopy	Direct Examination as documented in HAG/UPAT/MI/TPM-010
	Culture	Aseptic technique refers Handling of Microbiology Specimens HAG/UPAT/MI/WI-001 Test method/Equipment for Blood Culture I using Bactec FX40 for automated blood culture system use for blood bottle incubation (Refer iii Culture of microorganism on agar plates. Refer HAG/UPAT/MI/TPM-001 Identification the organism uses Vitek 2 IV compact Instrument Refer in Work Instruction of Processing Blood Specimens HAG/UPAT/MI/WI-005 Refer in Work Instruction Vitek 2 Compact Instrument HAG/UPAT/MI
Whole Blood	Coom bs Test : IAT (Indirect Antiglobulin Test)/ Antibody Screening DAT (Direct I Antiglobulin Test)	Column Agglutination Method Using ID-Card ?LISS/Coombs? / ID ?Incubator, as documented in HAG/UPAT/BB/TPM003
	Crossmatching	Column Agglutination Method Using ID-Card ?LISS/Coombs? / ID ?Incubator, ID-Centrifuge as documented in HAG/UPAT/BB/TPM004
	Rh Blood grouping	Tube Method / Serofuge as documented in
	Blood Grouping	Tube Method / Serofuge as documented in
	Erythrocyte Sedimentation Rate	Vital Diagnostic Monosed
	Erythrocyte Sedimentation Rate	Infrared Detection Method as documented in HAG/UPAT/HM/WI-004 & HAG/UPAT/HM/TPM-005
	Haemoglobin	HAG/UPAT/HM/WI-005, HAG/UPAT/HM/W1-006 Sysmex XN 550 & Sysmex XN 1500
	Haemoglobin	Hemoglobin Count: SLS haemoglobin detection method as documented in HAG/UPAT/HM/TPM-001
	Hematocrit	HAG/UPAT/HM/WI-005, HAG/UPAT/HM/W1-006 Sysmex XN 550 & Sysmex XN 1500
	Hematocrit	HAG/UPAT/HM/TPM-001

	Hematocrit	Hematocrit Count: RBC cumulative pulse height detection method as documented in
	Platelet	HAG/UPAT/HM/WI-005, HAG/UPAT/HM/W1-006 Sysmex XN 550 & Sysmex XN 1500
	Platelet	HAG/UPAT/HM/TPM-001
	Platelet	Platelet Count: Hydrodynamic focusing direct current detection method as documented in
	Red Blood Cell Count	HAG/UPAT/HM/WI-005, HAG/UPAT/HM/W1-006 Sysmex XN 550 & Sysmex XN 1500
	Red Blood Cell Count	HAG/UPAT/HM/TPM-001
	Red Blood Cell Count	Red Blood Cell Count: Hydrodynamic focusing direct current detection method as documented in
	White blood cell count	HAG/UPAT/HM/WI-005, HAG/UPAT/HM/WI-006 Sysmex XN 550 & Sysmex XN 1500
	White blood cell count	cytometry method using semiconductor laser as documented in HAG/UPAT/HM/TPM-001
	White blood cell count	White Blood Cell Count: Fluorescence flow
	pO2	Potentiometric Method as documented in HAG/UPAT/BCM/TPM-030 Gem Premier 3500
	pCOz	Potentiometric Method as documented in HAG/UPAT/BCM/TPM-029 Gem Premier 3500
	pH	Potentiometric Method as documented in HAG/UPAT/BCM/TPM-028 Gem Premier 3500
Medicine	None	None
Transfusion	None	None
Plasma	Thromboplastin Time	Mixing test Method as documented in HAG/UPAT/HM/TPM-009
	Thromboplastin Time	HAG/UPAT/HM/WI-003 & HAG/UPAT/HM/TPM-008 Stago STA Compact Max
	Activated Partial	Mechanical clot detection method as documented in

	Prothrombin time	Mixing test Method as documented in HAG/UPAT/HM/TPM-009
	Prothrombin time	Stago STA Compact Max
	Prothrombin time	HAG/UPAT/HM/WI-003 & HAG/UPAT/HM/TPM-007
	Prothrombin time	Mechanical clot detection method as documented in
Dried Blood Spot	G6PD deficiency	Enzymatic method using fluorescence spot test as documented in HAG/UPAT/HM/TPM-006
Serum	C-Reactive Protein	Turbidimetry Method as documented in HAG/UPAT/BCM/TPM-035 Siemens Atellica CH
	Chloride	ndirect IMT Method as documented in HAG/UPAT/BCM/TPM-022 Siemens Atellica CH
	Potassium	ndirect IMT Method as documented in HAG/UPAT/BCM/TPM-021 Siemens Atellica CH
	Sodium	ndirect IMT Method as documented in HAG/UPAT/BCM/TPM-020 Siemens Atellica CH
	Lactate Dehydrogenase	FCC Method as documented in HAG/UPAT/BCM/TPM-019 Siemens Atellica CH
	Creatine Kinase	FCC 2 part / Imidazole Buffer Method as documented in HAG/UPAT/BCM/TPM-018 Siemens Atellica CH
	Uric Acid	Uricase Method as documented in HAG/UPAT/BCM/TPM-015 Siemens Atellica CH
	Urea	Urease Method as documented in HAG/UPAT/BCM/TPM-014 Siemens Atellica CH
	Triglyceride	GPO-PAP Method as documented in HAG/UPAT/BCM/TPM-013 Siemens Atellica CH
	Total Protein	Biuret Method as documented in HAG/UPAT/BCM/TPM-012 Siemens Atellica CH

	Inorganic Phosphorous	Phosphomolybdate Method as documented in HAG/UPAT/BCM/TPM-011 Siemens Atellica CH
	HDL - Cholesterol	Elimination Method as documented in HAG/UPAT/BCM/TPM-010 Siemens Atellica CH
	Glucose	Hexokinase Method as documented in HAG/UPAT/BCM/TPM-009 Siemens Atellica CH
	Creatinine	Alk. Picrate-Kinetic Method as documented in HAG/UPAT/BCM/TPM-008 Siemens Atellica CH
	Cholesterol	CHO-POD Method as documented in HAG/UPAT/BCM/TPM-007 Siemens Atellica CH
	Calcium	Arsenazo Dye Method as documented in HAG/UPAT/BCM/TPM-006 Siemens Atellica CH
	Total Bilirubin	Chemical Oxidation (Vandate) Method as documented in HAG/UPAT/BCM/TPM-005 Siemens Atellica CH
	Direct Bilirubin	Chemical Oxidation (Vandate) Method as documented in HAG/UPAT/BCM/TPM-004 Siemens Atellica CH
	Alanine aminotransfarase	Modified IFCC without P-5-P Method as documented in HAG/UPAT/BCM/TPM-003 Siemens Atellica CH
	Alkaline Phosphatase	IFCC Method as documented in HAG/UPAT/BCM/TPM-002 Siemens Atellica CH
	Albumin	Bromocresol Method as documented in HAG/UPAT/BCM/TPM-001 Siemens Atellica CH

SCOPE OF MEDICAL TESTING : HAEMATOLOGY

Specimen Tested	**Type of Test/ Properties Measured/**	**Test Methods,Specifications/ Equipment/Techniques Used**

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SCOPE OF MEDICAL TESTING : MEDICAL MICROBIOLOGY

Specimen Tested	Type of Test/ Properties Measured/	Test Methods,Specifications/ Equipment/Techniques Used

NOTE :