



BIO-CHEMISTRY-01

ALL METHOD REPORT

Cycle - 12/2023

Lab Code: 3137

Round No - 10

Date: 31/10/2023

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	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	267	-0.9
Bilirubin Total	mg/dL	214	5.2	0.5	0.04	4.1-6.2	4.9	-0.6
Calcium(Total)	mg/dL	187	12.4	0.7	0.06	10.9-13.9	.	-
Cholesterol (Total)	mg/dL	204	262.7	15.0	1.31	232.7-292.8	.	-
Creatinine	mg/dL	217	4.1	0.3	0.03	3.5-4.8	3.7	-1.3
Glucose	mg/dL	219	260.8	18.0	1.52	224.8-296.9	*364	5.7
HDL	mg/dL	186	81.8	17.5	1.60	46.8-116.8	.	-
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	123	-0.6
SGOT/AST	U/L	216	132.3	12.9	1.10	106.4-158.1	143	0.8
Triglyceride	mg/dL	204	253.5	14.9	1.30	223.8-283.2	.	-
Urea	mg/dL	215	113.3	8.9	0.76	95.5-131.0	108	-0.6
Uric Acid	mg/dl	209	9.3	0.7	0.06	8.0-10.7	8.6	-1.0

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)



BIO-CHEMISTRY-01

METHOD WISE REPORT

Lab Code: 3137

Cycle - 12/2023

Round No - 10

Date: 31/10/2023

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 (± 2 SD)	Your Value	Z Score
Albumin @	g/dL	Bromocresol Green (BCG)	109	3.0	0.2	0.02	2.6-3.4	-	-
Alkaline Phosphatase	U/L	PNPP	117	327.1	70.6	8.16	186.0-468.2	267	-0.9
Bilirubin Total	mg/dL	Diazonium Ion	76	5.3	0.5	0.07	4.3-6.3	4.9	-0.8
Calcium(Total) @	mg/dL	Arsenazo iii	78	12.4	0.6	0.08	11.1-13.7	-	-
Cholesterol (Total) @	mg/dL	Cholesterol Oxidase,esterase, peroxidase	117	264.6	13.4	1.55	237.9-291.4	-	-
Creatinine @	mg/dL	Alkaline Picrate	78	4.1	0.3	0.04	3.5-4.7	-	-
Glucose	mg/dL	Glucose oxidase,hydrogen peroxide(Trinder)	92	263.2	20.0	2.61	223.2-303.3	*364	5.0
HDL @	mg/dL	Direct Measure	96	84.3	15.6	1.99	53.2-115.4	-	-
Potassium @	mEq/L	ISE Direct	79	5.7	0.2	0.03	5.2-6.1	-	-
Protein (Total) @	g/dl	Protein Biuret	110	4.5	0.4	0.05	3.8-5.2	-	-
Sodium @	mEq/L	ISE Direct	77	154.1	3.8	0.54	146.5-161.8	-	-
SGPT/ALT @	U/L	UV with P5P	60	133.9	14.1	2.28	105.7-162.1	-	-
SGOT/AST @	U/L	UV with P5P	62	133.9	16.3	2.59	101.3-166.6	-	-
Triglyceride @	mg/dL	Enzymatic	112	251.4	15.3	1.81	220.9-282.0	-	-
Urea	mg/dL	Urease	112	113.4	7.7	0.91	97.9-128.9	108	-0.7
Uric Acid	mg/dl	Uricase	117	9.3	0.7	0.08	7.9-10.7	8.6	-1.0

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

Programme Director

Dr.Sanjay Mehrotra

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Checked By:

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Prepared by: PS

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Continuous Efforts And Execution Leads To Quality Excellence



PC 1001

RML- Quality Assurance Program (RML-QAP)



