

Schedule

Issue date: 21 March 2025
Valid until: 21 May 2028



NO: SAMM 972

(Issue 02, 21 March 2025 replacement
of SAMM 972 dated 21 June 2023)

Page: 1 of 4

LABORATORY LOCATION: (PERMANENT LABORATORY)



**PREMIER INTEGRATED LABS SHD. BHD.
(CHERAS BRANCH)**
11 & 11-1, JALAN 3/96A
TAMAN CHERAS MAKMUR
56100 W.P. KUALA LUMPUR
MALAYSIA

FIELD OF MEDICAL TESTING:

HAEMATOLOGY & CHEMICAL PATHOLOGY

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 dated November 2021).

SCOPE OF MEDICAL TESTING: HAEMATOLOGY

Specimen Tested	Type of Test/ Properties Measured/	Test Methods, Specifications/ Equipment/Techniques Used
Immunohaematology Whole Blood	ABO & Rh D Blood Grouping	Manual tube method as documented in Blood Bank Procedure Manual chapter BP020
	Cross-matching	Column Agglutination (gel card) method as documented in Blood Bank Procedure Manual chapter BP026
	Direct Antiglobulin Test	Column agglutination (gel card) method as documented in Blood Bank procedure Manual chapter BP085
	Antibody screening / Indirect Antiglobulin Test	Column agglutination (gel card) method as documented in Blood Bank Procedure manual chapter BP005
Whole Blood	Full Blood Count (FBC)	Fluorescent flow cytometry, hydrodynamic focusing and Cyanide-free SLS method using Sysmex XN 1000 analyzer as documented in Haematology Procedure Manual, YP037
Plasma	APTT	Turbodensitometric measuring method using Sysmex CA 104 Analyzer as documented in Haematology Procedure Manual chapter YP151
	PT	Turbodensitometric Measuring method using Sysmex CA 104 Analyzer as documented in Haematology Procedure Manual chapter YP152

NO: SAMM 972

(Issue 02, 21 March 2025 replacement
of SAMM 972 dated 21 June 2023)

Page: 2 of 4

SCOPE OF MEDICAL TESTING: CHEMICAL PATHOLOGY

Specimen Tested	Type of Test/ Properties Measured/	Test Methods, Specifications/ Equipment/Techniques Used
Serum/Plasma	Alanine Aminotransferase (ALT)	Modified Wroblewski and LaDue, modified IFCC, with P5P method using Dimension RXL Max as documented in Biochemistry Procedure Manual chapter CP010
	Albumin	Bromocresol Purple (BCP) dye binding method using Dimension RXL Max as documented in Biochemistry Procedure Manual chapter CP015
	Alkaline Phosphatase (ALP)	Bowers and McComb, IFCC standardization method using Dimension RXL Max as documented in Biochemistry Procedure Manual chapter CP020
	Amylase	Hydrolysis of CNPG3 method using Dimension RXL Max as documented in Biochemistry Procedure Manual chapter CP025
	Aspartate Aminotransferase (AST)	Modified IFCC, with P5P method using Dimension RXL Max as documented in Biochemistry Procedure Manual chapter CP035
	Bilirubin (Total)	Modified Diazo method using Dimension RXL Max as documented in Biochemistry Procedure Manual chapter CP135
	Calcium	Modification of the calcium o-cresolphthalein complexone (OCPC) reaction method using Dimension RXL Max as documented in Biochemistry Procedure Manual chapter CP040
	Chloride	Indirect Integrated Multisensor Technology (IMT) method using Dimension RXL Max as documented in Biochemistry Procedure Manual chapter CP075
	Cholesterol (Total)	Enzymatic cholesterol oxidase, esterase, peroxidase method using Dimension RXL Max as documented in Biochemistry Procedure Manual chapter CP050
	Creatine Kinase MB Isoenzyme (CKMB)	Modified IFCC CK Primary Reference method using Dimension RXL Max as documented in Biochemistry Procedure Manual chapter CP060

NO: SAMM 972

(Issue 02, 21 March 2025 replacement
of SAMM 972 dated 21 June 2023)

Page: 3 of 4

SCOPE OF MEDICAL TESTING: CHEMICAL PATHOLOGY

Specimen Tested	Type of Test/ Properties Measured/	Test Methods, Specifications/ Equipment/Techniques Used
Serum/Plasma	Creatine Kinase (CK)	IFCC Primary Reference method using Dimension RXL Max as documented in Biochemistry Procedure Manual chapter CP055
	Creatinine	Kinetic Alkaline picrate (modified Jaffe) method using Dimension RXL Max as documented in Biochemistry Procedure Manual chapter CP065
	Gamma-Glutamyl Transferase (GGT)	L-γ-glutamyl-3-carboxy-4-nitroanilide substrate reaction/IFCC method using Dimension RXL Max as documented in Biochemistry Procedure Manual chapter CP085
	Glucose	Hexokinase method using Dimension RXL Max as documented in Biochemistry Procedure Manual chapter CP090
	HDL Cholesterol	PEG-modified Cholesterol esterase, oxidase, peroxidase, end point method using Dimension RXL Max as documented in Biochemistry Procedure Manual chapter CP037
	Lactate Dehydrogenase (LDH)	Lactate to pyruvate, nicotinamide adenine dinucleotide (NAD) method using Dimension RXL Max as documented in Biochemistry Procedure Manual chapter CP100
	Phosphate (Inorganic)	Phosphomolybdate method using Dimension RXL Max as documented in Biochemistry Procedure Manual chapter CP125
	Potassium	Indirect Integrated Multisensor Technology (IMT) method using Dimension RXL Max as documented in Biochemistry Procedure Manual chapter CP075
	Sodium	Indirect Integrated Multisensor Technology (IMT) method using Dimension RXL Max as documented in Biochemistry Procedure Manual chapter CP075
	Total Protein	Biuret reaction method using Dimension RXL Max as documented in Biochemistry Procedure Manual chapter CP140
	Triglyceride	Glycerol Phosphate Oxidase reaction method using Dimension RXL Max as documented in Biochemistry Procedure Manual chapter CP145

NO: SAMM 972

(Issue 02, 21 March 2025 replacement
of SAMM 972 dated 21 June 2023)

Page: 4 of 4

SCOPE OF MEDICAL TESTING: CHEMICAL PATHOLOGY

Specimen Tested	Type of Test/ Properties Measured/	Test Methods, Specifications/ Equipment/Techniques Used
Serum/Plasma	Urea Nitrogen	Urease/glutamate dehydrogenase method using Dimension RXL Max as documented in Biochemistry Procedure Manual chapter CP150
	Uric Acid	Uricase method using Dimension RXL Max as documented in Biochemistry Procedure Manual chapter CP155
	FEME	Semi-Automated reflectance spectroscopy method using Clinitek Advantus as documented in Microbiology Procedures Manual VP208

Laboratory Key Personnel:

	Name	Designation
1.	Dr. Shahrin Iskandar bin Abdul Wahab	Laboratory Director
2.	Muhammad Afiq bin Jaini	Quality Manager
3.	Siti Hajar binti Anor	Deputy Quality Manager/ Deputy Technical Manager (Haematology)
4.	Jeyaraj A/L Pannir Selvam	Deputy Technical Manager (Chemical Pathology)
5.	Lee Li Wen	Document Controller / Technical Manager