



RML- Quality Assurance Program (RML-QAP)



BIO-CHEMISTRY-01

ALL METHOD REPORT

Lab Code: 2779

Cycle - 12/2023
Round No - 08

Date: 31/08/2023

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	220	2.9	0.2	0.02	2.5 - 3.4	2.8	-0.6
Alkaline Phosphatase	U/L	212	331.6	56.8	4.88	217.9 - 445.2	323	-0.2
Bilirubin Total	mg/dL	223	5.2	0.6	0.05	4.0 - 6.4	6.4	2.1
Calcium(Total)	mg/dL	199	12.3	0.7	0.07	10.8 - 13.8	*9.3	-4.1
Cholesterol (Total)	mg/dL	217	267.0	14.5	1.23	238.0 - 296.0	244	-1.6
Creatinine	mg/dL	226	4.1	0.3	0.03	3.4 - 4.8	4.2	0.3
Glucose	mg/dL	229	264.2	17.1	1.41	229.9 - 298.4	264	0.0
HDL	mg/dL	199	77.7	20.6	1.83	36.5 - 118.9	91.0	0.6
Potassium	mEq/L	182	5.7	0.3	0.02	5.2 - 6.2	5.7	0.1
Protein (Total)	g/dl	218	4.6	0.3	0.03	3.9 - 5.2	4.8	0.7
Sodium	mEq/L	182	154.7	5.0	0.46	144.7 - 164.6	151	-0.7
SGPT/ALT	U/L	224	132.1	11.8	0.98	108.6 - 155.6	*207	6.4
SGOT/AST	U/L	223	133.9	10.7	0.90	112.5 - 155.4	154	1.9
Triglyceride	mg/dL	216	250.3	18.0	1.53	214.3 - 286.4	234	-0.9
Urea	mg/dL	224	114.2	8.6	0.72	97.1 - 131.4	98	-1.9
Uric Acid	mg/dl	219	9.3	0.9	0.07	7.6 - 11.0	9.3	0.0

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: NN

Programme Director

Dr.Bandana Mehrotra

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RML- Quality Assurance Program (RML-QAP)



BIO-CHEMISTRY-01

METHOD WISE REPORT

Lab Code: 2779

Cycle - 12/2023

Round No - 8

Date: 31/08/2023

Note: @ parameter is not the part of this 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)	113	2.9	0.2	0.02	2.6 - 3.3	2.8	-0.7
Alkaline Phosphatase	U/L	PNPP	114	321.6	52.0	6.08	217.7 - 425.5	323	0.0
Bilirubin Total	mg/dL	Diazonium Ion	77	5.2	0.5	0.07	4.2 - 6.3	6.4	2.3
Calcium(Total)	mg/dL	Arsenazo iii	77	12.1	0.9	0.12	10.4 - 13.9	*9.3	-3.3
Cholesterol (Total)	mg/dL	Cholestrol Oxidase,esterase, peroxidase	116	267.5	13.6	1.58	240.2 - 294.7	244	-1.7
Creatinine	mg/dL	Alkaline Picrate	79	4.1	0.4	0.05	3.4 - 4.8	4.2	0.4
Glucose	mg/dL	Glucose oxidase,hydrogen peroxide(Trinder)	90	264.9	18.7	2.46	227.6 - 302.2	264	0.0
HDL	mg/dL	Direct Measure	97	81.9	17.7	2.25	46.5 - 117.4	91.0	0.5
Potassium @	mEq/L	ISE Direct	84	5.7	0.2	0.03	5.3 - 6.1	-	-
Protein (Total)	g/dl	Protein Biuret	113	4.5	0.3	0.04	3.9 - 5.2	4.8	0.8
Sodium @	mEq/L	ISE Direct	82	155.5	4.1	0.57	147.2 - 163.8	-	-
SGPT/ALT	U/L	UV with PSP	58	132.9	12.0	1.97	108.9 - 157.0	*207	6.2
SGOT/AST	U/L	UV with PSP	60	133.9	12.0	1.93	109.9 - 157.8	154	1.7
Triglyceride	mg/dL	Enzymatic	112	252.6	13.7	1.62	225.2 - 280.0	234	-1.4
Urea	mg/dL	Urease	116	114.7	8.2	0.95	98.3 - 131.0	98	-2.0
Uric Acid	mg/dl	Uricase	121	9.3	0.8	0.10	7.6 - 10.9	9.3	0.0

