


Schedule

Issue date: 30 July 2024
Valid Until: 30 July 2029



NO: SAMM 1030

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LABORATORY LOCATION: (PERMANENT LABORATORY) 	Unit Patologi, Hospital Jasin, 77000 Jasin, Melaka. , 77000, MELAKA MALAYSIA
ACCREDITED SINCE :	30 JULY 2024
FIELD(S) OF MEDICAL TESTING :	CHEMICAL PATHOLOGY HAEMATOLOGY HAEMATOLOGY (IMMUNOHAEMATOLOGY) 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 Communiqué, November 2021)

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CENTRAL LOCATION	Unit Patologi, Hospital Jasin, 77000 Jasin, Melaka. , 77000, Melaka
FIELD(S) OF MEDICAL TESTING :	CHEMICAL PATHOLOGY, HAEMATOLOGYHAEMATOLOGY (IMMUNOHAEMATOLOGY)MEDICAL MICROBIOLOGY

SCOPE OF MEDICAL TESTING : CHEMICAL PATHOLOGY

Specimen Tested	Type of Test/ Properties Measured/	Test Methods,Specifications/ Equipment/Techniques Used
Whole Blood	Blood gases analysis (arterial / venous)	Potentiometric and Amperometric principle method / ABL 800 + GEM Premier as documented in HJ/PAT/CP/TPM-026
	Full Blood Count	Fluorescence flow cytometry & SLS method / XN-1500 & XN-550 as documented in HJ/PAT/HAEM/TPM-001
	ABO Grouping	Forward and Reverse Grouping using Tube method as documented in HJ/PAT/BB/TPM-002
	Rh (D) Typing	Forward and Reverse Grouping using Tube method as documented in HJ/PAT/BB/TPM-003
	Antibody Screening	IAT method using Gel Card as documented in HJ/PAT/BB/TPM-004
	Compatibility Testing	IAT method using Gel Card as documented in HJ/PAT/BB/TPM-004
Serum / Plasma	Urea	Urease with GLDH method / Atellica CH as documented in HJ/PAT/CP/TPM-001
	Sodium	IMT Indirect ISE method / Atellica CH as documented in HJ/PAT/CP/TPM-002
	Potassium	IMT Indirect ISE method / Atellica CH as documented in HJ/PAT/CP/TPM-003
	Chloride	IMT Indirect ISE method / Atellica CH as documented in HJ/PAT/CP/TPM-004

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Creatinine	Jaffe, Alkaline Picrate, Kinetic with Blank Rate method / Atellica CH as documented in HJ/PAT/CP/TPM-005
Glucose	Hexokinase method / Atellica CH as documented in HJ/PAT/CP/TPM-006
Urid Acid	Uricase / Peroxidase method / Atellica CH as documented in HJ/PAT/CP/TPM-007
Calcium	Arsenazo, Colorimetric method / Atellica CH as documented in HJ/PAT/CP/TPM-008
Phosphorus	Phosphmolybdate method / Atellica CH as documented in HJ/PAT/CP/TPM-009
Cholesterol	Colorimetric, Peroxidase method / Atellica CH as documented in HJ/PAT/CP/TPM-010
Triglyceride	GPO-Trinder without Serum Blank method / Atellica CH as documented in
Triglyceride	HJ/PAT/CP/TPM-011
Total Bilirubin	Vanadate Oxidation method / Atellica CH as
Total Bilirubin	documented in HJ/PAT/CP/TPM-012
Direct Bilirubin	Vanadate Oxidation method / Atellica CH as
Direct Bilirubin	documented in HJ/PAT/CP/TPM-013
Total Protein	Biuret, Endpoint with Blank method / Atellica CH as documented in HJ/PAT/CP/TPM-014
Albumin	BCG Dye Binding method / Atellica CH as documented in HJ/PAT/CP/TPM-015
Alkaline Phosphatase	IFCC Standardization method / Atellica CH as documented in HJ/PAT/CP/TPM-016
Alanine	Modified IFCC UV without P5P method /
Aminotransferase	Atellica CH as documented in
Aminotransferase	HJ/PAT/CP/TPM-017
Aspartate Aminotransaminase	Modified IFCC UV without P5P method / Atellica CH as documented in
Aspartate Aminotransaminase	HJ/PAT/CP/TPM-018

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Lactate Dehydrogenase	Lactate to Pyruvate method / Atellica CH as documented in HJ/PAT/CP/TPM-019
Creatinine Kinase	Enzymatic, IFCC method / Atellica CH as documented in HJ/PAT/CP/TPM-020
HDL-Cholesterol	Direct Measure, Eliminatin / Catalase method / Atellica CH as documented in
HDL-Cholesterol	HJ/PAT/CP/TPM-022
C-Reactive Protein	Turbidimetry method / Atellica CH as documented in HJ/PAT/CP/TPM-023
Magnesium	Xylidyl Blue method / Atellica CH as documented in HJ/PAT/CP/TPM-024

