



## BIO-CHEMISTRY-01

### ALL METHOD REPORT

Lab Code: 3137

Cycle - 12/2023  
Round No - 11

Date: 30/11/2023

Parameters	Units	No. of Participants	Robust Mean	Robust Standard deviation (SD)	Uncertainty of Assign Values	Range (± 2 SD)	Your Value	Z Score
Albumin	g/dL	213	4.1	0.3	0.03	3.5-4.7	.	-
Alkaline Phosphatase	U/L	215	178.9	36.8	3.14	105.3-252.5	171	-0.2
Bilirubin Total	mg/dL	206	1.5	0.2	0.02	1.1-1.8	1.6	0.7
Calcium(Total)	mg/dL	167	8.8	0.5	0.05	7.8-9.8	.	-
Cholesterol (Total)	mg/dL	188	149.1	8.0	0.73	133.1-165.1	.	-
Creatinine	mg/dL	211	1.5	0.2	0.01	1.2-1.8	1.8	2.1
Glucose	mg/dL	219	98.0	7.2	0.61	83.6-112.4	98	0.0
HDL	mg/dL	177	49.1	6.3	0.59	36.5-61.7	.	-
Potassium	mEq/L	151	4.0	0.2	0.02	3.7-4.3	.	-
Protein (Total)	g/dl	192	5.8	0.3	0.03	5.1-6.5	.	-
Sodium	mEq/L	155	138.7	3.9	0.40	130.8-146.5	.	-
SGPT/ALT	U/L	207	30.5	3.7	0.32	23.1-37.9	37	1.8
SGOT/AST	U/L	202	30.1	3.6	0.31	23.0-37.3	*43	3.6
Triglyceride	mg/dL	186	98.1	6.3	0.58	85.4-110.7	.	-
Urea	mg/dL	208	42.7	3.9	0.33	35.0-50.4	43	0.1
Uric Acid	mg/dl	201	5.9	0.5	0.04	4.9-6.8	5.6	-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	(\$)Reported in other Unit
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Chief Coordinator

Dr.Sanjay Mehrotra

Checked By

Prepared by: NT

Programme Director

Dr.Bandana Mehrotra

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## BIO-CHEMISTRY-01

### METHOD WISE REPORT

Lab Code: 3137

Cycle - 12/2023

Round No - 11

Date: 30/11/2023

Note: @ Parameters are not part of Method Group

Parameters	Units	Method Group	No. of Participants	Robust Mean	Robust Standard deviation (SD)	Uncertainty of Assign Values	Range ( $\pm 2$ SD)	Your Value	Z Score
Albumin @	g/dL	Bromcresal Green (BCG)	104	4.2	0.3	0.04	3.6-4.7	-	-
Alkaline Phosphatase	U/L	PNPP	107	169.7	27.5	3.32	114.8-224.6	171	0.0
Bilirubin Total	mg/dL	Diazonium Ion	69	1.5	0.1	0.02	1.3-1.7	1.6	0.8
Calcium(Total)@	mg/dL	Arsenazo iii	69	8.9	0.6	0.09	7.7-10.0	-	-
Cholesterol (Total) @	mg/dL	Cholesterol Oxidase,esterase, peroxidase	105	149.8	7.9	0.97	133.9-165.7	-	-
Creatinine @	mg/dL	Alkaline Picrate	75	1.5	0.2	0.02	1.2-1.8	-	-
Glucose	mg/dL	Glucose oxidase,hydrogen peroxide(Trinder)	85	98.1	7.5	1.02	83.1-113.2	98.0	0.0
HDL @	mg/dL	Direct Measure	90	49.5	5.9	0.78	37.6-61.3	-	-
Potassium @	mEq/L	ISE Direct	71	4.0	0.1	0.02	3.7-4.3	-	-
Protein (Total) @	g/dl	Protein Biuret	100	5.8	0.3	0.04	5.1-6.5	-	-
Sodium @	mEq/L	ISE Direct	62	138.7	2.8	0.45	133.0-144.4	-	-
SGPT/ALT @	U/L	UV with P5P	56	31.0	4.3	0.72	22.3-39.7	-	-
SGOT/AST @	U/L	UV with P5P	56	30.6	4.2	0.71	22.2-39.1	-	-
Triglyceride@	mg/dL	Enzymatic	98	97.7	5.8	0.73	86.0-109.3	-	-
Urea	mg/dL	Urease	106	42.4	3.7	0.45	35.0-49.9	43	0.1
Uric Acid	mg/dl	Uricase	105	5.8	0.4	0.05	5.1-6.6	5.6	-0.6

