Issue date: 14 July 2025
Valid Until: -

NO: SAMM 953
(Issue 1, 14 July 2025 replacement
of SAMM 953 dated 14 July 2025)

LABORATORY LOCATION: (PERMANENT LABORATORY)	Premier Integrated Labs Sdn. Bhd. (Sg. Petani Branch) Pantai Hospital Sungai Petani(PHSP), Ground Floor, No. 1, Persiaran Cempaka, Bandar Amanjaya, , 08000, KEDAH MALAYSIA
ACCREDITED SINCE :	14 JULY 2025
FIELD(S) OF MEDICAL TESTING :	CHEMICAL PATHOLOGY HAEMATOLOGY
BRANCH:	
1 . BRANCH LABORATORY :	Premier Integrated Labs Sdn. Bhd. (Laguna Merbok Branch), 2nd Floor, Pantai Hospital Laguna Merbok C/O Amanjaya Specialist Centre Sdn. Bhd. No.1, Lorong BLM 1/10, Bandar Laguna Merbok, , MALAYSIA
FIELD(S) OF MEDICAL TESTING :	HAEMATOLOGY

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	Premier Integrated Labs Sdn. Bhd. (Sg. Petani Branch) Pantai Hospital Sungai Petani(PHSP), Ground Floor, No. 1, Persiaran Cempaka, Bandar Amanjaya, , 08000, Kedah
FIELD(S) OF MEDICAL TESTING :	CHEMICAL PATHOLOGY, HAEMATOLOGY

SCOPE OF MEDICAL TESTING : CHEMICAL PATHOLOGY

Specimen Tested	**Type of Test/ Properties Measured/**	**Test Methods,Specifications/ Equipment/Techniques Used**
Serum / Plasma	Alanine Transaminase (ALT)	Modified Wroblewski and LaDue modified IFCC, with P5P method using Dimension Xpand Clinical Chemistry System as documented in Biochemistry Procedure Manual chapter CP010
	Albumin	Bromocresol Purple (BCP) dye binding method using Dimension Xpand Clinical Chemistry System as documented in Biochemistry Procedure Manual chapter CP015
	Alkaline Phosphatase (ALP)	Bowers and McComb, IFCC standardization method using Dimension Xpand Clinical Chemistry System as documented in Biochemistry Procedure Manual chapter CP020
	Amylase	Hydrolysis of CNPG3 method using Dimension Xpand Clinical Chemistry System as documented in Biochemistry Procedure Manual chapter CP025
	Aspartate Aminotransferase (AST)	Modified IFCC, with P5P method using Dimension Xpand Clinical Chemistry System as documented in Biochemistry Procedure Manual chapter CP035

Bilirubin (Total)	Modified Diazo method using Dimension Xpand Clinical Chemistry System as documented in Biochemistry Procedure Manual chapter CP135
Chloride	Indirect Integrated Multisensor Technology (IMT) method using Dimension Xpand Clinical Chemistry System as documented in Biochemistry Procedure Manual chapter CP075
Cholesterol (Total)	Enzymatic cholesterol oxidase, esterase, peroxidase method using Dimension Xpand Clinical Chemistry System as documented in Biochemistry Procedure Manual chapter CP050
Creatine Kinase MB Isoenzyme	(CKMB) Modified IFCC CK Primary Reference method using Dimension Xpand Clinical Chemistry System as documented in Biochemistry Procedure Manual chapter CP060
Creatinine Kinase (CK)	IFCC Primary Reference method using Dimension Xpand Clinical Chemistry System as documented in Biochemistry Procedure Manual chapter CP055
Creatinine	Kinetic Alkaline Picrate (modified Jaffe) method using Dimension Xpand Clinical Chemistry System as documented in Biochemistry Procedure Manual chapter CP065
Gamma-Glutamyltranspeptidase (GGT)	L-?-glutamyl-3-carboxy-4-nitroanilide substrate reaction/IFCC method using Dimension Xpand Clinical Chemistry System as documented in Biochemistry Procedure Manual chapter CP085

Glucose	Hexokinase method using Dimension Xpand Clinical Chemistry System as documented in Biochemistry Procedure Manual chapter CP090
HDL Cholesterol	PEG- modified Cholesterol esterase, oxidase, peroxidase, end point method using Dimension Xpand Clinical Chemistry System as documented in Biochemistry Procedure Manual chapter CP037
Lactate Dehydrogenase (LDH)	Lactate to pyruvate, nicotinamide adenine dinucleotide (NAD) method using Dimension Xpand Clinical Chemistry System as documented in Biochemistry Procedure Manual chapter CP100
Phosphate (Inorganic)	Phosphomolybdate method using Dimension Xpand Clinical Chemistry System as documented in Biochemistry Procedure Manual chapter CP125
Potassium	Indirect Integrated Multisensor Technology (IMT) method using Dimension Xpand Clinical Chemistry System as documented in Biochemistry Procedure Manual chapter CP075
Sodium	Indirect Integrated Multisensor Technology (IMT) method using Dimension Xpand Clinical Chemistry System as documented in Biochemistry Procedure Manual chapter CP075
Total Protein	Biuret Reaction method using Dimension Xpand Clinical Chemistry System as documented in Biochemistry Procedure Manual chapter CP140

	Triglyceride	Glycerol Phosphate Oxidase Reaction method using Dimension Xpand Clinical Chemistry System as documented in Biochemistry Procedure Manual chapter CP145
	Urea Nitrogen (BUN)	Urease/glutamate dehydrogenase method using Dimension Xpand Clinical Chemistry System as documented in Biochemistry Procedure Manual chapter CP150
	Uric Acid	Uricase method using Dimension Xpand Clinical Chemistry System as documented in Biochemistry Procedure Manual chapter CP155

SCOPE OF MEDICAL TESTING : HAEMATOLOGY

Specimen Tested	**Type of Test/ Properties Measured/**	**Test Methods,Specifications/ Equipment/Techniques Used**
Whole Blood	ABO and Rh(D) Blood Grouping	Manual tube method for ABO & Rh D blood grouping as documented in Blood Bank Procedure Chapter BP020, with crosschecking of Rh D blood grouping using gel card method (BP024)
	Cross-matching	Column Agglutination (gel card) method as documented in Blood Bank Procedure Manual Chapter BP026
Serum/ Plasma	Antibody screening/ Indirect Antiglobulin Test	Column Agglutination (gel card) method as documented in Blood Bank Procedure Manual Chapter BP005

NOTE :

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FIELD(S) OF MEDICAL TESTING :	HAEMATOLOGY

SCOPE OF MEDICAL TESTING: HAEMATOLOGY

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