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: NN

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 - 8

Date: 31/08/2023

Lab Code: 2779

Note: Your lab is not the part of this 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	45	4.1	0.3	0.05	3.6 - 4.7	-	-
Glucose	mg/dL	Hexokinase	38	271.1	8.1	1.64	255.0-287.3	-	-
HDL	mg/dL	Direct Measure, Immunoinhibition	21	78.7	16.2	4.42	46.3 - 111.1	-	-
SGPT/ALT	U/L	UV without PSP	60	132.1	11.0	1.78	110.1 - 154.2	-	-
SGOT/AST	U/L	UV without PSP	57	135.1	9.5	1.57	116.1 - 154.1	-	-
Urea	mg/dL	Urease, UV	53	112.6	11.5	1.97	89.7 - 135.6	-	-

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	(S)Reported in other Unit
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Chief Coordinator

Dr.Sanjay Mehrotra

Checked By

Prepared by: NN

Programme Director

Dr.Bandana Mehrotra

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RML- Quality Assurance Program (RML-QAP)

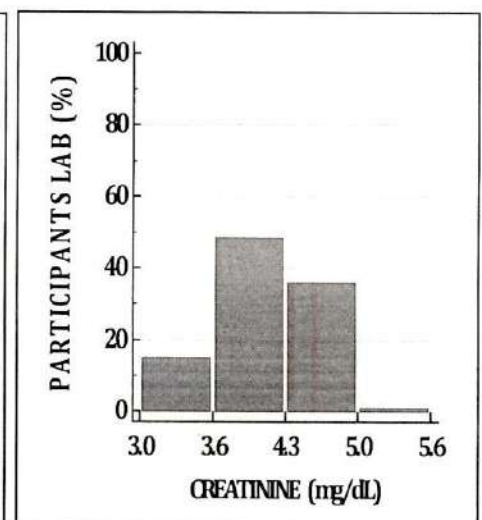
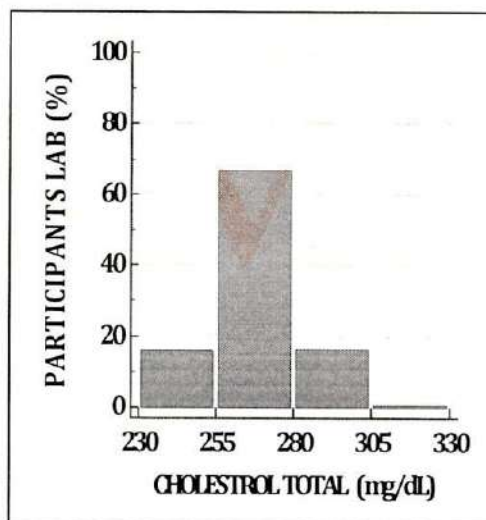
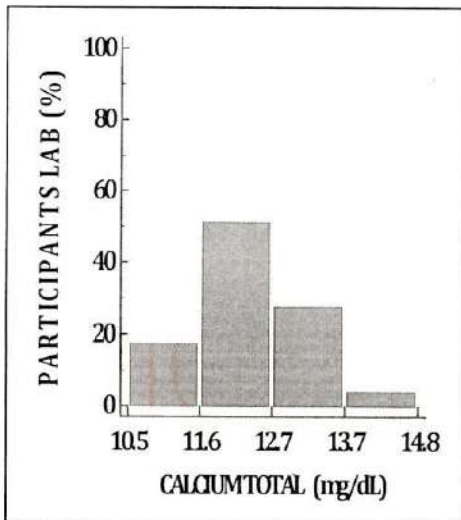
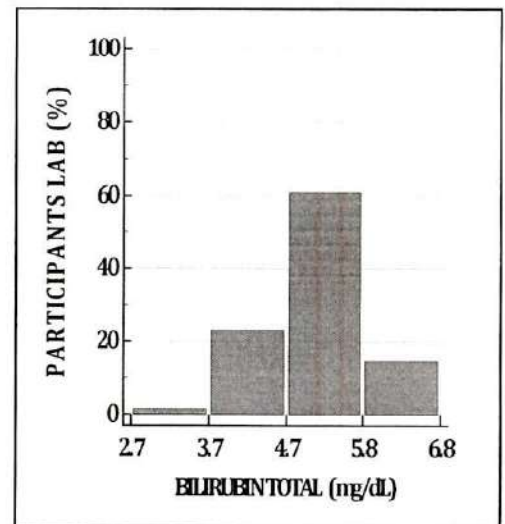
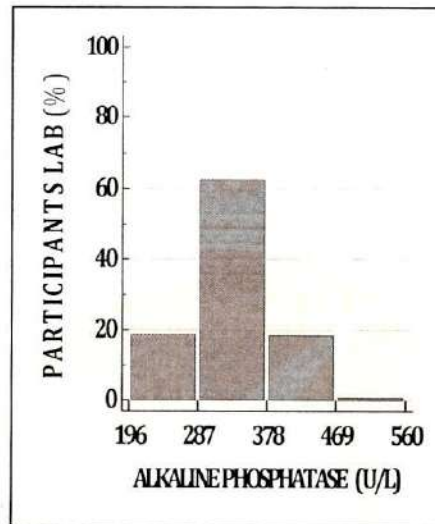
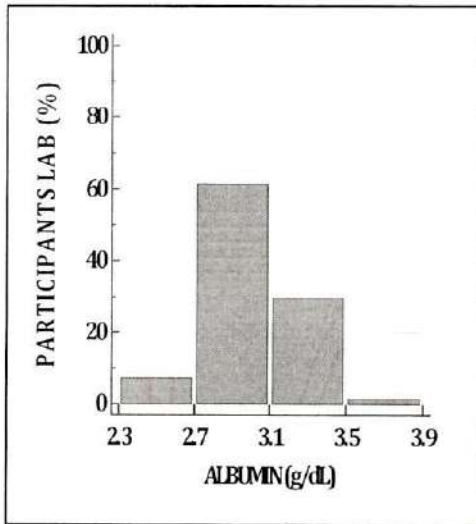