#### 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: NT

Programme Director

Dr.Bandana Mehrotra

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# RML- Quality Assurance Program (RML-QAP)



## BIO-CHEMISTRY-01

### METHOD WISE REPORT-PART-02

Cycle - 12/2023  
Round No - 11

Date: 30/11/2023

Lab Code: 3137

Note: @ Parameters are not part of Method Group

Parameters	Units	Method Group	No. of Participants	Robust Mean	Robust Standard deviation (SD)	Uncertainty of Assign Values	Range ( $\pm 2$ SD)	Your Value	Z Score
Creatinine @	mg/dL	Enzymatic	42	1.5	0.1	0.02	1.2-1.7	-	-
Glucose @	mg/dL	Hexokinase	36	98.9	4.5	0.94	90.0-107.9	-	-
HDL @	mg/dL	Direct Measure, Immunoinhibition	21	49.0	6.6	1.80	35.8-62.1	-	-
SGPT/ALT	U/L	UV without P5P	57	29.1	3.7	0.61	21.7-36.5	37	2.1
SGOT/AST	U/L	UV without P5P	57	29.5	3.6	0.60	22.3-36.6	43	3.8
Urea @	mg/dL	Urease, UV	50	41.3	2.8	0.49	35.7-46.9	-	-

#### 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

Programme Director

Dr.Bandana Mehrotra

Checked By:

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Address: B-171, Nirala Nagar, Lucknow-226020. Ph.: 4034100-130 (30 Lines), 4077180, 2788444 Fax : (0522)2788555  
Email: rmlresearchfoundation@gmail.com Website: www.rmlpathology.com

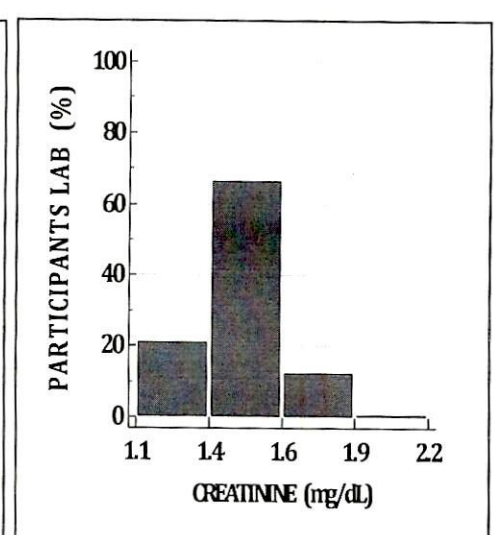
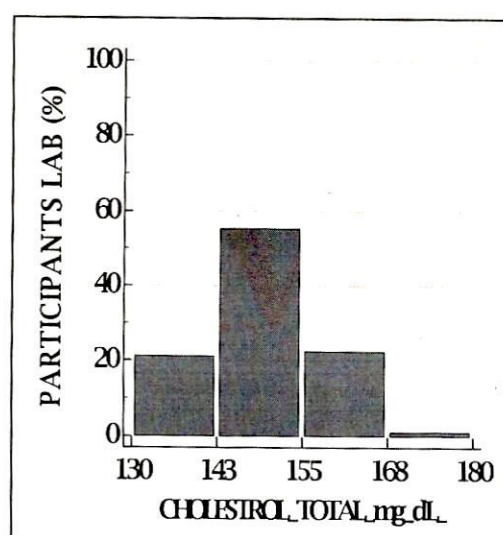
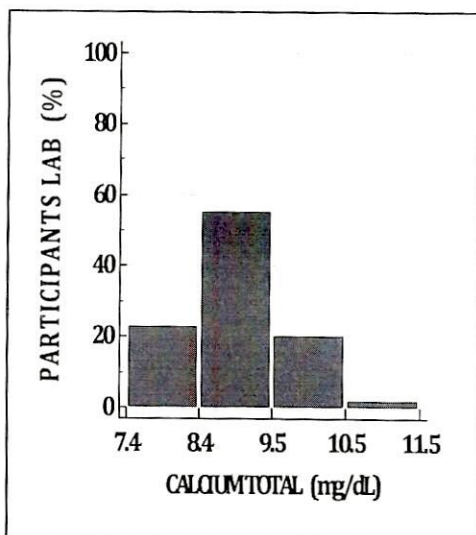
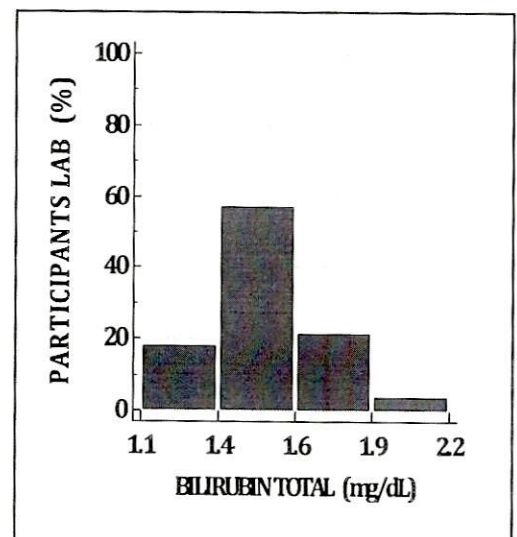
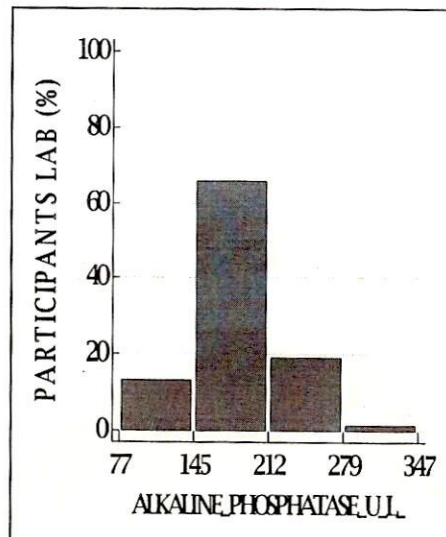
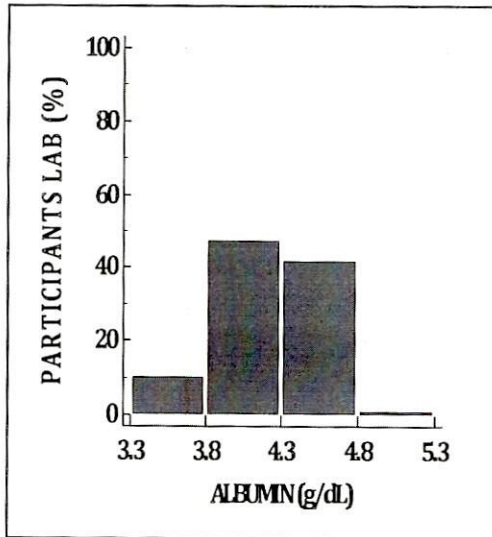
Continuous Efforts And Execution Leads To Quality Excellence