SCOPE OF MEDICAL TESTING : HAEMATOLOGY

Specimen Tested	Type of Test/ Properties Measured/	Test Methods, Specifications/ Equipment/Techniques Used
Plasma	Prothrombin Time	Electromagnetic / Calcium Thromboplastin method / STAGO STA Satellite as documented in HJ/PAT/HAEM/TPM-002
	Activated Partial Thromboplastin Time	Electromagnetic / Recalcification Cephalin method / STAGO STA Satellite as documented in HJ/PAT/HAEM/TPM-003
Whole Blood	Full Blood Count	Fluorescence flow cytometry & SLS method / XN-1500 & XN-550 as documented in HJ/PAT/HAEM/TPM-001

SCOPE OF MEDICAL TESTING : HAEMATOLOGY (IMMUNOHAEMATOLOGY)

Specimen Tested	Type of Test/ Properties Measured/	Test Methods, Specifications/ Equipment/Techniques Used
Plasma	Prothrombin Time	Electromagnetic / Calcium Thromboplastin method / STAGO STA Satellite as documented in HJ/PAT/HAEM/TPM-002

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	Activated Partial Thromboplastin Time	Electromagnetic / Recalcification Cephalin method / STAGO STA Satellite as documented in HJ/PAT/HAEM/TPM-003
Whole Blood	Full Blood Count	Fluorescence flow cytometry & SLS method / XN-1500 & XN-550 as documented in HJ/PAT/HAEM/TPM-001

SCOPE OF MEDICAL TESTING : HAEMATOLOGY

Specimen Tested	Type of Test/ Properties Measured/	Test Methods, Specifications/ Equipment/Techniques Used
Whole Blood	ABO Grouping	Forward and Reverse Grouping using Tube method as documented in HJ/PAT/BB/TPM-002
	Rh (D) Typing	Forward and Reverse Grouping using Tube method as documented in HJ/PAT/BB/TPM-003
	Antibody Screening	IAT method using Gel Card as documented in HJ/PAT/BB/TPM-004
	Compatibility Testing	IAT method using Gel Card as documented in HJ/PAT/BB/TPM-004

SCOPE OF MEDICAL TESTING : HAEMATOLOGY (IMMUNOHAEMATOLOGY)

Specimen Tested	Type of Test/ Properties Measured/	Test Methods, Specifications/ Equipment/Techniques Used
Whole Blood	ABO Grouping	Forward and Reverse Grouping using Tube method as documented in HJ/PAT/BB/TPM-002
	Rh (D) Typing	Forward and Reverse Grouping using Tube method as documented in HJ/PAT/BB/TPM-003
	Antibody Screening	IAT method using Gel Card as documented in HJ/PAT/BB/TPM-004

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	Compatibility Testing	IAT method using Gel Card as documented in HJ/PAT/BB/TPM-004
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SCOPE OF MEDICAL TESTING : MEDICAL MICROBIOLOGY

Specimen Tested	Type of Test/ Properties Measured/	Test Methods, Specifications/ Equipment/Techniques Used
Cerebrospinal Fluid	Microscopy Culture & Sensitivity	In house method for Examination Microscopy and Routine Culture / Streaking on selective & enrichment media as documented in
	Microscopy Culture & Sensitivity	HJ/PAT/MIC/WI-015
	Microscopy Culture & Sensitivity	Traceable to Clinical Microbiology Procedure Handbook Henry Isenberg
Body Fluid	Microscopy Culture & Sensitivity	In house method for Examination Microscopy and Routine Culture / Streaking on selective & enrichment media as documented in
	Microscopy Culture & Sensitivity	HJ/PAT/MIC/WI-014
	Microscopy Culture & Sensitivity	Traceable to Clinical Microbiology Procedure Handbook Henry Isenberg
Blood	Microscopy Culture & Sensitivity	In house method for Examination Microscopy and Routine Culture / BACTEC 9050 (blood incubator) / Stained, streaking on selective & enrichment media as documented in
	Microscopy Culture & Sensitivity	HJ/PAT/MIC/WI-013 Traceable to Clinical Microbiology Procedure Handbook Henry Isenberg
Tissue	Culture & Sensitivity	In house method for Routine Culture / Streaking on selective & enrichment media as documented in
	Culture & Sensitivity	HJ/PAT/MIC/WI-012 Traceable to Clinical Microbiology Procedure Handbook Henry Isenberg
Pas / Wound / Swab	Culture & Sensitivity	In house method for Routine Culture / Streaking on selective & enrichment media as documented in HJ/PAT/MIC/WI-011

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	Culture & Sensitivity	Traceable to Clinical Microbiology Procedure Handbook Henry Isenberg
Urine	Microscopy Culture & Sensitivity	In house method for Direct Examination Microscopy and Routine Culture / Semi quantitative method using calibrated loop, Phase Contrast Examination of Uncentrifuged Urine using Kova Slide as documented in HJ/PAT/MIC/WI-010
Sputum	Microscopy & Stained Slide Culture & Sensitivity	In house method for Direct Examination Microscopy and Routine Culture / Streaking on selective & enrichment media as documented in HJ/PAT/MIC/WI-009
	Microscopy & Stained Slide Culture & Sensitivity	Traceable to Clinical Microbiology Procedure Handbook Henry Isenberg
Stool / Faeces	Culture & Sensitivity	In house method for Routine Culture / Streaking on selective & enrichment media as documented in HJ/PAT/MIC/WI-008
	Culture & Sensitivity	Traceable to Clinical Microbiology Procedure Handbook Henry Isenberg

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