BIO-CHEMISTRY-01

GRAPHICAL REPORT

Cycle - 12/2023
Round- 8

Date: 31/08/2023



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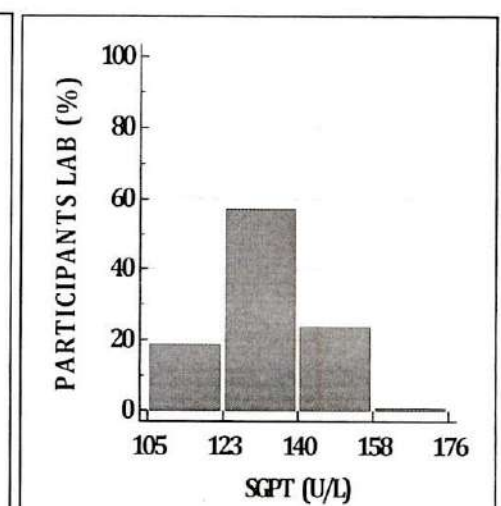
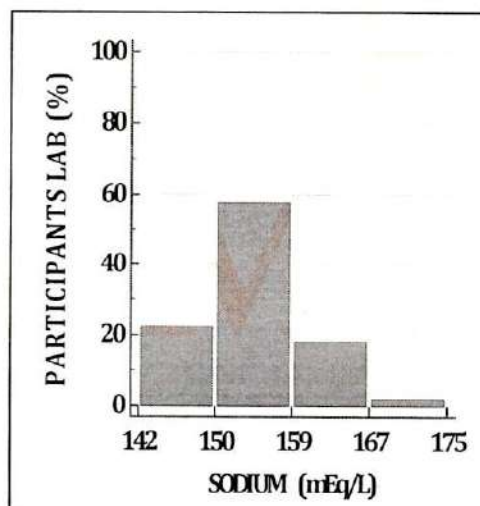
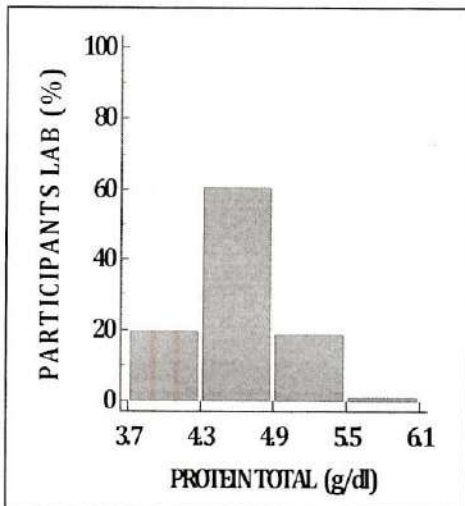
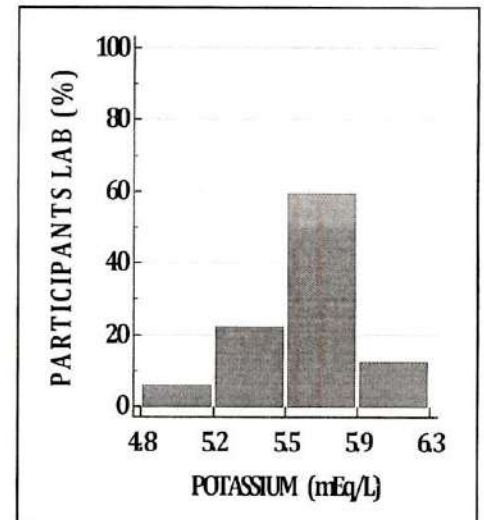
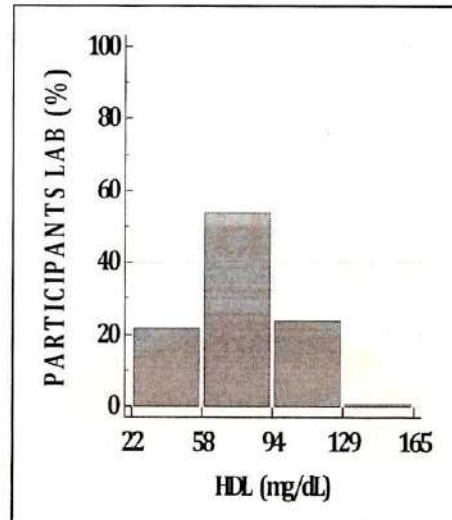
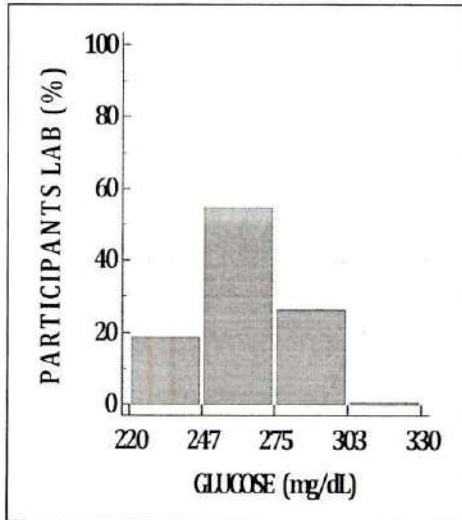