## BIO-CHEMISTRY-01

### GRAPHICAL REPORT

Cycle - 12/2023  
Round- 11

Date: 30/11/2023





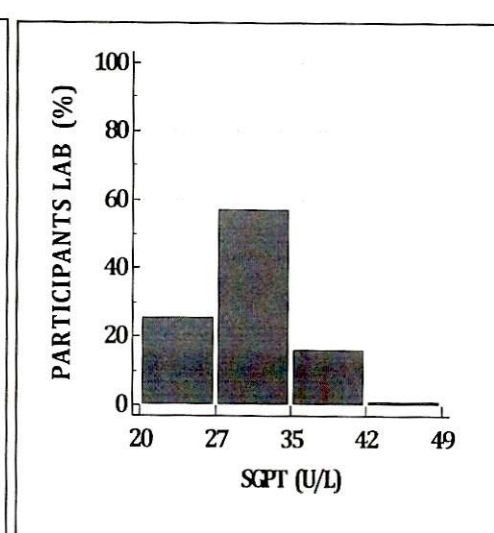
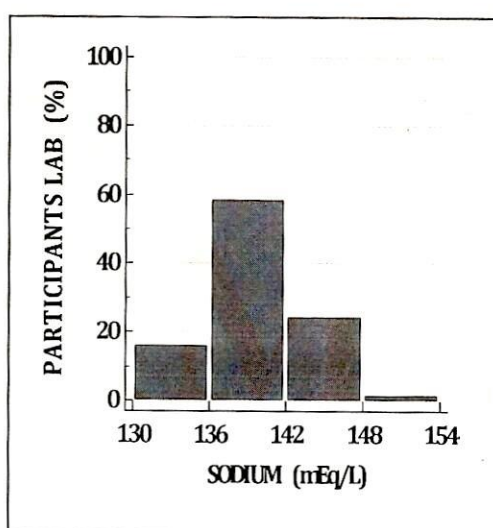
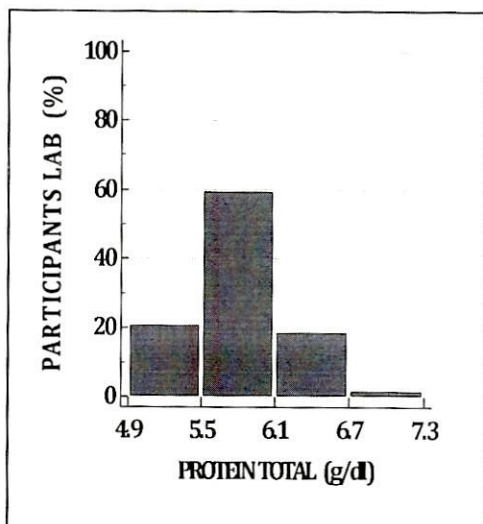
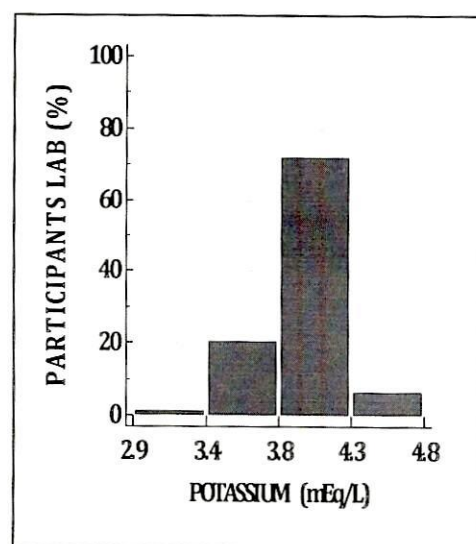
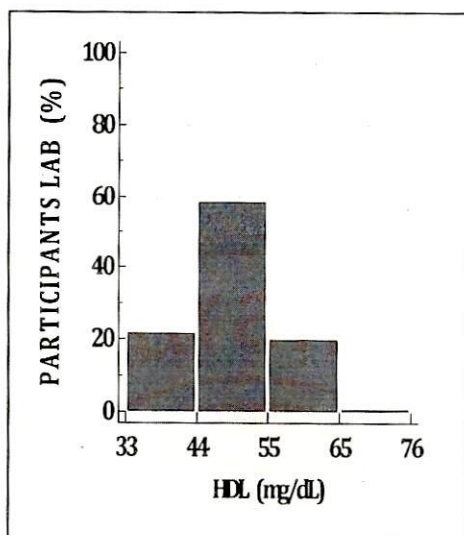
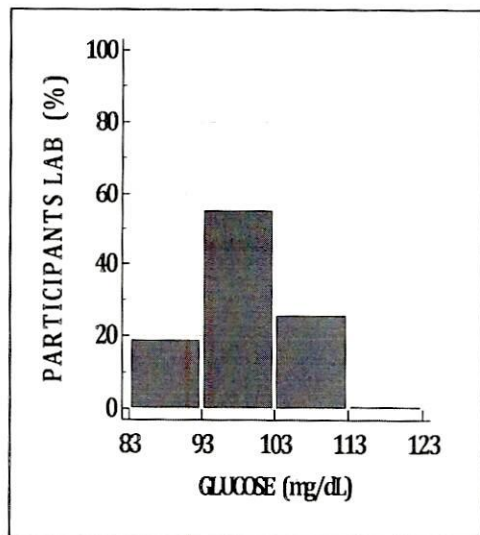
## BIO-CHEMISTRY-01

