

Schedule

Issue date: 28 September 2024
Valid Until: 28 September 2029



NO: SAMM 1152

Page: 1 of 18

LABORATORY LOCATION: (PERMANENT LABORATORY) 	MAKMAL PATOLOGI KESIHATAN PRIMER KLINIK KESIHATAN KUALA LUMPUR BAHAGIAN KESIHATAN AWAM Jalan Cenderasari 50590 WP Kuala Lumpur , 50590, WILAYAH PERSEKUTUAN KUALA LUMPUR MALAYSIA
ACCREDITED SINCE :	28 SEPTEMBER 2024
FIELD(S) OF MEDICAL TESTING :	CHEMICAL PATHOLOGY HAEMATOLOGY
BRANCH:	
1 . BRANCH LABORATORY :	Makmal Patologi Primer Klinik Kesihatan Putrajaya Presint 18 Jabatan Kesihatan Wilayah Persekutuan Kuala Lumpur & Putrajaya (Cawangan Presint 18), Jalan P18C1, Presint 18, 62602 WP Putrajaya., MALAYSIA
FIELD(S) OF MEDICAL TESTING :	CHEMICAL PATHOLOGY,HAEMATOLOGY
2 . BRANCH LABORATORY :	Makmal Patologi Primer Klinik Kesihatan Cheras Jabatan Kesihatan Wilayah Persekutuan Kuala Lumpur & Putrajaya (Cawangan Cheras), Jalan Yaacob Latif Cheras 56000 WP Kuala Lumpur, MALAYSIA
FIELD(S) OF MEDICAL TESTING :	CHEMICAL PATHOLOGY,HAEMATOLOGY
3 . BRANCH LABORATORY :	Makmal Patologi Primer Klinik Kesihatan Tanglin Jabatan Kesihatan Wilayah Persekutuan Kuala Lumpur & Putrajaya (Cawangan Tanglin), Jalan Cenderasari, Tasik Perdana, 50480 WP Kuala Lumpur., MALAYSIA
FIELD(S) 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 Communiqué, November 2021)

Scan this QR Code or visit <https://accreditation.jsm.gov.my/public/listing/cab/samm-m/200201> for the current scope of accreditation

Schedule

Issue date: 28 September 2024
Valid Until: 28 September 2029



NO: SAMM 1152

Page: 2 of 18

CENTRAL LOCATION	MAKMAL PATOLOGI KESIHATAN PRIMER KLINIK KESIHATAN KUALA LUMPUR BAHAGIAN KESIHATAN AWAM Jalan Cenderasari 50590 WP Kuala Lumpur , 50590, Wilayah Persekutuan Kuala Lumpur
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
1. Whole Blood	1. HbA1c 2. Total Serum Bilirubin (Capillary)	High-Performance Liquid Chromatography (HPLC). Method as documented in WPKL/AK/CP-06 Pengendalian ujian HbA1c di analyzer Biorad Variant II Turbo Direct Spectrophotometric Method as documented in WPKL/AK/CP-04 Pengendalian ujian Total Serum Bilirubin di analyzer Bilirubinometer.

Scan this QR Code or visit <https://accreditation.jsm.gov.my/public/listing/cab/samm-m/200201> for the current scope of accreditation

