

	<b>ACCREDITATION DOCUMENT</b>	<b>F-06/06</b> <b>Issue Date: 30-03-2017</b> <b>Rev. No: 01</b> <b>ML 017</b>
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**Accreditation No: ML 017**

**Awarded to**

**Doctors Hospital & Medical Centre (DHMC) Laboratory,  
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 **30-11-2020** by Pakistan National Accreditation Council.

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

The accreditation requires regular surveillance, and is valid until **29-11-2023**.

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**

**30-11-2020**

**Date**

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**Director General**

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## Medical Laboratory

Accreditation Scope of Doctors Hospital & Medical Centre (DHMC) Laboratory,  
Lahore, Pakistan

Permanent laboratory premises 152, G-1, Canal Bank, Johar Town, Lahore, Pakistan

### 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	<b>CLINICAL CHEMISTRY</b>	Quantitative determination of <b>Bilirubin Direct</b>	Diazonium Salt-Beckman Coulter AU480/SOP 5008
Serum		Quantitative determination of <b>Bilirubin, Total</b>	Diazonium Salt-Beckman Coulter AU480/SOP 5007
Serum		Quantitative determination of <b>Calcium</b>	Arsenazo III Dye-Beckman Coulter AU480/SOP 5032
Plasma/Serum		Quantitative determination of <b>Chloride</b>	ISE Indirect-Beckman Coulter AU480/ SOP 5027
Serum		Quantitative determination of <b>Cholesterol</b>	Enzymatic-Beckman Coulter AU480/ SOP 5016
Serum		Quantitative determination of <b>Co<sub>2</sub></b>	Enzymatic-Beckman Coulter AU480/ SOP 5052
Serum/Plasma		Quantitative determination of <b>Creatinine</b>	Jaffe Kinetic-Beckman Coulter AU480/ SOP 5010
Serum/Plasma		Quantitative determination of <b>Glucose</b>	Hexokinase G6PDH UV-Beckman Coulter AU480/ SOP 5023
Serum		Quantitative determination of <b>HDL Cholesterol</b>	HDL Direct- Beckman Coulter AU480/ SOP 5014

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Serum	Quantitative determination of <b>LDL Cholesterol</b>	LDL Direct-Beckman Coulter AU480/ SOP 5015
Serum/Plasma	Quantitative determination of <b>Potassium</b>	ISE Indirect-Beckman Coulter AU480/ SOP 5026
Serum/Plasma	Quantitative determination of <b>Sodium</b>	ISE Indirect-Beckman Coulter AU480/ SOP 5025
Serum	Quantitative determination of <b>Triglycerides</b>	Lipase GPO-PAP- Beckman Coulter AU480/ SOP 5013
Serum	Quantitative determination of <b>Urea Nitrogen(BUN)</b>	Urease With GLDH- Beckman Coulter AU480/ SOP 5009
Serum	Quantitative determination of <b>Urea</b>	Urease With GLDH- Beckman Coulter AU480/ SOP 5011
Serum	Quantitative determination of <b>Uric Acid</b>	Uricase Peroxidase- Beckman Coulter AU480/ 5012
Serum	Quantitative determination of <b>ALT(SGPT)</b>	IFCC method-Beckman Coulter AU480/ SOP 5001
Serum	Quantitative determination of <b>Albumin</b>	Dye Binding BCG- Beckman Coulter AU480/ SOP 5005
Serum	Quantitative determination of <b>Alkaline Phosphatase</b>	AMP- Beckman Coulter AU480/ SOP 5003
Serum	Quantitative determination of <b>Amylase</b>	Enzymatic- Beckman Coulter AU480/ SOP 5022
Serum	Quantitative determination of <b>AST(SGOT)</b>	IFCC method-Beckman Coulter AU480/ 5002
Serum	Quantitative determination of <b>Creatinine Kinase</b>	IFCC method- Beckman Coulter AU480/ SOP 5018
Serum	Quantitative determination of <b>Gamma Glutamyl Transferase</b>	Modified Szasz- Beckman Coulter AU480/ SOP 5006
Serum	Quantitative determination of <b>Iron</b>	TPZ W/O PPR- Beckman Coulter

