



RML- Quality Assurance Program (RML-QAP)



BIO-CHEMISTRY-01

ALL METHOD REPORT

Lab Code: 3029

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	3.4	2.2
Alkaline Phosphatase	U/L	212	331.6	56.8	4.88	217.9 - 445.2	351	0.3
Bilirubin Total	mg/dL	223	5.2	0.6	0.05	4.0 - 6.4	5.7	0.9
Calcium(Total)	mg/dL	199	12.3	0.7	0.07	10.8 - 13.8	12.6	0.4
Cholesterol (Total)	mg/dL	217	267.0	14.5	1.23	238.0 - 296.0	268	0.1
Creatinine	mg/dL	226	4.1	0.3	0.03	3.4 - 4.8	4.7	1.8
Glucose	mg/dL	229	264.2	17.1	1.41	229.9 - 298.4	261	-0.2
HDL	mg/dL	199	77.7	20.6	1.83	36.5 - 118.9	85.5	0.4
Potassium	mEq/L	182	5.7	0.3	0.02	5.2 - 6.2	.	-
Protein (Total)	g/dl	218	4.6	0.3	0.03	3.9 - 5.2	5.2	1.9
Sodium	mEq/L	182	154.7	5.0	0.46	144.7 - 164.6	.	-
SGPT/ALT	U/L	224	132.1	11.8	0.98	108.6 - 155.6	125	-0.6
SGOT/AST	U/L	223	133.9	10.7	0.90	112.5 - 155.4	121	-1.2
Triglyceride	mg/dL	216	250.3	18.0	1.53	214.3 - 286.4	293	2.4
Urea	mg/dL	224	114.2	8.6	0.72	97.1 - 131.4	116	0.2
Uric Acid	mg/dl	219	9.3	0.9	0.07	7.6 - 11.0	9.9	0.7

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
---------	------------------------------	------------------	---------------------------	-----------------------------

Chief Coordinator

Dr.Sanjay Mehrotra

Checked By:

Prepared by: NN

Programme Director

Dr.Bandana Mehrotra

Page 1 of 7



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



RML- Quality Assurance Program (RML-QAP)



BIO-CHEMISTRY-01

METHOD WISE REPORT

Lab Code: 3029

Cycle - 12/2023

Round No - 8

Date: 31/08/2023

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
Albumin	g/dL	Bromocresal Green (BCG)	113	2.9	0.2	0.02	2.6 - 3.3	-	-
Alkaline Phosphatase	U/L	PNPP	114	321.6	52.0	6.08	217.7 - 425.5	-	-
Bilirubin Total	mg/dL	Diazonium Ion	77	5.2	0.5	0.07	4.2 - 6.3	-	-
Calcium(Total)	mg/dL	Arsenazo iii	77	12.1	0.9	0.12	10.4 - 13.9	-	-
Cholesterol (Total)	mg/dL	Cholestrol Oxidase,esterase, peroxidase	116	267.5	13.6	1.58	240.2 - 294.7	-	-
Creatinine	mg/dL	Alkaline Picrate	79	4.1	0.4	0.05	3.4 - 4.8	-	-
Glucose	mg/dL	Glucose oxidase,hydrogen peroxide(Trinder)	90	264.9	18.7	2.46	227.6 - 302.2	-	-
HDL	mg/dL	Direct Measure	97	81.9	17.7	2.25	46.5 - 117.4	-	-
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	-	-
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	-	-
SGOT/AST	U/L	UV with PSP	60	133.9	12.0	1.93	109.9 - 157.8	-	-
Triglyceride	mg/dL	Enzymatic	112	252.6	13.7	1.62	225.2 - 280.0	-	-
Urea	mg/dL	Urease	116	114.7	8.2	0.95	98.3 - 131.0	-	-
Uric Acid	mg/dl	Uricase	121	9.3	0.8	0.10	7.6 - 10.9	-	-

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
---------	------------------------------	------------------	----------------------------	-----------------------------

Chief Coordinator

Dr.Sanjay Mehrotra

Checked By:

Prepared by: NA

Programme Director

Dr.Bandana Mehrotra

Page 2 of 7

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



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



PC 1001

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: 3029

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 P5P	60	132.1	11.0	1.78	110.1 - 154.2	-	-
SGOT/AST	U/L	UV without P5P	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	(\$)Reported in other Unit
---------	------------------------------	------------------	---------------------------	----------------------------

Chief Coordinator

Dr.Sanjay Mehrotra

Checked By:

Prepared by: NN

Programme Director

Dr.Bandana Mehrotra

Page 3 of 7

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

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

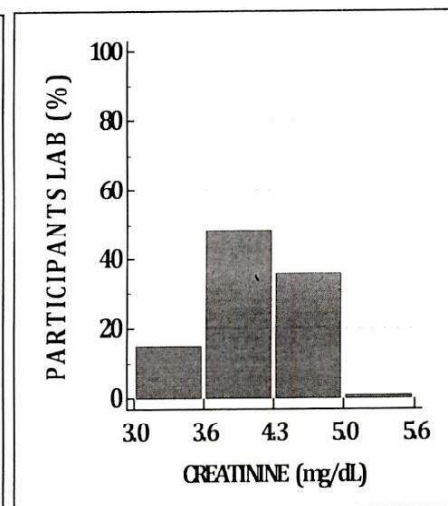
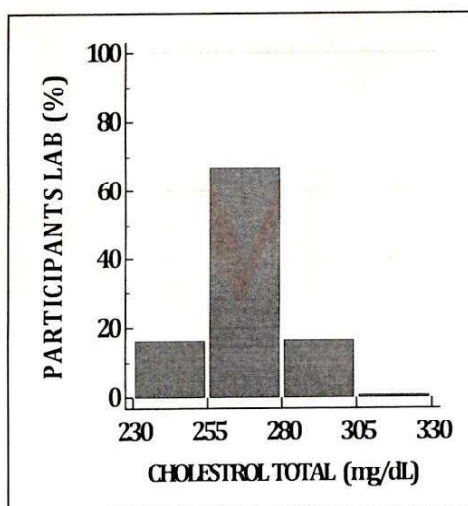
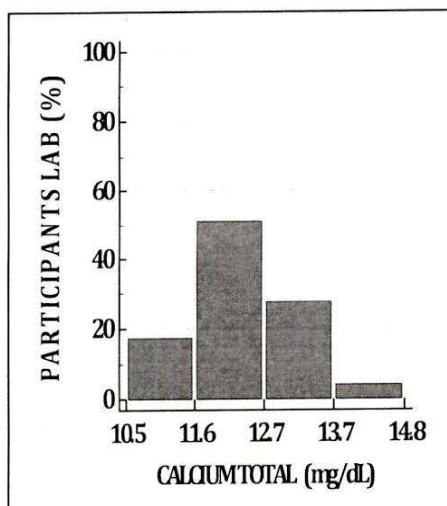
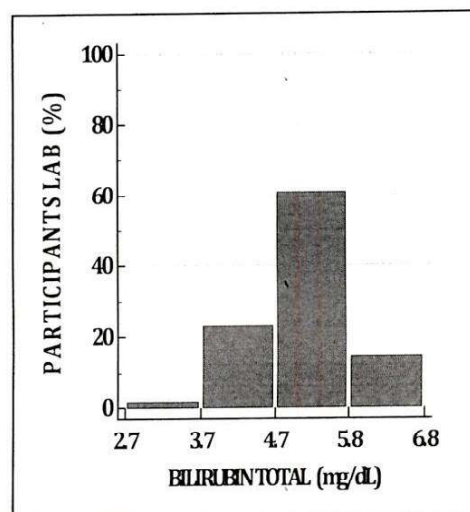
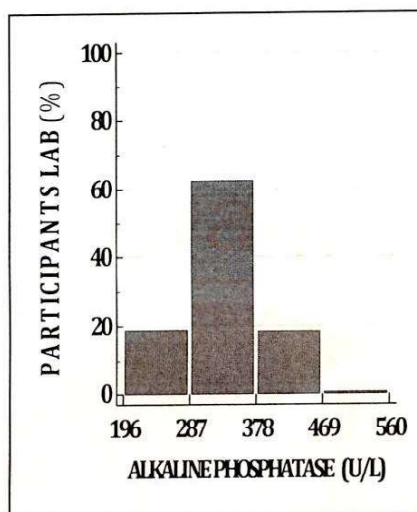
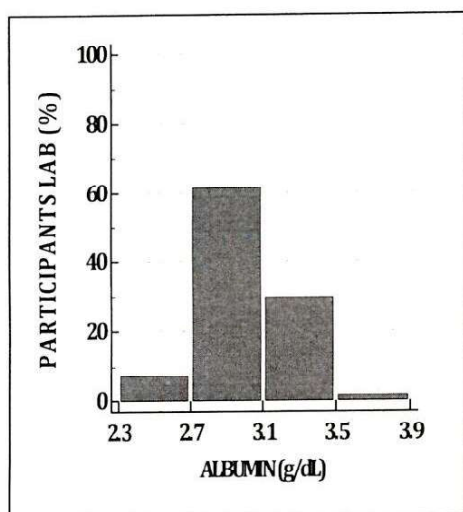