### GRAPHICAL REPORT

Cycle - 12/2023

Round- 11

Date: 30/11/2023

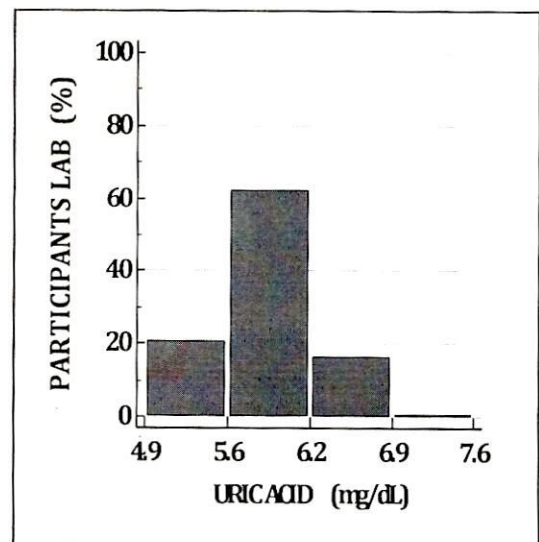
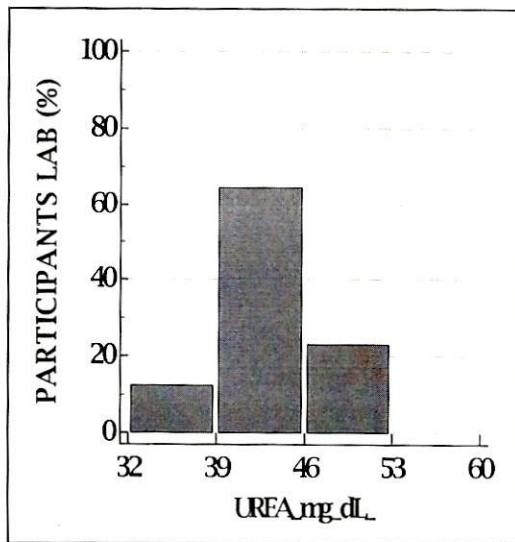
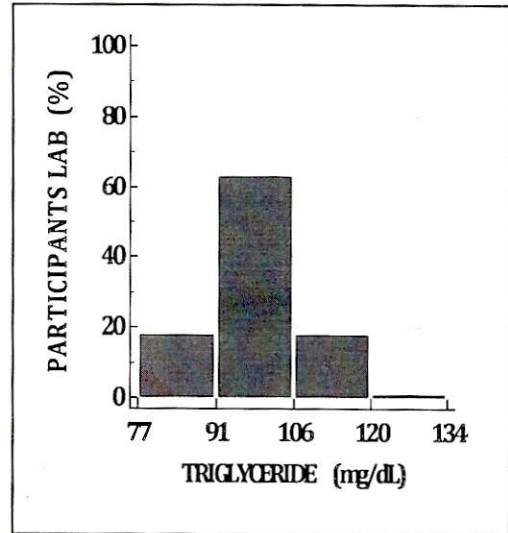
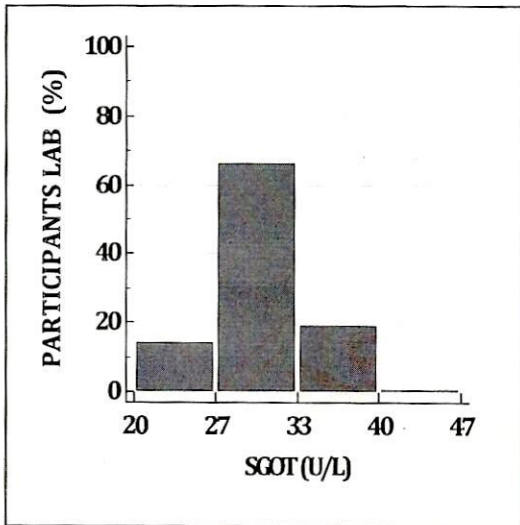


## BIO-CHEMISTRY-01

### GRAPHICAL REPORT

Cycle - 12/2023  
Round- 11

Date: 30/11/2023







## Basic Biochemistry-01

ALL PARTICIPANTS COMPLETE DATA REPORT

Cycle - 12/2023

Round No -11

Date: 30/11/2023

**Note:-** This report is only for information about the participants performance in the particular round

Parameters	Total No. of Participants	No. of Responses	No of Participant Excluded from Robust Group Mean	No. of Participants Z Score b/w 0.0 - 2	No. of Participants Z Score b/w 2.1 - 2.9	No. of Participants Z Score >3
Albumin	310	213	8	195	10	8
Alkaline Phosphatase	310	215	3	199	13	3
Bilirubin Total	310	206	14	185	7	14
Calcium(Total)	310	167	22	139	6	22
Cholesterol (Total)	310	188	24	157	7	24
Creatinine	310	211	16	190	5	16
Glucose	310	219	10	200	9	10
HDL	310	177	22	149	6	22
Potassium	310	151	18	126	7	18
Protien (Total)	310	192	17	164	11	17
Sodium	310	155	14	133	8	14
SGPT/ALT	310	207	16	187	4	16
SGOT/AST	310	202	23	173	6	23
Triglyceride	310	186	27	154	5	27
Urea	310	208	15	183	10	15
Uric Acid	310	201	18	175	8	18

\*\*End of Report\*\*

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Address: B-171, Nirala Nagar, Lucknow-226020. Ph.: 4034100-130 (30 Lines), 4077180, 2788444 Fax : (0522)2788555  
Email: rmlresearchfoundation@gmail.com Website: www.rmlpathology.com