



# RML- Quality Assurance Program (RML-QAP)



## BIO-CHEMISTRY-01

### ALL METHOD REPORT

Lab Code: 3041

Cycle - 12/2023  
Round No - 10

Date: 31/10/2023

Parameters	Units	No. of Participants	Robust Mean	Robust Standard deviation (SD)	Uncertainty of Assign Values	Range ( $\pm 2$ SD)	Your Value	Z Score
Albumin	g/dL	208	2.9	0.2	0.02	2.5-3.4	.	-
Alkaline Phosphatase	U/L	208	328.7	69.3	6.01	190.1-467.3	445	1.7
Bilirubin Total	mg/dL	214	5.2	0.5	0.04	4.1-6.2	6.2	2.0
Calcium(Total)	mg/dL	187	12.4	0.7	0.06	10.9-13.9	13.3	1.3
Cholesterol (Total)	mg/dL	204	262.7	15.0	1.31	232.7-292.8	282	1.3
Creatinine	mg/dL	217	4.1	0.3	0.03	3.5-4.8	3.8	-1.0
Glucose	mg/dL	219	260.8	18.0	1.52	224.8-296.9	289	1.6
HDL	mg/dL	186	81.8	17.5	1.60	46.8-116.8	58.4	-1.3
Potassium	mEq/L	173	5.7	0.3	0.03	5.1-6.2	.	-
Protein (Total)	g/dl	207	4.5	0.3	0.03	3.9-5.2	.	-
Sodium	mEq/L	172	154.5	4.8	0.46	145.0-164.1	.	-
SGPT/ALT	U/L	215	131.3	13.9	1.18	103.4-159.2	142	0.8
SGOT/AST	U/L	216	132.3	12.9	1.10	106.4-158.1	150	1.4
Triglyceride	mg/dL	204	253.5	14.9	1.30	223.8-283.2	285	2.1
Urea	mg/dL	215	113.3	8.9	0.76	95.5-131.0	113	0.0
Uric Acid	mg/dl	209	9.3	0.7	0.06	8.0-10.7	10.3	1.4

#### Interpretation of Z Score :

Z Score Value(+/-)	$[Z] \leq 2.0$	$2.0 < [Z] < 3.0$	$[Z] \geq 3.0$
Interpretation	Satisfactory Performance No signal	Questionable Warning Signal	Unsatisfactory Performance action Signal

Legends	(*) Excluded From Group Mean	{.} Not Reported	(#)Late Result Submission	(\$)Reported in other Unit
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Chief Coordinator

Dr.Sanjay Mehrotra

Checked By:

Prepared by: PS

Programme Director

Dr.Bandana Mehrotra

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# RML- Quality Assurance Program (RML-QAP)



## Hemoglobin (Hb1Ac)

### ALL METHOD REPORT

Lab Code: 3041

Cycle - 12/2023

Date: 31/08/2023

Round No - 2

Parameters	Units	No.of. Participants	Robust Mean	Robust Standard deviation (SD)	Uncertainty of Assign Values	Range ( $\pm 2$ SD)	Your Value	Z Score
Hemoglobin (Hb A1C)	%	95	5.7	0.4	0.05	5.0-6.4	5.5	-0.5

### Interpretation of Z Score :

Z Score Value(+/-)	$ Z  \leq 2.0$	$2.0 <  Z  < 3.0$	$ Z  \geq 3.0$
Interpretation	Satisfactory Performance No signal	Questionable Warning Signal	Unsatisfactory Performance action Signal

Legends	(*) Excluded From Group Mean	{.} Not Reported	(#)Late Result Submission	(S)Reported in other Unit
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Chief Coordinator

Dr.Sanjay Mehrotra

Checked By:

Programme Director

Dr.Bandana Mehrotra

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Prepared by:SS



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