



RML – Quality Assurance Program (RML – QAP)



BIO-CHEMISTRY-02

ALL METHOD REPORT

Cycle - 11/2022

Round No - 7

Lab Code: 2553

Date: 01/08/2022

Parameters	Units	No.of. Participants	Group Mean	Standard deviation (SD)	Uncertainty of Assign Values	Range (± 2 SD)	Your Value	Standard Deviation Index (SDI)
Albumin	g/dL	227	4.0	0.2	0.02	3.6-4.5	4.1	0.3
Alkaline Phosphatase	U/L	217	181.0	37.4	3.18	106.1-255.8	164	-0.5
Bilirubin Total	mg/dL	226	1.5	0.2	0.02	1.1-1.9	1.4	-0.5
Calcium(Total)	mg/dL	194	8.8	0.7	0.06	7.5-10.1	8.4	-0.6
Cholesterol (Total)	mg/dL	221	167.6	22.3	1.88	122.9-212.3	150	-0.8
Creatinine	mg/dL	230	1.4	0.2	0.02	1.0-1.8	1.7	1.6
Glucose	mg/dL	231	105.7	10.1	0.83	85.6-125.8	96	-1.0
HDL	mg/dL	209	56.9	16.6	1.44	23.6-90.1	51.0	-0.4
Potassium	mEq/L	187	3.9	0.2	0.02	3.5-4.3	4.1	1.1
Protein (Total)	g/dl	222	5.8	0.4	0.03	5.1-6.5	5.9	0.3
Sodium	mEq/L	188	138.1	3.8	0.35	130.5-145.8	141	0.8
SGPT/ALT	U/L	225	30.4	4.0	0.33	22.5-38.3	26	-1.1
SGOT/AST	U/L	226	31.3	4.4	0.37	22.5-40.1	26	-1.2
Triglyceride	mg/dL	221	91.9	9.6	0.81	72.6-111.2	91	-0.1
Urea	mg/dL	229	43.6	3.9	0.32	35.9-51.4	42	-0.4
Uric Acid	mg/dl	225	5.7	0.5	0.04	4.7-6.8	5.8	0.1
Chloride	mEq/L	49	99.4	4.1	0.73	91.3-107.6	101	0.4
Phosphorus	mg/dL	45	4.4	0.2	0.04	4.0-4.9	4.5	0.3
Magnesium	mg/dl	19	2.2	0.3	0.08	1.6-2.7	.	-
Iron	μ g/dL	37	113.4	6.5	1.33	100.5-126.4	117	0.6
Amylase	U/L	30	76.5	9.9	2.25	56.8-96.3	.	-
CK	U/L	20	190.9	47.2	13.20	96.4-285.4	.	-

Interpretation of SDI:

SDI Value(+/-)	0 - 0.5	0.6 - 0.9	1.0 - 2.0	2.1 - 2.9	≥ 3
Interpretation	Excellent Performance	Good Performance	Acceptable Performance	Marginal Performance Need Improvement	Unacceptable Performance Needs Urgent action

Legends	(*) Excluded From Group	{ } Not Reported	(#) Late Result	(\$) Reported in
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Chief Coordinator

Dr. Sanjay Mehrotra

Checked By:

Prepared by: SS

Programme Director

Dr. Bandana Mehrotra

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BIO-CHEMISTRY

METHOD WISE REPORT

Cycle - 11/2022

Round No - 7

Date: 01/08/2022

Lab Code: 2553

Note: @ Parameters are not part of Method Group

Parameters	Units	Method Group	No.of. Participants in Group	Method Wise Group Mean	Method Wise Standard deviation (SD)	Method Wise Uncertainty of Assign Values	Method Wise Range (± 2 SD)	Your Value	Method Wise Standard Deviation Index (SDI)
Albumin	g/dL	Bromocresal Green (BCG)	89	4.0	0.2	0.03	3.6-4.4	4.1	0.4
Alkaline Phosphatase	U/L	PNPP, AMP Buffer	58	175.4	28.2	4.63	119.0-231.8	164	-0.4
Bilirubin Total	mg/dL	Diazonium Ion	50	1.5	0.2	0.03	1.1-1.9	1.4	-0.5
Calcium(Total)	mg/dL	Arsenazo iii	51	9.0	0.8	0.14	7.4-10.5	8.4	-0.7
Cholesterol (Total)@	mg/dL	Cholesterol Oxidase,esterase, peroxidase	58	175.1	21.2	3.47	132.8-217.4	.	-
Creatinine @	mg/dL	Enzymatic	35	1.4	0.2	0.03	1.1-1.7	.	-
Glucose @	mg/dL	Glucose oxidase,hydrogen peroxide(Trinder)	40	108.1	10.2	2.02	87.7-128.6	.	-
HDL @	mg/dL	Direct measure-PEG	25	58.6	24.0	5.99	10.7-106.6	.	-
Potassium @	mEq/L	ISE Direct	61	3.8	0.2	0.03	3.5-4.1	.	-
Protein (Total) @	g/dl	Biuret, reagent blank, end point	34	5.7	0.4	0.09	4.8-6.5	.	-
Sodium @	mEq/L	ISE Direct	62	137.7	4.2	0.67	129.2-146.2	.	-
SGPT/ALT	U/L	UV without P5P	34	29.9	3.9	0.83	22.2-37.6	26	-1.0
SGOT/AST	U/L	UV without P5P	34	29.4	3.1	0.66	23.3-35.5	26	-1.1
Triglyceride	mg/dL	Enzymatic, end point	39	91.5	7.9	1.57	75.8-107.2	91	-0.1
Urea @	mg/dL	Urease, UV	46	43.5	3.5	0.65	36.5-50.6	.	-
Uric Acid @	mg/dl	Uricase, Colorimetric	60	5.7	0.5	0.09	4.6-6.7	.	-

Interpretation of SDI:

SDI Value(+/-)	0 - 0.5	0.6 - 0.9	1.0 - 2.0	2.1 - 2.9	≥ 3
Interpretation	Excellent Performance	Good Performance	Acceptable Performance	Marginal Performance Need Improvement	Unacceptable Performance Needs Urgent action

