



ACCREDITATION DOCUMENT

F-06/06
Issue Date: 30/02/2017
Rev. No: 01
ML 035

Accreditation No: ML 035

Awarded to

**Genome Center for Molecular Based Diagnostics and Research,
Al-Sudais Plaza, CL-25 Block-B Abdalian Cooperative Housing
Society, Shaukat Khanum Road,
Lahore, 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 **17-10-2022** by Pakistan National Accreditation Council.

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

The accreditation requires regular surveillance, and is valid until **16-10-2025**.

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 measurements/tests.

PAKISTAN NATIONAL ACCREDITATION COUNCIL

17-10-2022
Date

-Sd-
Director General



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Medical Laboratory.

Accreditation Scope of **Genome Center for Molecular Based Diagnostics and Research Lahore, Pakistan**

Permanent laboratory premises

CL-25 Al-Sudais Plaza Block B Abdalian Housing Society Shaukat Khanum Road Lahore.

Field of Medical Testing Laboratory:

Materials tested	Testing field (e.g., Clinical Chemistry, Hematology & Molecular Biology)	Types of tests measured	Reference to standardized method/ Internal method reference
Nasopharyngeal Swab	MOLECULAR BIOLOGY	Qualitative Determination of COVID-19 PCR	Sacycler-96 (Sacace Biotechnologies, Italy) /GCMD-Ncov-19-PCR
EDTA Blood	HEMATOLOGY	Quantitative Determination of WBCs	ABX Horiba ES60/ SOP H01
EDTA Blood		Quantitative Determination of RBCs	ABX Horiba ES60/ SOP H01
EDTA Blood		Quantitative Determination of Hemoglobin	ABX Horiba ES60/ SOP H01
EDTA Blood		Quantitative Determination of MCV	ABX Horiba ES60/ SOP H01

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EDTA Blood		Quantitative Determination of MCH	ABX Horiba ES60/ SOP H01
EDTA Blood		Quantitative Determination of Platelets	ABX Horiba ES60/ SOP H01
Serum	CLINICAL CHEMISTRY	Quantitative Determination of TSH	ECLIA- Roche Cobas e411/SOP S01
Serum		Quantitative Determination of T₃	ECLIA- Roche Cobas e411/ SOP S02
Serum		Quantitative Determination of ALT (SGPT)	IFCC method- Roche/Hitachi Cobas c311/ SOP R01
Serum		Quantitative Determination of AST (SGOT)	IFCC method- Roche/Hitachi Cobas c311/ SOP R02
Serum		Quantitative Determination of Alkaline Phosphatase ALP	PNPP, AMP Buffer method- Roche/Hitachi Cobas c311/ SOP R03
Serum		Quantitative Determination of Total Protein	Biuret method- Roche/Hitachi Cobas c311/ SOP R04
Serum		Quantitative Determination of Albumin	BCG method- Roche/Hitachi Cobas c311/ SOP R05

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Serum		Quantitative Determination of Total Bilirubin	Diazonium ion method- Roche/Hitachi Cobas c311/ SOP R06
Serum		Quantitative Determination of Direct Bilirubin	Diazotization method- Roche/Hitachi Cobas c311/SOP R07
Serum		Quantitative Determination of Total Cholesterol (TC)	CHOD-POD method- Roche/Hitachi Cobas c311/SOP R08
Serum		Quantitative Determination of Triglycerides (TG)	Enzymatic with glycerol method- Roche/Hitachi Cobas c311/SOP R09
Serum		Quantitative Determination of HDL Cholesterol	Enzymatic colorimetric method- Roche/Hitachi Cobas c311/SOP R10
Serum		Quantitative Determination of LDL Cholesterol	LDL Direct method- Roche/Hitachi Cobas c311/SOP R11
Serum		Quantitative Determination of Creatinine	Modified Jaffé method- Roche/Hitachi Cobas c311/SOP R12
Serum		Quantitative Determination of Urea	Urease with GLDH- Roche/Hitachi Cobas c311/SOP R13
Serum		Quantitative Determination of Uric Acid	Uricase-POD method- Roche/Hitachi Cobas c311/SOP R14

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Serum		Quantitative Determination of Calcium	NM-BAPTA method- Roche/Hitachi Cobas c311/SOP R15
Serum		Quantitative Determination of Iron	Ferrozine method- Roche/Hitachi Cobas c311/SOP R17
Serum		Quantitative Determination of Creatine Kinase (CK)	UV test method- Roche/Hitachi Cobas c311/SOP R18
Serum/Plasma		Quantitative Determination of Glucose	Hexokinase UV method- Roche/Hitachi Cobas c311/SOP R16
Serum		Quantitative Determination of Lipase	Enzymatic colorimetric method- Roche/Hitachi Cobas c311/SOP R19

17-10-2022

Date

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Director