BIO-CHEMISTRY-01

METHOD WISE REPORT-PART-02

Cycle - 12/2023

Round No - 10

Date: 31/10/2023

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 (± 2 SD)	Your Value	Z Score
Creatinine @	mg/dL	Enzymatic	43	4.2	0.3	0.06	3.5-4.9	-	-
Glucose @	mg/dL	Hexokinase	34	264.4	11.5	2.47	255.0-287.5	-	-
HDL @	mg/dL	Direct Measure, Immuno-inhibition	20	80.7	15.3	4.28	50.2-111.2	-	-
SGPT/ALT	U/L	UV without P&P	61	131.1	15.3	2.45	100.4-161.8	123	-0.5
SGOT/AST	U/L	UV without P&P	61	133.8	12.0	1.92	109.9-157.8	143	0.8
Urea @	mg/dL	Urease, UV	51	112.8	10.4	1.82	92.0-133.6	-	-

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

Programme Director

Dr. Bandana Mehrotra

Checked by

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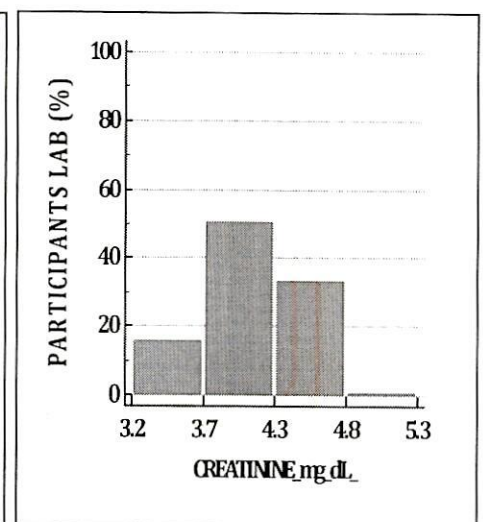
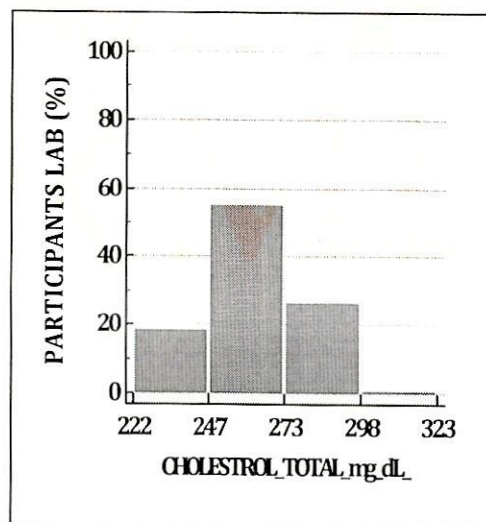
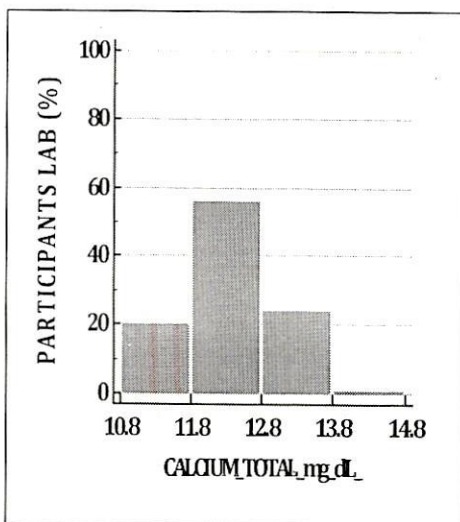
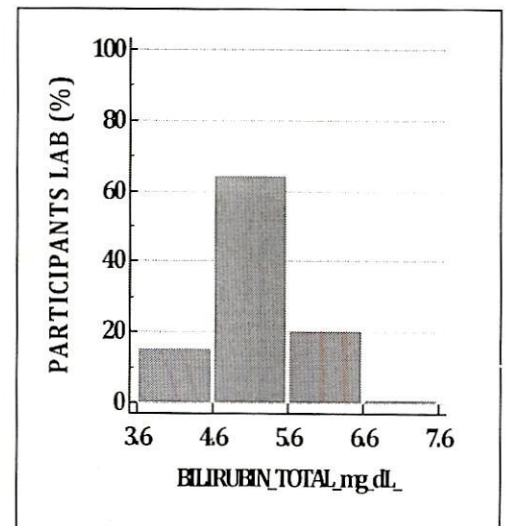
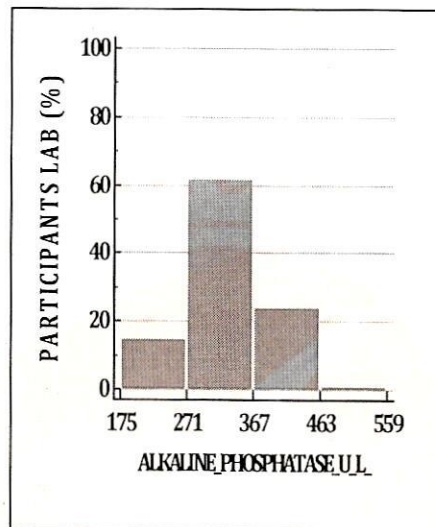
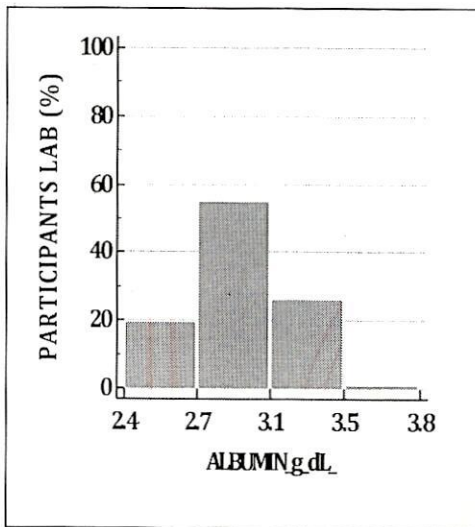