NO: SAMM 1152

Page: 3 of 18

2. Serum / Plasma	<p>Routine Clinical Chemistry</p> <p>1. Albumin (ALB)</p> <hr/> <p>2. Alanine transaminase (ALT)</p> <hr/> <p>3. Total Cholesterol (Chol)</p> <hr/> <p>4. Chloride (Cl)</p> <hr/> <p>5. Creatinine (Cr)</p> <hr/> <p>6. Glucose (Glu)</p> <hr/> <p>7. Cholesterol- High Density Lipid (HDL)</p> <hr/> <p>8. Potassium (K)</p> <hr/> <p>9. Sodium (Na)</p> <hr/> <p>10. Total Bilirubin (Tbil)</p> <hr/> <p>11. Total Protein (TP)</p> <hr/> <p>12. Triglycerides (TG)</p> <hr/> <p>13. Urea (Ur)</p> <hr/> <p>14. Uric Acid (UA)</p> <hr/> <p>15. Alkaline Phosphatase (ALP)</p>	<p>Bromocresol Green (BCG). Automated Chemistry Analyzer Roche Cobas C501</p> <hr/> <p>UV without P5P. Automated Chemistry analyzer Roche Cobas C501</p> <hr/> <p>Cholesterol oxidase, esterase, peroxidase. Automated Chemistry Analyzer Roche Cobas C501</p> <hr/> <p>ISE Indirect. Automated Chemistry analyzer Roche Cobas C501</p> <hr/> <p>Alkaline picrate-kinetic, IFCC-IDMS Standardized. Automated Chemistry analyzer Roche Cobas C501</p> <hr/> <p>Hexokinase. Automated Chemistry analyzer Roche Cobas C501</p> <hr/> <p>Direct measure, polymer-polyanion Automated Chemistry Analyser Roche Cobas C501</p> <hr/> <p>ISE indirect. Automated Chemistry analyzer Roche Cobas C501</p> <hr/> <p>ISE indirect. Automated Chemistry Analyser Roche Cobas C501</p> <hr/> <p>DPD. Automated Chemistry Analyser Roche Cobas C501</p> <hr/> <p>Biuret-, reagent blank, end point. Automated Chemistry Analyser Roche Cobas C501</p> <hr/> <p>Enzymatic, end point. Automated Chemistry Analyser Roche Cobas C501</p> <hr/> <p>Urease, UV. Automated Chemistry Analyser Roche Cobas C501</p> <hr/> <p>Uricase, colorimetric. Automated Chemistry Analyser Roche Cobas C501</p> <hr/> <p>PNPP, AMP buffer. Automated Chemistry Analyser Roche Cobas C501</p> <hr/> <p>All method as documented in WPKL/AK/CP-12 Pengendalian ujian di analyzer Cobas C501.</p>
-------------------	---	---

NO: SAMM 1152

Page: 4 of 18

3. Urine	<p>1. Urine Biochemistry</p> <p>1. Specific Gravity (SG)</p> <hr/> <p>2. pH</p> <hr/> <p>3. Leukocytes (LEU)</p> <hr/> <p>4. Nitrite (NIT)</p> <hr/> <p>5. Protein (PRO)</p> <hr/> <p>6. Glucose (GLU)</p> <hr/> <p>7. Ketone bodies (KET)</p> <hr/> <p>8. Urobilinogen (URO)</p> <hr/> <p>Bilirubin(BIL)</p> <hr/> <p>Blood(ERY, Hb)</p> <hr/> <p>2. Urine Pregnancy Test</p>	<p>Bromothymol blue indicator; buffer and non-reactive ingredients. Mission Expert U500.</p> <hr/> <p>methyl red sodium salt, bromothymol blue and non-reactive ingredients. Mission Expert U500.</p> <hr/> <p>Derivated pyrole amino acid ester, diazonium salt buffer and non-reactive ingredients. Mission Expert U500.</p> <hr/> <p>P-arsanilic acid; N-(1-naphthyl) ethylenediamine and non-reactive ingredients. Mission Expert U500.</p> <hr/> <p>Tetrabromophenol blue, buffer and nonreactive ingredients. Mission Expert U500</p> <hr/> <p>Glucose oxidase; peroxidase; buffer;</p> <p>3,3',5,5'-tetramethylbenzidine (TMB) and non-reactive ingredients. Mission Expert U500.</p> <hr/> <p>Sodium nitroprusside, buffer and nonreactive ingredients. Mission Expert U500.</p> <hr/> <p>4-methoxybenzene diazonium tetrafluoroborate, buffer and nonreactive ingredients. Mission Expert U500</p> <hr/> <p>2,6-dicloroaniline: buffer and non-reactive ingredients. Mission Expert U500</p> <hr/> <p>3,3',5,5'-tetramethylbenzidine (TMB); diisopropylbenzene dihydroperoxide buffer and non-reactive ingredients. Mission Expert U500</p> <hr/> <p>All method as documented in WPKL/AK/CP01 Arahan kerja Pengendalian Ujian di Analyzer MissionU500 & Mission Expert U500</p> <hr/> <p>Rapid chromatographic immunoassay. As documented in WPKL/AK/CP-09 Pengendalian ujian urine pregnancy test</p>
----------	--	---

