

 Pakistan National Accreditation Council	ACCREDITATION DOCUMENT	F-06/06 Issue Date: 30-03-2017 Rev. No: 01 ML 028
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Accreditation No: ML 028

Awarded to

Metropole Laboratories (Pvt.), Limited (MPL)
20-C, Crescent Arcade, G-8 Markaz,
Islamabad, Pakistan.

The scope of accreditation is in accordance with the standard specifications outlined in the following page(s) of this document. The accredited scope shall be visible and legible in areas such as customer service, sample-receiving section etc. and shall not mislead its users.

The accreditation was first time granted on **25-04-2022** by Pakistan National Accreditation Council.

The laboratory complies with the requirements of **ISO 15189:2012**.

The accreditation requires regular surveillance, and is valid until **24-04-2025**.

The decision of accreditation made by Pakistan National Accreditation Council implies that the organization has been found to fulfill the requirements for accreditation within the scope.

The organization however, itself is responsible for the results of performed tests.

PAKISTAN NATIONAL ACCREDITATION COUNCIL

25-04-2022

Date

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Director General

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Medical Laboratory.

**Accreditation Scope of Metropole Laboratories (Pvt.) Limited (MPL),
 20-C, Crescent Arcade, G8 Markaz,
 Islamabad, Pakistan.**

Permanent laboratory premises

Field of Medical Testing Laboratory:-

Materials tested	Testing field (e.g. Chemical, Micro etc.)	Types of test/Properties measured	Reference to standardized method/ Internal method reference
Serum	Clinical Chemistry	Albumin	Enzymatic Colorimetric, Cobas C311, MPL-CHEM-SOP-019
Serum		ALP	Enzymatic Colorimetric, Cobas C311, MPL-CHEM-SOP-020
Serum		ALT	Enzymatic Colorimetric, Cobas C311, MPL-CHEM-SOP-021
Serum		AST	Enzymatic Colorimetric, Cobas C311, MPL-CHEM-SOP-022
Serum		Bilirubin-Total	Enzymatic Colorimetric, Cobas C311, MPL-CHEM-SOP-024
Serum		Calcium-Total	Enzymatic Colorimetric, Cobas C311, MPL-CHEM-SOP-025
Serum		Cholesterol-T	Enzymatic Colorimetric, Cobas C311, MPL-CHEM-SOP-027
Serum		CK-Total	Enzymatic Colorimetric, Cobas C311, MPL-CHEM-SOP-028
Serum		Chloride (Cl)	ISE, Cobas C311, MPL-CHEM-SOP-031
Serum		Potassium (K)	
Serum		Sodium (Na)	
Serum		Creatinine	Enzymatic Colorimetric, Cobas C311, MPL-CHEM-SOP-030
Plasma and Serum		Glucose	Enzymatic Colorimetric, Cobas C311, MPL-CHEM-SOP-002
Serum		HDL- Cholesterol	Enzymatic Colorimetric, Cobas C311, MPL-CHEM-SOP-003

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Serum		Iron	Enzymatic Colorimetric, Cobas C311, MPL-CHEM-SOP-005
Serum		LDH	Enzymatic Colorimetric, Cobas C311, MPL-CHEM-SOP-006
Serum		LDL-Cholesterol	Enzymatic Colorimetric, Cobas C311, MPL-CHEM-SOP-007
Serum		Lipase	Enzymatic Colorimetric, Cobas C311, MPL-CHEM-SOP-008
Serum		Magnesium	Enzymatic Colorimetric, Cobas C311, MPL-CHEM-SOP-009
Serum		Total Protein	Enzymatic Colorimetric, Cobas C311, MPL-CHEM-SOP-010
Serum		Triglycerides	Enzymatic Colorimetric, Cobas C311, MPL-CHEM-SOP-014
Serum		UIBC	Enzymatic Colorimetric, Cobas C311, MPL-CHEM-SOP-015
Serum		Urea	Enzymatic Colorimetric, Cobas C311, MPL-CHEM-SOP-016
Serum		Uric Acid	Enzymatic Colorimetric, Cobas C311, MPL-CHEM-SOP-017
Serum		Immunology	Free-T3
Serum	Free-T4		Electrochemiluminescence Immunoassay, Cobas e 411, MPL-CHEM-SOP-033
Serum	TSH		Electrochemiluminescence Immunoassay, Cobas e 411, MPL-CHEM-SOP-012
Serum	AFP		Electrochemiluminescence Immunoassay, Cobas e 411, MPL-CHEM-SOP-018
Serum	B12		Electrochemiluminescence Immunoassay, Cobas e 411, MPL-CHEM-SOP-013
Serum	CEA		Electrochemiluminescence Immunoassay, Cobas e 411, MPL-CHEM-SOP-026
Serum	Cortisol		Electrochemiluminescence Immunoassay, Cobas e 411, MPL-CHEM-SOP-029
Serum	Ferritin		Electrochemiluminescence Immunoassay, Cobas e 411,

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			MPL-CHEM-SOP-035
Serum		βHCG	Electrochemiluminescence Immunoassay, Cobas e 411, MPL-CHEM-SOP-023
Serum		IgE	Electrochemiluminescence Immunoassay, Cobas e 411, MPL-CHEM-SOP-004
Serum		PSA-Total	Electrochemiluminescence Immunoassay, Cobas e 411, MPL-CHEM-SOP-011
Serum		Folate	Electrochemiluminescence Immunoassay, Cobas e 411, MPL-CHEM-SOP-032
Whole Blood	Hematology	WBC Count	Scatter-Fluorescence (SF), Cube/Mindray- BC 6200, MPL-HEM-SOP-022
Whole Blood		RBC Count	
Whole Blood		Hemoglobin	
Whole Blood		HCT	
Whole Blood		Platelets	
Whole Blood		MCH	
Whole Blood		MCHC	
Whole Blood		MCV	
Whole Blood		RDW-CV	
Tri-Sodium Citrated Plasma	Coagulation	PT	Thrombolyzer Compact X, MPL-HEM-SOP-002
Tri-Sodium Citrated Plasma		APTT	Thrombolyzer Compact X, MPL-HEM-SOP-001
Tri-Sodium Citrated Plasma		Fibrinogen	Thrombolyzer Compact X, MPL-HEM-SOP-023
Random Urine	Clinical Pathology	Specific Gravity	Reflectance Photometer, Cobas U411, MPL-HEM-SOP-021
Random Urine		pH	
Random Urine		Leucocytes	
Random Urine		Nitrite	
Random Urine		Protein	
Random Urine		Glucose	

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Random Urine		Ketone	
Random Urine		Urobilinogen	
Random Urine		Bilirubin	
Random Urine		Erythrocytes	
Random Urine in Sterile Cont.	Microbiology	Bacterial growth and Culture Sensitivity	Manual method, MPL-MIC-SOP-010
Random Urine in Sterile Cont.		Gram Stain	
NP/OP Swab in VTM	Molecular	Gene Detection (SARS Cov-2/Covid-19)	Real Time PCR, MPL-MOL-SOP-002

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Director