

## BIO-CHEMISTRY-01

### ALL METHOD REPORT

Lab Code: 2564

Cycle - 11/2022  
Round No - 7

Date: 01/08/2022

Parameters	Units	No.of. Participants	Group Mean	Standard deviation (SD)	Uncertainty of Assign Values	Range ( $\pm 2$ SD)	Your Value	Standard Deviation Index (SDI)
Albumin	g/dL	227	4.0	0.2	0.02	3.6-4.5	3.8	-1.0
Alkaline Phosphatase	U/L	217	181.0	37.4	3.18	106.1-255.8	140	-1.1
Bilirubin Total	mg/dL	226	1.5	0.2	0.02	1.1-1.9	1.9	2.1
Calcium(Total)	mg/dL	194	8.8	0.7	0.06	7.5-10.1	.	-
Cholesterol (Total)	mg/dL	221	167.6	22.3	1.88	122.9-212.3	140	-1.2
Creatinine	mg/dL	230	1.4	0.2	0.02	1.0-1.8	1.5	0.5
Glucose	mg/dL	231	105.7	10.1	0.83	85.6-125.8	98	-0.8
HDL	mg/dL	209	56.9	16.6	1.44	23.6-90.1	.	-
Potassium	mEq/L	187	3.9	0.2	0.02	3.5-4.3	.	-
Protein (Total)	g/dl	222	5.8	0.4	0.03	5.1-6.5	5.8	0.0
Sodium	mEq/L	188	138.1	3.8	0.35	130.5-145.8	.	-
SGPT/ALT	U/L	225	30.4	4.0	0.33	22.5-38.3	23	-1.9
SGOT/AST	U/L	226	31.3	4.4	0.37	22.5-40.1	20	-2.6
Triglyceride	mg/dL	221	91.9	9.6	0.81	72.6-111.2	110	1.9
Urea	mg/dL	229	43.6	3.9	0.32	35.9-51.4	45	0.4
Uric Acid	mg/dl	225	5.7	0.5	0.04	4.7-6.8	5.9	0.3

#### Interpretation of SDI:


SDI Value(+/-)	0 - 0.5	0.6 - 0.9	1.0 - 2.0	2.1 - 2.9	$\geq 3$
Interpretation	Excellent Performance	Good Performance	Acceptable Performance	Marginal Performance Need Improvement	Unacceptable Performance Needs Urgent action

Legends	(*) Excluded From Group	(.) Not Reported	(#) Late Result	(S) Reported in
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Chief Coordinator



Dr. Sanjay Mehrotra

Checked By: 

Prepared by: SS

Doc. No.: ASS / FR / 03 / R 01 / Dt.: 05.01.2022

Programme Director



Dr. Bandana Mehrotra

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RML EQAS CORRECTIVE &  
PREVENTIVE ACTION

Name of the department: **Clinical Biochemistry**

EQAS Programme : RML EQAS

Cycle / Sample No : 11

Month and year : AUGUST - 2022

Nature of Non conformance:

Serum SGOT and Bilirubin SDI :  $\geq \pm 2.0$

**Corrective and preventive action taken:**

**Bilirubin and SGOT** Reagent stability, Expiry status and internal quality Control values were verified on the day (12/07/22) we processed our EQAS sample and the QC value is within the normal range only. It may be due to Random Error.

Review in the next EQAS sample.

Date:

22/8/22



Approved by:

**Dr Mohd Khaleel Msc.Ph.D**  
**Head-Clinical Laboratory**