NO: SAMM 1152

Page: 5 of 18

4. Stool	Stool Occult Blood	Rapid visual Immuno-chromatographic assay / rapid test device as documented in WPKL/AK/CP-10 Arahan kerja pengendalian Stool Occult Blood.
----------	---------------------------	--

SCOPE OF MEDICAL TESTING : HAEMATOLOGY

Specimen Tested	Type of Test/ Properties Measured/	Test Methods, Specifications/ Equipment/Techniques Used
1. Whole Blood	Full Blood Count (FBC) 1. WBC - White Blood Cell 2. RBC – Red Blood Cell 3. PLT -Platelet 4. HCT - Hematocrit 5. HB - Hemoglobin 6. MCH – Mean Cell Hemoglobin 7. MCHC-Mean Cell Hemoglobin concentration 8. MCV – Mean Cell Volume 9. WBC Differential Count (Absolute & Percentage) Neutrophil Basophil Eosinophil Monocyte Lymphocyte	Flow cytometry method using semiconductor laser. Sysmex XN1000 (XN1000-A & XN1000-B & XN1000-c) Hydrodynamic Focusing DC Detection. Sysmex XN1000 Sysmex (XN1000-A & XN1000-B & XN1000-c) Cyanide free SLS method. Sysmex XN1000 Sysmex XN1000 (XN1000-A & XN1000-B & XN1000-c) Calculated Parameters. Sysmex XN1000, Sysmex XN1000 (XN1000-A & XN1000-B & XN1000-c) Flow cytometry method using semiconductor laser. Sysmex XN1000, Sysmex XN1000 (XN1000-A & XN1000-B & XN1000-c) All method as documented in Pengendalian ujian di analyzer Sysmex XN1000 (WPKL/AK/HA-01)

NOTE :

Schedule

Issue date: 28 September 2024
Valid Until: 28 September 2029



NO: SAMM 1152

Page: 6 of 18

BRANCH LOCATION	1. Makmal Patologi Primer Klinik Kesihatan Cheras Jabatan Kesihatan Wilayah Persekutuan Kuala Lumpur & Putrajaya (Cawangan Cheras) Jalan Yaacob Latif Cheras 56000 WP Kuala Lumpur, MALAYSIA
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

Scan this QR Code or visit <https://accreditation.jsm.gov.my/public/listing/cab/samm-m/200201> for the current scope of accreditation

NO: SAMM 1152

Page: 7 of 18

<p>1. Urine</p>	<p>1. Urine Biochemistry <u>Specific Gravity (SG)</u> <u>pH</u> <u>Leukocytes (LEU)</u> <u>Nitrite (NIT)</u> <u>Protein (PRO)</u> <u>Glucose (GLU)</u> <u>Ketone bodies (KET)</u> <u>Urobilinogen(URO)</u> <u>Bilirubin(BIL)</u> <u>Blood(ERY)</u></p> <p>1.2 Urine Pregnancy Test</p>	<p>Bromothymol blue indicator; buffer and non-reactive ingredients. Mission Expert U500</p> <p>Indicators methyl red sodium salt, bromothymol blue; non-reactive ingredients. Mission Expert U500</p> <p>Derivatived pyrrole amino acid ester; diazonium salt buffer. Mission Expert U500</p> <p>P-arsanilic acid; N-(1-naphthyl) ethylenediamine. Mission Expert U500</p> <p>Tetrabromophenol blue; non-reactive ingredients. Mission Expert U500</p> <p>Glucose oxidase; peroxidase; buffer; 3,3',5,5'-tetramethylbenzidine (TMB). Mission Expert U500</p> <p>Sodium nitropruside. Mission Expert U500</p> <p>4-methoxybenzene diazonium tetrafluoroborate. Mission Expert U500</p> <p>2,6-dicloroaniline. Mission Expert U500</p> <p>3,3',5,5'-tetramethylbenzidine (TMB); diisoprophylbenzene dihydroperoxide. Mission Expert U500</p> <p>All method as documented in WPKL/AK/CP-01 Arahan kerja Pengendalian Ujian di Analyzer Mission U500 & Mission Expert U500</p> <p>Rapid chromatographic immunoassay. As documented in WPKL/AK/CP-09. Pengendalian ujian urine pregnancy test.</p>
<p>2. Whole Blood</p>	<p>2.1 HbA1c</p>	<p>High-Performance Liquid Chromatography (HPLC). Method as documented in WPKL/AK/CP-05 Pengendalian ujian HbA1c di analyzer Biorad D10</p>