BIO-CHEMISTRY-01

GRAPHICAL REPORT

Cycle - 12/2023
Round- 10

Date: 31/10/2023

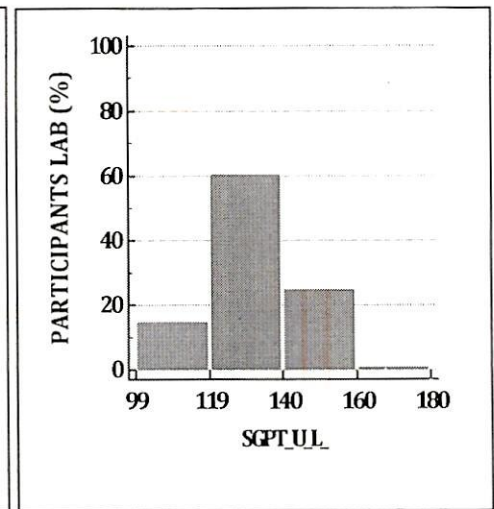
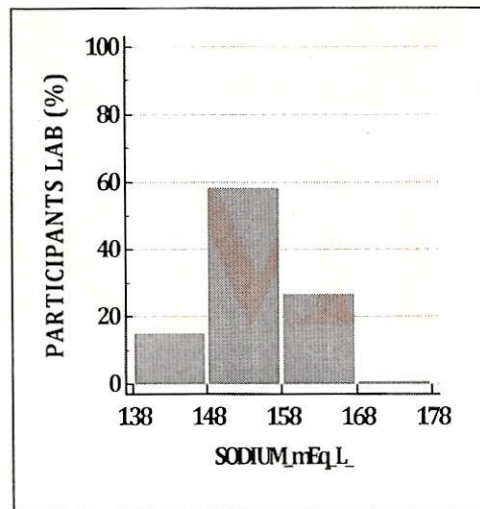
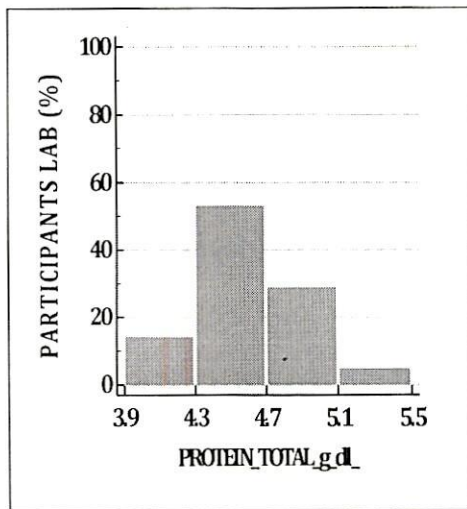
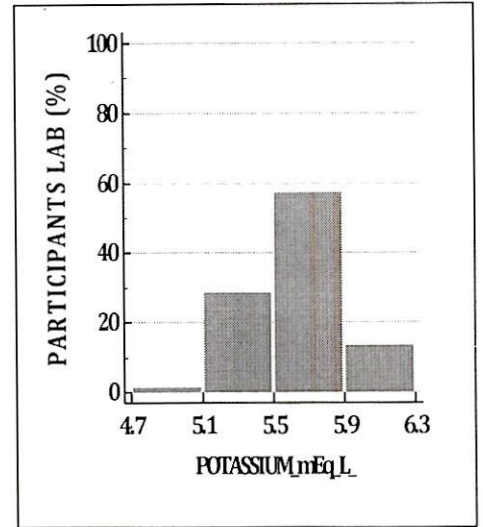
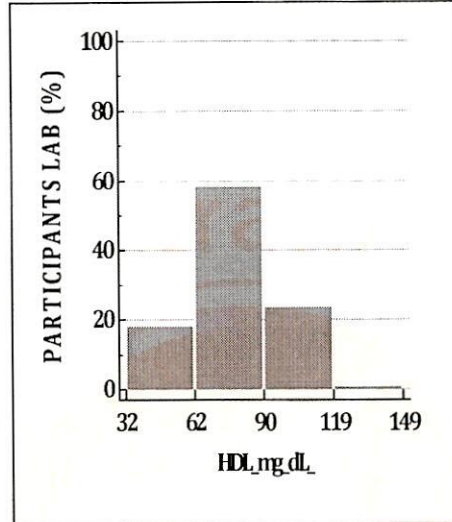
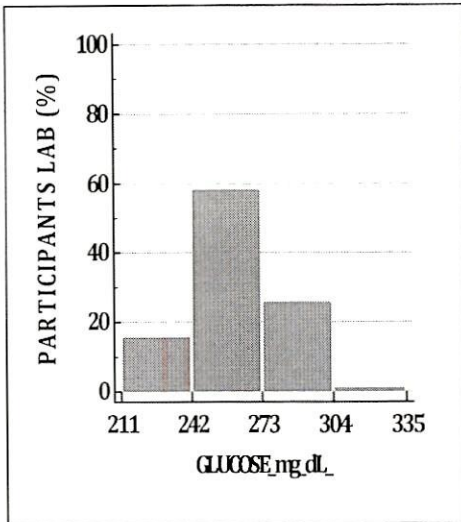