BIO-CHEMISTRY-01

GRAPHICAL REPORT

Cycle - 12/2023
Round- 8

Date: 31/08/2023



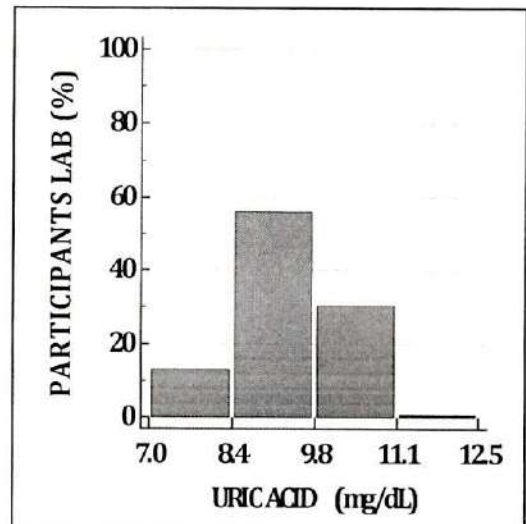
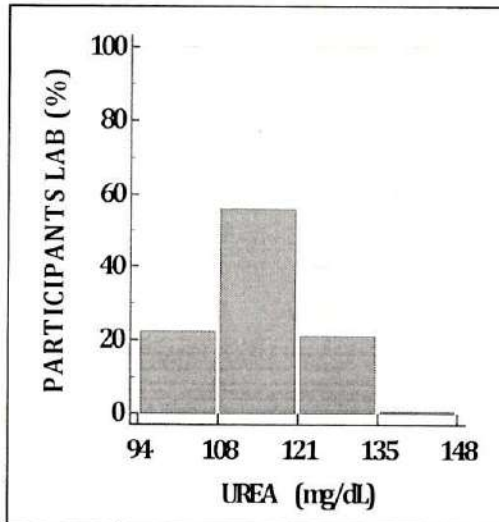
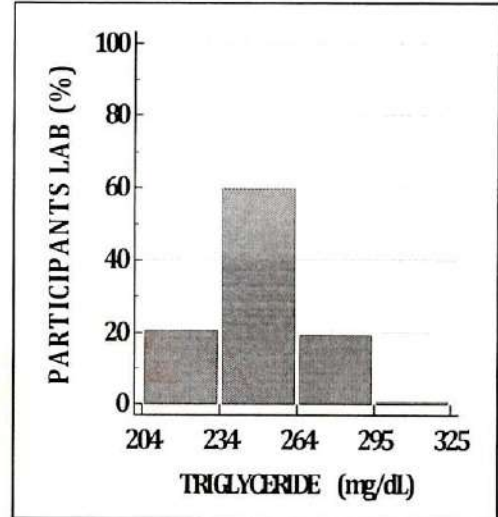
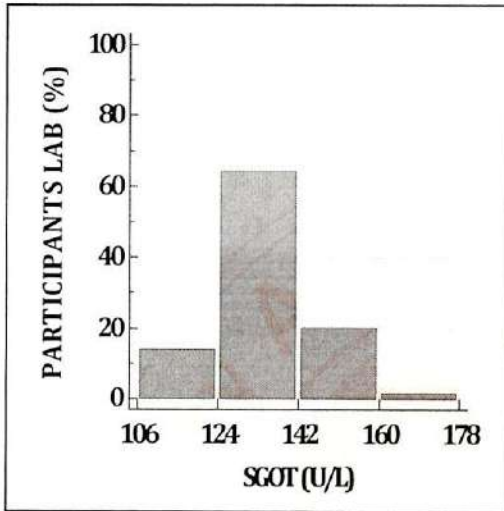


BIO-CHEMISTRY-01

GRAPHICAL REPORT

Cycle - 12/2023
Round- 8

Date: 31/08/2023





Basic Biochemistry-01

ALL PARTICIPANTS COMPLETE DATA REPORT

Cycle - 12/2023

Round No -08

Date: 31/08/2023

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	296	220	18	192	10	18
Alkaline Phosphatase	296	212	8	189	15	8
Bilirubin Total	296	223	14	194	15	14
Calcium(Total)	296	199	22	165	12	22
Cholesterol (Total)	296	217	18	186	13	18
Creatinine	296	226	17	198	11	17
Glucose	296	229	18	201	10	18
HDL	296	199	2	191	6	2
Potassium	296	182	9	160	13	9
Protien (Total)	296	218	20	190	8	20
Sodium	296	182	11	162	9	11
SGPT/ALT	296	224	24	184	16	24
SGOT/AST	296	223	26	181	16	26
Triglyceride	296	216	12	185	19	12
Urea	296	224	22	188	14	22
Uric Acid	296	219	13	198	8	13

****End of Report****

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