NO: SAMM 1152

Page: 8 of 18

3. Serum / Plasma	3.1 Routine Clinical Chemistry Albumin (ALB) Alanine transaminase (ALT) Cholesterol (Chol) Chloride (Cl) Creatinine (Cr) Glucose (Glu) Cholesterol- High Density Lipid (HDL) Potassium (K) Sodium (Na) Total Bilirubin (Tbil) Total Protein (TP) Triglycerides (TG) Urea (Ur) Uric Acid (UA) Alkaline Phosphatase (ALP) 3.2 Total Serum Bilirubin (Capillary)	Bromocresol Green (BCG) Automated Chemistry Analyzer Olympus AU480 based on WPKL/AK/CP07. Bromocresol Green (BCG) Automated Chemistry Analyzer Roche Cobas C311 based on WPKL/AK/CP-11. UV without P5P Automated Chemistry analyzer Olympus AU480 based on WPKL/AK/CP-07. Catalytic ALT Automated Chemistry Analyzer Roche Cobas C311 based on WPKL/AK/CP-11 Cholesterol oxidase, esterase, peroxidase Automated Chemistry analyzer Olympus AU480 based on WPKL/AK/CP-07. Cholesterol oxidase, esterase, peroxidase. Automated Chemistry Analyzer Roche Cobas C311 based on WPKL/AK/CP-11. ISE Indirect Automated Chemistry analyzer Olympus AU480 based on WPKL/AK/CP-07. ISE Indirect Automated Chemistry Analyzer Roche Cobas C311 based on WPKL/AK/CP-11 Alkaline picrate-kinetic, IFCC-IDMS Standardized Automated Chemistry analyzer Olympus AU480 based on WPKL/AK/CP-07. Kinetic colorimetric assay. Automated Chemistry Analyzer Roche Cobas C311 based on WPKL/AK/CP-11. Hexokinase. Automated Chemistry analyzer Olympus AU480 based on WPKL/AK/CP-07. Hexokinase. Automated Chemistry Analyzer Roche Cobas C311 based on WPKL/AK/CP-11 Direct measure, polymer-polyanion Automated Chemistry Analyser Olympus AU480 based on WPKL/AK/CP-07. Direct method. Automated Chemistry
--------------------------	---	--

NO: SAMM 1152

Page: 9 of 18

Scan this QR Code or visit <https://accreditation.jsm.gov.my/public/listing/cab/samm-m/200201> for the current scope of accreditation

Analyzer Roche Cobas C311 based on WPKL/AK/CP-11.

ISE indirect. Automated Chemistry analyzer Olympus AU480 based on WPKL/AK/CP-07. ISE Indirect Automated Chemistry Analyzer Roche Cobas C311 based on WPKL/AK/CP-11

ISE indirect. Automated Chemistry Analyser Olympus AU480 based on WPKL/AK/CP-07. ISE Indirect Automated Chemistry Analyzer Roche Cobas C311 based on WPKL/AK/CP-11

DPD. Automated Chemistry Analyser Olympus AU480 based on WPKL/AK/CP-07. DPD Automated Chemistry Analyzer Roche Cobas C311 based on WPKL/AK/CP-11.

Biuret, reagent blank, end point. Automated Chemistry Analyser Olympus AU480 based on WPKL/AK/CP-07. Colorimetric assay purple color biuret complex Automated Chemistry Analyzer Roche Cobas C311 based on WPKL/AK/CP-11.

Enzymatic, end point. Automated Chemistry Analyser Olympus AU480 based on WPKL/AK/CP-07. Enzymatic hydrolysis. Chemistry Analyzer Roche Cobas C311 based on WPKL/AK/CP-11.

Urease, UV. Automated Chemistry Analyser Olympus AU480 based on WPKL/AK/CP-07. Urease, UV Chemistry Analyzer Roche Cobas C311 based on WPKL/AK/CP-11.