BIO-CHEMISTRY-01

GRAPHICAL REPORT

Cycle - 12/2023
Round- 10

Date: 31/10/2023



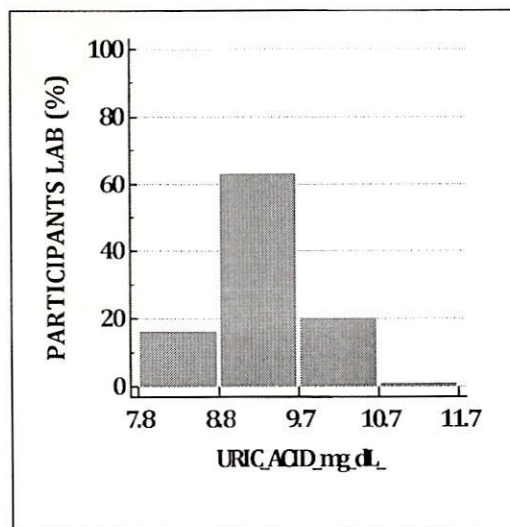
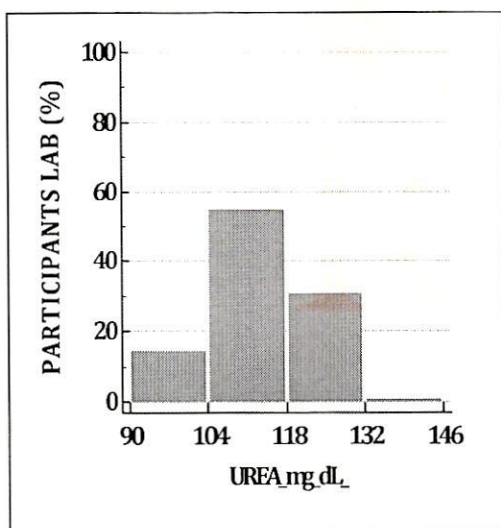
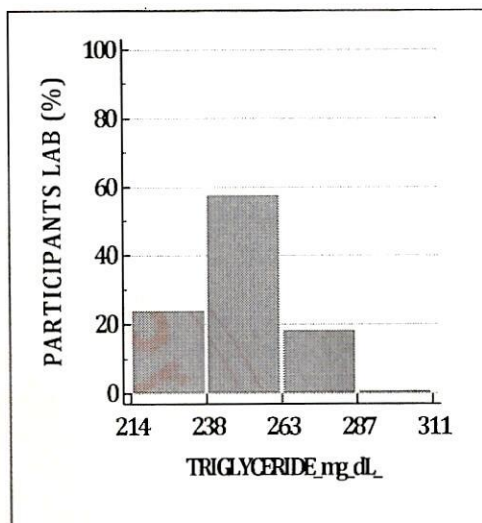
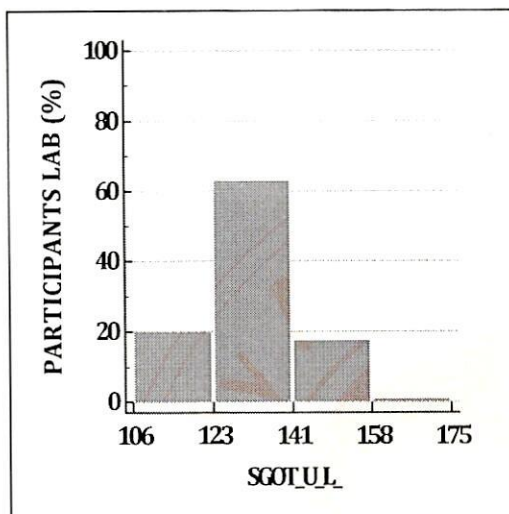


BIO-CHEMISTRY-01

GRAPHICAL REPORT

Cycle - 12/2023
Round- 10

Date: 31/10/2023





Basic Biochemistry-01

ALL PARTICIPANTS COMPLETE DATA REPORT

Cycle - 12/2023

Round No -10

Date: 31/10/2023

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	303	208	10	191	7	10
Alkaline Phosphatase	303	208	7	191	10	7
Bilirubin Total	303	214	16	190	8	16
Calcium(Total)	303	187	23	152	12	23
Cholesterol (Total)	303	204	14	180	10	14
Creatinine	303	217	22	188	7	22
Glucose	303	219	14	194	11	14
HDL	303	186	5	170	11	5
Potassium	303	173	12	151	10	12
Protien (Total)	303	207	19	173	15	19
Sodium	303	172	12	150	10	12
SGPT/ALT	303	215	10	199	6	10
SGOT/AST	303	216	14	186	16	14
Triglyceride	303	204	20	167	17	20
Urea	303	215	15	193	7	15
Uric Acid	303	209	13	188	8	13

End of Report

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