BIO-CHEMISTRY-01

GRAPHICAL REPORT

Cycle - 12/2023
Round- 8

Date: 31/08/2023



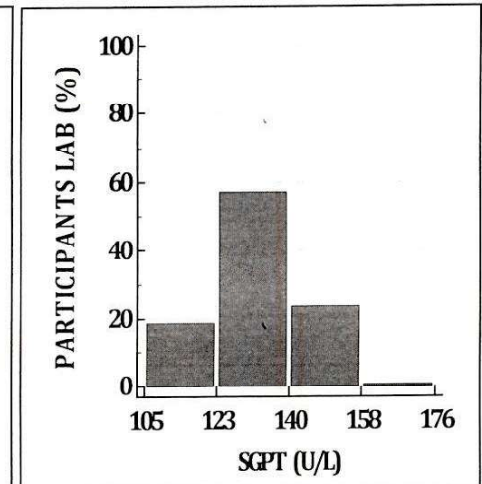
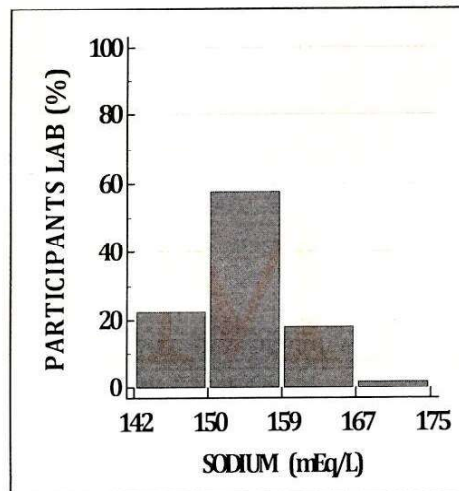
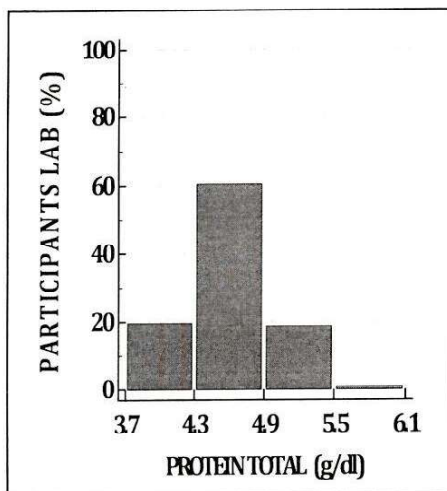
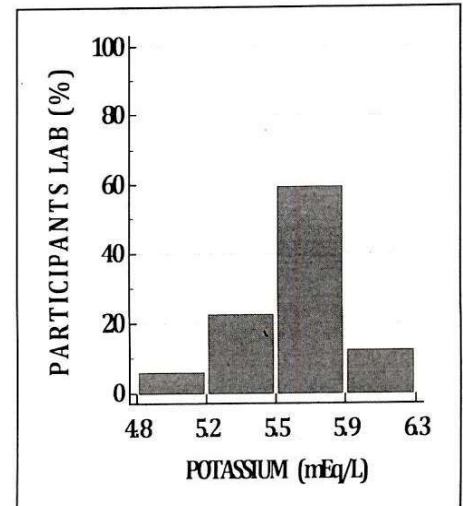
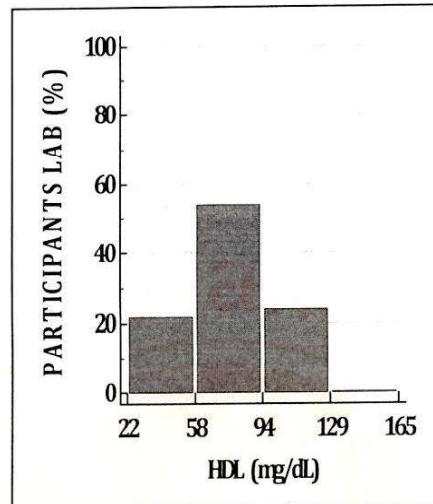
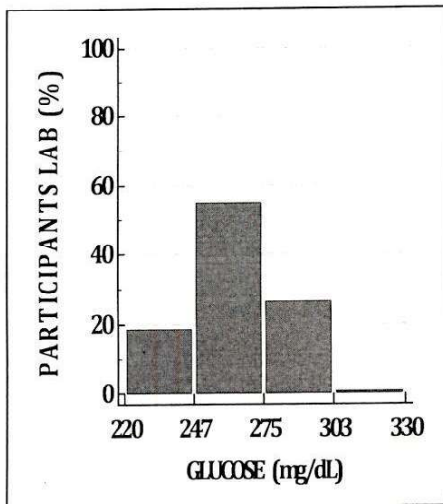


BIO-CHEMISTRY-01

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