Uricase, colorimetric. Automated Chemistry Analyser Olympus AU480 based on WPKL/AK/CP07. Uricase, colorimetric Chemistry Analyzer Roche Cobas C311 based on WPKL/AK/CP-11.

Schedule

Issue date: 28 September 2024
Valid Until: 28 September 2029



NO: SAMM 1152

Page: 10 of 18

		<p>PNPP, AMP buffer. Automated Chemistry Analyser Olympus AU480 based on WPKL/AK/CP-07. PNPP, Chemistry Analyzer Roche Cobas C311 based on WPKL/AK/CP-11.</p> <hr/> <p>Direct Spectrophotometric Method as documented in WPKL/AK/CP-04 Pengendalian ujian Total Serum Bilirubin di analyzer Bilirubinometer.</p>
4. Stool	4.1 Stool Occult Blood	<p>Rapid visual Immunochromatographic assay / rapid test device as documented in WPKL/AK/CP-10 Arahan kerjapengendalian Stool Occult Blood.</p>

Scan this QR Code or visit <https://accreditation.jsm.gov.my/public/listing/cab/samm-m/200201> for the current scope of accreditation

NO: SAMM 1152

Page: 11 of 18

SCOPE OF MEDICAL TESTING: HAEMATOLOGY

Specimen Tested	Type of Test/ Properties Measured/	Test Methods, Specifications/ Equipment/Techniques Used
1. Whole Blood	Full Blood Count (FBC)	Flow cytometry method using semiconductor laser. Sysmex XN1000 (XN1000-A & XN1000-B) Hydrodynamic Focusing DC Detection. Sysmex XN1000 Cyanide free SLS method. Sysmex XN1000 Calculated Parameters. Sysmex XN1000 Flow cytometry method using semiconductor laser. Sysmex XN1000 (XN1000-A & XN1000-B) All method as documented in Pengendalian ujian di analyzer Sysmex XN1000 (WPKL/AK/HA-01)
	WBC - White Blood Cell	
	RBC – Red Blood Cell	
	PLT -Platelet	
	HCT -Hematocrit	
	HB - Hemoglobin	
	MCH – Mean Cell Hemoglobin	
	MCHC-Mean Cell Hemoglobin concentration	
	MCV – Mean Cell Volume	
	WBC Differential Count (Absolute & Percentage)	
	Neutrophil	
	Basophil	
	Eosinophil	
	Monocyte	
Lymphocyte		

Schedule

Issue date: 28 September 2024
Valid Until: 28 September 2029



NO: SAMM 1152

Page: 12 of 18

BRANCH LOCATION	2. Makmal Patologi Primer Klinik Kesihatan Putrajaya Presint 18 Jabatan Kesihatan Wilayah Persekutuan Kuala Lumpur & Putrajaya (Cawangan Presint 18) Jalan P18C1, Presint 18, 62602 WP Putrajaya.,MALAYSIA
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
1. Urine	1.1 Urine Biochemistry 1.2 Urine Pregnancy Test	Strip Test / Semi Automated Urine Analyser/ Mission U500 Rapid chromatographic immunoassay for the qualitative detection of human chorionic gonadotropin (hCG) in urine / Strip Test
2. Whole Blood	a. HbA1c	High-performance liquid chromatography (HPLC) / Biorad D10
3. Serum/plasma	b. Routine Chemistry	Beckman Coulter AU680 Albumin Bromocresol Green (BCG) Alkaline Phosphatase PNPP, AMP Buffer Alanine Aminotransferase UV without P5P Cholesterol Cholesterol Oxidase, esterase, peroxidase Chloride ISE indirect Creatinine Alkaline picrtae-kinetik Glucose Hexokinase HDL Direct measure, polymer-polyanion Potassium ISE indirect Sodium ISE indirect Total Bilirubin DPD
	c. Stool Occult Blood	Total Protein Biuret, reagent blank, end point Triglyceride Enzymatic Urea Urease, UV Uric acid Uricase, colorometric Rapid Immunochromatography Method Photometry / APEL BR-5200P
	d. Total Serum Bilirubin (Capillary)	

Scan this QR Code or visit <https://accreditation.jsm.gov.my/public/listing/cab/samm-m/200201> for the current scope of accreditation

