

# SHREE DIAGNOSTIC CENTRE

External Quality Assurance Program Evaluation Form

Discipline : Biochemistry

EQAS :RML

Month : SEP-2022

Sample No : 09

Date	Test / Parameters	Sample Details	Date of run	Report Received on	Findings / Zscore	Corrective Action	QM/LD Remarks
24-09-2022	ALB	Serum	09-09-2022	24-09-2022	All Parameters are within ZSCORE (2.0)	NA	Results are satisfactory.
	ALK						
	BILIT						
	CALCIUM						
	CHOL -T						
	GREAT						
	GLUCOSE						
	HDL CHOLESTEROL						
	POTASSIUM						
	PROTEIN						
	SODIUM						
	ALT						
	AST						
	TRIGLYCERIDE						
	UREA						
URIC ACID							
CHLORIDE							
PHOSPHROUS							
FORM NO: 12	FORM NAME : EQAS EVALUTION FORM-BIO						FM/EQAS-EVAL-BIO/QM/12
ISSUE NO: 01	ISSUE DATE: 01/07/2020						ISSUE BY : QM
AMMEND NO :00	AMMEND DATE : 00						APPROVED BY : LD



*Sabhi*  
**QUALITY MANAGER**

*Sabhi*  
**ISSUED BY**



# RML – Quality Assurance Program (RML – QAP)



## BIO-CHEMISTRY-02

### ALL METHOD REPORT

Lab Code: 2359

Cycle - 11/2022

Round No - 9

Date: 24/09/2022

Parameters	Units	No.of. Participants	Group Mean	Standard deviation (SD)	Uncertainty of Assign Values	Range (± 2 SD)	Your Value	Standard Deviation Index (SDI)
Albumin	g/dL	238	4.1	0.3	0.02	3.5-4.6	4.3	0.9
Alkaline Phosphatase	U/L	227	175.9	34.8	2.89	106.3-245.5	195	0.5
Bilirubin Total	mg/dL	239	1.5	0.2	0.02	1.0-1.9	1.3	-0.8
Calcium(Total)	mg/dL	210	8.9	0.6	0.05	7.7-10.1	8.6	-0.5
Cholesterol (Total)	mg/dL	233	166.8	20.4	1.67	126.1-207.6	192	1.2
Creatinine	mg/dL	242	1.4	0.2	0.01	1.0-1.8	1.4	0.1
Glucose	mg/dL	242	105.1	9.9	0.80	85.2-124.9	107	0.2
HDL	mg/dL	223	56.2	16.4	1.37	23.4-88.9	82.7	1.6
Potassium	mEq/L	200	3.9	0.2	0.02	3.5-4.3	3.6	-1.5
Protein (Total)	g/dl	236	5.8	0.4	0.03	5.1-6.5	5.7	-0.2
Sodium	mEq/L	197	138.5	4.0	0.36	130.5-146.6	138	-0.1
SGPT/ALT	U/L	238	30.2	4.0	0.32	22.2-38.1	35	1.2
SGOT/AST	U/L	238	31.0	4.5	0.37	22.0-40.1	31	0.0
Triglyceride	mg/dL	235	93.1	9.3	0.76	74.4-111.8	98	0.5
Urea	mg/dL	241	43.4	3.9	0.32	35.5-51.3	45	0.4
Uric Acid	mg/dl	239	5.8	0.6	0.05	4.6-7.0	5.5	-0.4
Chloride	mEq/L	61	99.6	3.3	0.53	92.9-106.2	96	-1.1
Phosphorus	mg/dL	58	4.5	0.3	0.05	4.0-5.1	4.1	-1.5
Magnesium	mg/dl	19	2.1	0.3	0.07	1.6-2.6	1.60	-2.0
Iron	ug/dL	49	120.4	21.5	3.83	77.5-163.4	.	.
Amylase	U/L	38	75.5	13.2	2.67	49.1-101.9	67	-0.6
CK	U/L	21	194.9	61.0	16.64	73.0-316.9	254	1.0

#### Interpretation of SDI:

SDI Value(+/-)	0 - 0.5	0.6 - 0.9	1.0 - 2.0	2.1 - 2.9	≥ 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	(\$) Reported in
---------	-------------------------	------------------	-----------------	------------------

Chief Coordinator

Dr. Sanjay Mehrotra

Checked By:

Prepared by: SS

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

Programme Director

Dr. Bandana Mehrotra

Page 1 of 7

QUALITY MANAGER



Address: B-171, Nirala Nagar, Lucknow - 226 020 Ph: 4034100 130 (30 Lines) 4077180, 2788-44 Fax: (0522)2788555

Email: rmlresearchfoundation@gmail.com Website: www.rmlpathology.com

Continuous Efforts And Execution Leads To Quality Excellence