Issue date: 11 December 2025
Valid until: 17 December 2030

NO: SAMM 953

LABORATORY LOCATION (PERMANENT LOCATION)	**PREMIER INTEGRATED LABS SDN BHD (LAGUNA MERBOK)** **2nd FLOOR, PANTAI HOSPITAL LAGUNA MERBOK** **C/O AMANJAYA SPECIALIST CENTRE SDN BHD** **NO. 1, LORONG BLM1/10** **BANDAR LAGUNA MERBOK** **08000 SUNGAI PETANI** **KEDAH** **MALAYSIA**
FIELDS OF MEDICAL TESTING:	**HAEMATOLOGY**
BRANCH LOCATION:	
1. PREMIER INTEGRATED LABS SDN BHD (SUNGAI PETANI BRANCH) PANTAI HOSPITAL SUNGAI PETANI BRANCH) **NO. 43, LENGKOK CEMPAKA 2, BANDAR AMANJAYA** **08000 SUNGAI PETANI** **KEDAH** **MALAYSIA**	**FIELDS OF MEDICAL TESTING:** **CHEMICAL PATHOLOGY & 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 dated November 2021).

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CENTRAL LABORATORY:	**PREMIER INTEGRATED LABS SDN BHD (LAGUNA MERBOK)** **2nd FLOOR, PANTAI HOSPITAL LAGUNA MERBOK** **C/O AMANJAYA SPECIALIST CENTRE SDN BHD** **NO. 1, LORONG BLM1/10** **BANDAR LAGUNA MERBOK** **08000 SUNGAI PETANI** **KEDAH** **MALAYSIA**
FIELDS OF MEDICAL TESTING:	**HAEMATOLOGY**

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SCOPE OF MEDICAL TESTING: CHEMICAL PATHOLOGY

Specimen Tested	Type of Test / Properties Measured	Test Methods, Specification/ Equipment/Technique Used
Whole Blood	Full Blood Count (FBC)	Fluorescence Flow Cytometry hydrodynamic focusing and Cyanide-free SLS method using Sysmex XN350 analyzer as documented in Haematology Procedure Manual Chapter YP036
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

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BRANCH LOCATION:	**PREMIER INTEGRATED LABS SDN BHD (SUNGAI PETANI BRANCH)** **PANTAI HOSPITAL SUNGAI PETANI BRANCH)** **NO. 43, LENGKOK CEMPAKA 2, BANDAR AMANJAYA** **08000 SUNGAI PETANI** **KEDAH** **MALAYSIA**
FIELDS OF MEDICAL TESTING:	**CHEMICAL PATHOLOGY & HAEMATOLOGY**

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SCOPE OF MEDICAL TESTING: CHEMICAL PATHOLOGY

Specimen Tested	Type of Test / Properties Measured	Test Methods, Specification/ Equipment/Technique Used
Serum / Plasma	Alanine Transaminase (ALT)	Modified Wroblewski and LaDue, modified IFCC, without P5P method using Atellica CI Chemistry as documented in Biochemistry Procedure Manual chapter CP365
	Albumin	Bromocresol Purple (BCP) dye binding method using Atellica CI Chemistry as documented in Biochemistry Procedure Manual chapter CP359
	Alkaline Phosphatase (ALP)	Bowers and McComb, IFCC standardization method using Atellica CI Chemistry as documented in Biochemistry Procedure Manual chapter CP360
	Amylase	Ethylidene Blocked -pNPG7 method using Atellica CI Chemistry as documented in Biochemistry Procedure Manual chapter CP361
	Aspartate Aminotransferase (AST)	Modified IFCC, without P5P method using Atellica CI Chemistry as documented in Biochemistry Procedure Manual chapter CP362
	Bilirubin (Total)	Vanadate Oxidation method using Atellica CI Chemistry as documented in Biochemistry Procedure Manual chapter CP375

SCOPE OF MEDICAL TESTING: CHEMICAL PATHOLOGY

Specimen Tested	Type of Test / Properties Measured	Test Methods, Specification/ Equipment/Technique Used
Serum / Plasma	Chloride	Indirect Integrated Multisensor Technology (IMT) method using Atellica CI Chemistry as documented in Biochemistry Procedure Manual chapter CP374
	Cholesterol (Total)	Enzymatic cholesterol oxidase, esterase, peroxidase method using Atellica CI Chemistry as documented in Biochemistry Procedure Manual chapter CP364
	Creatine Kinase MB Isoenzyme (CKMB)	Chemiluminescence method using Atellica CI Immunology as documented in Immunology Procedure Manual chapter UP810
	Creatinine Kinase (CK)	Modified IFCC method usingAtellica CI Chemistry as documented in Biochemistry Procedure Manual chapter CP366
	Creatinine	Enzymatic method using Atellica CI Chemistry as documented in Biochemistry Procedure Manual chapter CP367
	Gamma-Glutamyltranspeptidase (GGT)	Kinetic photometric method using Atellica CI Chemistry as documented in Biochemistry Procedure Manual chapter CP369
	Glucose	Hexokinase method using Atellica CI Chemistry as documented in Biochemistry Procedure Manual chapter CP370
	HDL Cholesterol	Elimination/ catalase method using Atellica CI Chemistry as documented in Biochemistry Procedure Manual chapter CP371
	Lactate Dehydrogenase (LDH)	Lactate to pyruvate, nicotinamide adenine dinucleotide (NAD) method using Atellica CI Chemistry as documented in Biochemistry Procedure Manual chapter CP372
	Phosphate (Inorganic)	Phosphomolybdate method using Atellica CI Chemistry as documented in Biochemistry Procedure Manual chapter CP373

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SCOPE OF MEDICAL TESTING: CHEMICAL PATHOLOGY

Specimen Tested	Type of Test / Properties Measured	Test Methods, Specification/ Equipment/Technique Used
Serum / Plasma	Potassium	Indirect Integrated Multisensor Technology (IMT) method using Atellica CI Chemistry as documented in Biochemistry Procedure Manual chapter CP374
	Sodium	Indirect Integrated Multisensor Technology (IMT) method using Atellica CI Chemistry as documented in Biochemistry Procedure Manual chapter CP374
	Total Protein	Biuret Reaction method using Atellica CI Chemistry as documented in Biochemistry Procedure Manual chapter CP376
	Triglyceride	Glycerol Phosphate Oxidase Reaction method using Atellica CI Chemistry as documented in Biochemistry Procedure Manual chapter CP377
	Urea Nitrogen (BUN)	Urease/glutamate dehydrogenase method using CI Chemistry as documented in Biochemistry Procedure Manual chapter CP378
	Uric Acid	Uricase method using Atellica CI Chemistry as documented in Biochemistry Procedure Manual chapter CP379

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SCOPE OF MEDICAL TESTING: HAEMATOLOGY

Specimen Tested	Type of Test / Properties Measured	Test Methods, Specification/ Equipment/Technique 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

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