NO: SAMM 1152

Page: 13 of 18

SCOPE OF MEDICAL TESTING: HAEMATOLOGY

Specimen Tested	Type of Test/ Properties Measured/	Test Methods, Specifications/ Equipment/Techniques Used
1. Blood	a. Full Blood Count	i) Automated Hematology Analyser / Sysmex XN1000 WBC Light Scattering RBC PLT HCT MPV Hydrodynamic Focussing DC Detection HB Cyanide free SLS method MCH MCV MCHC RDW RDW-SD Calculated Parameters
		ii) Mindray BC-30s WBC RBC PLT HCT MCV Electronic Impedence HB Cyanide Free Haemoglobin MCH MCHC Calculated Impedence MPV RDW Calculated Value

Scan this QR Code or visit <https://accreditation.jsm.gov.my/public/listing/cab/samm-m/200201> for the current scope of accreditation

NO: SAMM 1152

Page: 14 of 18

BRANCH LOCATION	3. Makmal Patologi Primer Klinik Kesihatan Tanglin Jabatan Kesihatan Wilayah Persekutuan Kuala Lumpur & Putrajaya (Cawangan Tanglin) Jalan Cenderasari, Tasik Perdana, 50480 WP Kuala Lumpur.,MALAYSIA
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
1. Urine	1.1 Urine Biochemistry	
	Specific Gravity (SG)	Bromothymol blue indicator. Cobas U411.
	pH	Indicators methyl red, phenolphthalein and bromothymol blue. Cobas U411.
	Leukocytes (LEU)	Reaction of indoxyl formed with a diazonium salt to produce a purple color. Cobas U411.
	Nitrite (NIT)	Principle of the Griess test specific for nitrite. Cobas U411.
	Protein (PRO)	Principle of the protein error of a pH indicator. Cobas U411.
	Glucose (GLU)	The specific glucose- oxidase/peroxidase reaction (GOD/POD method). Cobas U411.
	Ketone bodies (KET)	Principle of Legal's test. Cobas U411
	Urobilinogen (URO)	Reaction of diazonium salt with urobilinogen to give a red azo dye. Cobas U411.
	Bilirubin (BIL)	The coupling of bilirubin with a diazonium salt. Cobas U411.
	Blood (ERY)	The peroxidase-like action of hemoglobin and myoglobin. Cobas U411.
	1.2. Urine Pregnancy Test	All method as documented in WPKL/AK/CP-02 Arahan Kerja Pengendalian Ujian di Analyzer Cobas U411.
		Rapid chromatographic immunoassay as documented in WPKL/AK/CP-09 Pengendalian ujian urine pregnancy test.

NO: SAMM 1152

Page: 15 of 18

2. Whole Blood	2.1 HbA1c	HbA1c Analyzer Biorad D10 High-Performance Liquid Chromatography (HPLC) Method as documented in WPKL/AK/CP-05 Pengendalian ujian HbA1c di analyzer Biorad D10.
3. Serum/plasma	3.1 Routine Clinical Chemistry Albumin (ALB) Alanine transaminase (ALT) Cholesterol (Chol) Chloride (Cl) Creatinine (Cr) Glucose (Glu) Cholesterol- High Density Lipid (HDL) Potassium (K) Sodium (Na) Total Bilirubin (Tbil) Total Protein (TP) Triglycerides (TG) Urea (Ur) Uric Acid (UA) Alkaline Phosphatase (ALP) 3.2 Total Serum Bilirubin (Capillary)	Bromocresol Green (BCG). Automated Chemistry Analyzer Olympus AU480 and Bromocresol Green (BCG). Automated Chemistry Analyzer Roche Cobas C311 UV without P5P. Automated Chemistry Analyzer Olympus AU480 and Catalytic ALT. Automated Chemistry Analyzer Roche Cobas C311. Cholesterol oxidase, esterase, peroxidase. Automated Chemistry Analyzer Olympus AU480 and Cholesterol oxidase, esterase, peroxidase. Automated Chemistry Analyzer Roche Cobas C311. ISE Indirect. Automated Chemistry Analyzer Olympus AU480 and ISE Indirect Automated Chemistry analyzer Roche Cobas C311 Alkaline picrate-kinetic, IFCC-IDMS Standardized. Automated Chemistry analyzer Olympus AU480 and Kinetic colorimetric assay. Automated Chemistry Analyzer Roche Cobas C311. Hexokinase. Automated Chemistry analyzer Olympus AU480 and Hexokinase. Automated Chemistry analyzer Roche Cobas C311. Direct measure, polymer-polyanion Automated Chemistry Analyzer Olympus AU480 and Direct method. Automated Chemistry Analyser Roche Cobas C311. ISE indirect. Automated Chemistry Analyzer Olympus AU480 and ISE Indirect Automated Chemistry analyzer