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			AU480/ SOP 5053
Serum		Quantitative determination of <b>Lactate Dehydrogenase</b>	Lactate NAD-Beckman Coulter AU480 / SOP 5020
Serum		Quantitative determination of <b>Magnesium</b>	Colour-Dye Xylidyl Blue- Beckman Coulter AU480/ SOP 5030
Serum		Quantitative determination of <b>Phosphorous</b>	Phosphomolybdate UV- Beckman Coulter AU480/ SOP 5031
Serum		Quantitative determination of <b>Protein Total</b>	Biuret reaction- Beckman Coulter AU480/ SOP 5004
Plasma		Quantitative determination of <b>Ammonia</b>	Glutamate Dehydrogenase- Beckman Coulter AU480/ SOP 5054
Serum		Quantitative determination of <b>Calcium Ionized</b>	ISE Gastat-G720/ SOP 5055
Plasma		Quantitative determination of <b>Lactate</b>	Oxidation of Lactate To Pyruvate- Beckman Coulter AU480/ SOP 5017
Serum		Quantitative determination of <b>Lipase</b>	Colorimetric method- Beckman Coulter AU480/ SOP 5021
Serum		Quantitative determination of <b>UIBC</b>	Nitroso PSAP- Beckman Coulter AU480/ SOP 5056
Serum		Quantitative determination of <b>B-HCG</b>	CLIA-Beckman Coulter Access II/ SOP 5048
Serum		Quantitative determination of <b>Cortisol</b>	CLIA-Beckman Coulter Access II/ SOP 5043
Serum		Quantitative determination of <b>Total T3</b>	CLIA-Beckman Coulter Access II/ SOP 5038
Serum		Quantitative determination of <b>Total T4</b>	CLIA-Beckman Coulter Access II/ SOP 5039
Serum		Quantitative determination of	CLIA-Beckman

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		<b>Free T3</b>	Coulter Access II/ SOP 5040
Serum		Quantitative determination of <b>Free T4</b>	CLIA-Beckman Coulter Access II/ SOP 5041
Serum		Quantitative determination of <b>TSH</b>	CLIA-Beckman Coulter Access II/ SOP 5042
Serum		Quantitative determination of <b>Ferritin</b>	CLIA-Beckman Coulter Access II/ SOP 5046
Tri sodium citrate blood	HEAMTOLOGY	Quantitative determination of <b>Prothrombin Time</b>	Siemens Innovin-Sysmex CA-550/ SOP 6005
Tri sodium citrate blood		Quantitative determination of <b>INR direct</b>	Calculated from ISE value/ SOP 6005
Tri sodium citrate blood		Quantitative determination of <b>Activated PTT</b>	Siemens actin FS-Sysmex CA-550/ SOP 6006
Tri sodium citrate blood		Quantitative determination of <b>Fibrinogen</b>	Thermo/Pacific Hemostasis Fibrinogen Assay- Sysmex CA-550/ SOP 6014
Tri sodium citrate blood		Quantitative determination of <b>d-Dimer</b>	Diazyme- Beckman Coulter AU-480/ SOP 6010
EDTA blood		Quantitative determination of <b>WBC</b>	Sysmex-XN1000/ SOP 6001
EDTA blood		Quantitative determination of <b>RBC</b>	Sysmex-XN1000/ SOP 6001
EDTA blood		Quantitative determination of <b>Hemoglobin</b>	Sysmex-XN1000/ SOP 6001
EDTA blood		Quantitative determination of <b>Hematocrit</b>	Sysmex-XN1000/ SOP 6001
EDTA blood		Quantitative determination of <b>MCV</b>	Sysmex-XN1000/ SOP 6001
EDTA blood		Quantitative determination of <b>MCH</b>	Sysmex-XN1000/ SOP 6001
EDTA blood		Quantitative determination of <b>MCHC</b>	Sysmex-XN1000/ SOP 6001
EDTA blood		Quantitative determination of <b>Platelet Count</b>	Sysmex-XN1000/ SOP 6001

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EDTA blood		Quantitative determination of <b>MPV</b>	Sysmex-XN1000/ SOP 6001
EDTA blood		Quantitative determination of <b>RDW</b>	Sysmex-XN1000/ SOP 6001
Serum	VIROLOGY	Qualitative determination of <b>HBsAg</b>	CLIA- Roche c601/ SOP 5057
Serum		Qualitative determination of <b>Anti-HCV</b>	CLIA- Roche c601/ SOP 5058
Serum		Qualitative determination of <b>Anti-HIV 1 &amp; 2</b>	CLIA- Roche c601/ SOP 5059
Urine	MICROBIOLOGY	Gram staining  Culture & antibiotic susceptibility testing	<ol style="list-style-type: none"> <li>1. Incubator</li> <li>2. Biological safety cabinet</li> <li>3. Microscope</li> <li>4. Viteck-2</li> <li>5. CLSI Guidelines</li> </ol> SOP 7003 & SOP 7051

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