NO: SAMM 1152

Page: 16 of 18

Scan this QR Code or visit <https://accreditation.jsm.gov.my/public/listing/cab/samm-m/200201> for the current scope of accreditation

Roche Cobas C311. ISE indirect. Automated Chemistry Analyzer Olympus AU480 and ISE Indirect Automated Chemistry analyzer Roche Cobas C311.
DPD. Automated Chemistry Analyzer Olympus AU480 and DPD Automated Chemistry Analyser Roche Cobas C311.
Biuret-, reagent blank, end point. Automated Chemistry Analyzer Olympus AU480 and Colorimetric assay purple color biuret complex. Automated Chemistry Analyser Roche Cobas C311.
Enzymatic, end point. Automated Chemistry Analyzer Olympus AU480 and Enzymatic hydrolysis. Chemistry Analyzer Roche Cobas C311.
Urease, UV. Automated Chemistry Analyzer Olympus AU480 and Uricase, colorimetric Chemistry Analyzer Roche Cobas C311
Uricase, colorimetric. Automated Chemistry Analyser Olympus AU480 and Uricase, colorimetric Chemistry Analyzer Roche Cobas C311
PNPP, AMP buffer. Automated Chemistry Analyser Olympus AU480 and PNPP. Chemistry Analyzer Roche Cobas C311.
All method as documented in WPKL/AK/CP05 Pengendalian ujian di Analyzer Beckman Coulter AU480 and WPKL/AK/CP-11. Pengendalian ujian di analyzer Cobas C311.
Direct Spectrophotometric Method as documented in WPKL/AK/CP-04 Pengendalian Ujian Total Serum Bilirubin di analyzer Bilirubinometer

Schedule

Issue date: 28 September 2024
Valid Until: 28 September 2029



NO: SAMM 1152

Page: 17 of 18

4. Stool	4.1 Stool Occult Blood	Rapid visual Immunochemical assay / rapid test device as documented in WPKL/AK/CP-10 Arahan Kerja Pengendalian Ujian Stool Occult Blood.
-----------------	-------------------------------	---

Scan this QR Code or visit <https://accreditation.jsm.gov.my/public/listing/cab/samm-m/200201> for the current scope of accreditation

NO: SAMM 1152

Page: 18 of 18

SCOPE OF MEDICAL TESTING: HAEMATOLOGY

Specimen Tested	Type of Test/ Properties Measured/	Test Methods, Specifications/ Equipment/Techniques Used
1. Whole Blood	Full Blood Count (FBC)	Hematology Analyser Sysmex XN1000
	WBC - White Blood Cell	
	RBC – Red Blood Cell	
	PLT -Platelet	
	HCT -Hematocrit	
	HB - Hemoglobin	
	MCH – Mean Cell Hemoglobin	
	MCHC-Mean Cell Hemoglobin concentration	
	MCV – Mean Cell Volume	
	WBC Differential Count (Absolute & Percentage)	
	Neutrophil	
	Basophil	
	Eosinophil	
Monocyte Lymphocyte		
	Flow cytometry method using semiconductor laser. Sysmex XN1000 (XN1000-A & XN1000-B)	
	Hydrodynamic Focusing DC Detection. Sysmex XN1000	
	Cyanide free SLS method. Sysmex XN1000	
	Calculated Parameters. Sysmex XN1000	
	Flow cytometry method using semiconductor laser. Sysmex XN1000 (XN1000-A & XN1000-B)	
	All method as documented in Pengendalian ujian di analyzer Sysmex XN1000 (WPKL/AK/HA-01)	

Scan this QR Code or visit <https://accreditation.jsm.gov.my/public/listing/cab/samm-m/200201> for the current scope of accreditation