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: SS

Programme Director

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BIO-CHEMISTRY

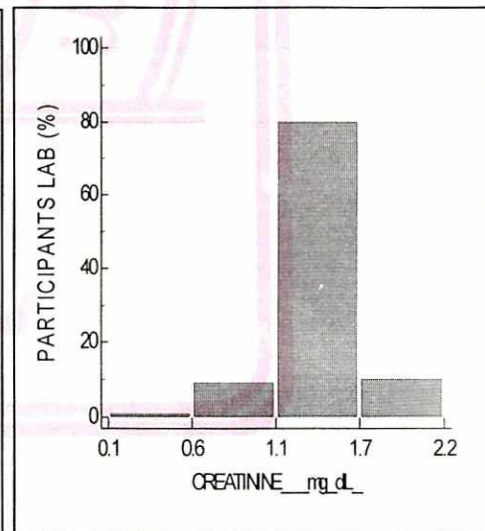
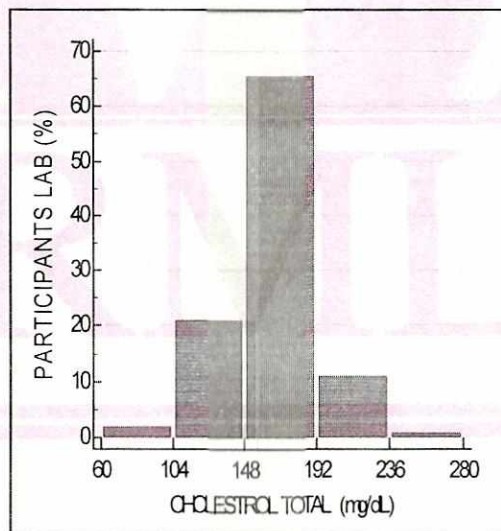
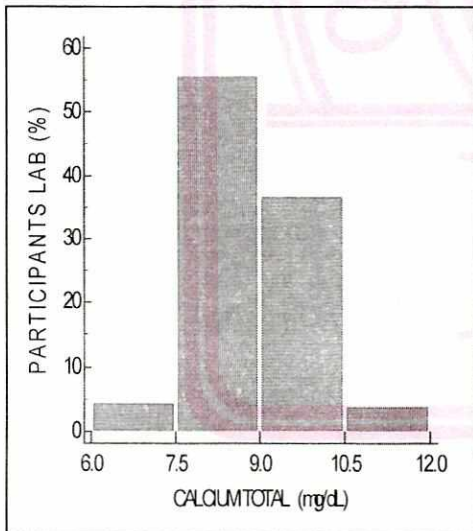
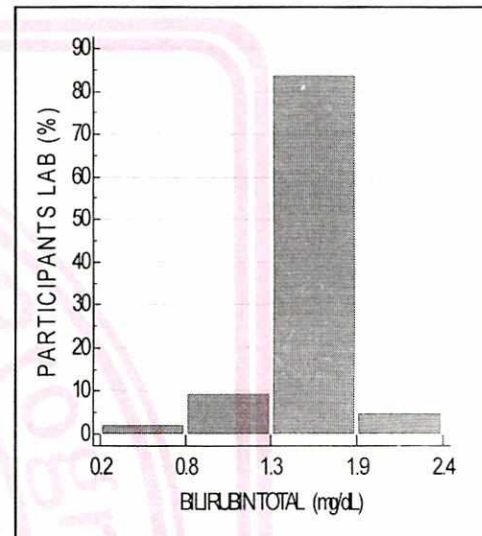
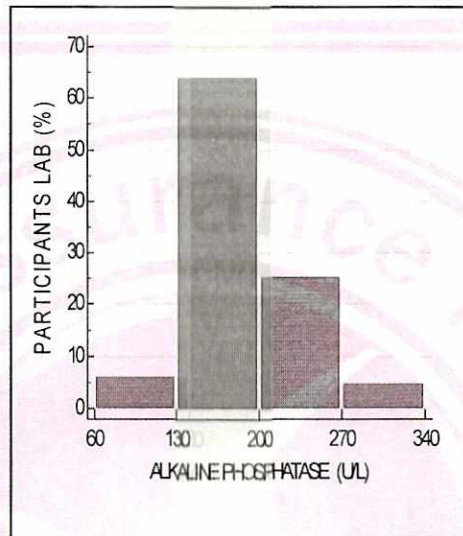
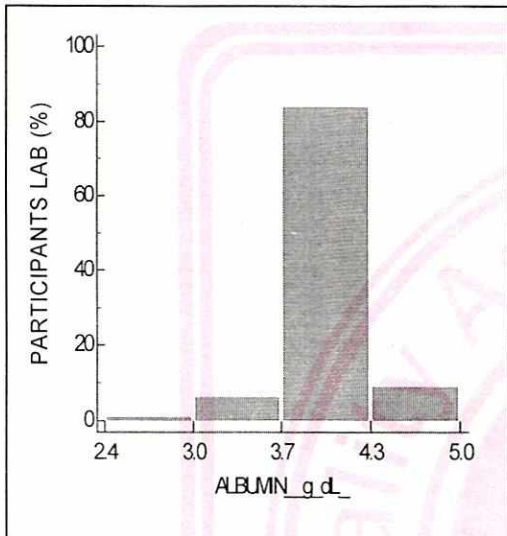


GRAPHICAL REPORT

Cycle - 11/2022

Round-7

Date:01/08/2022



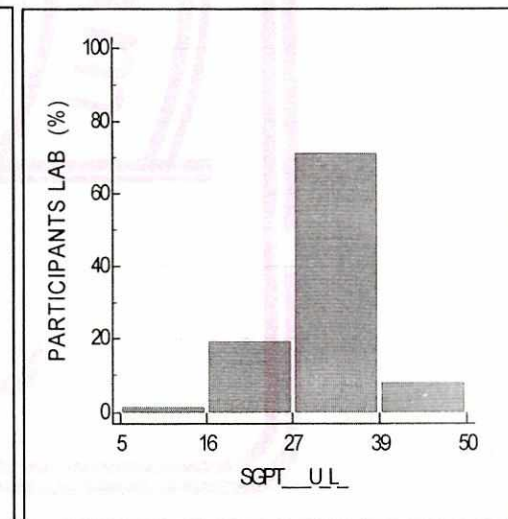
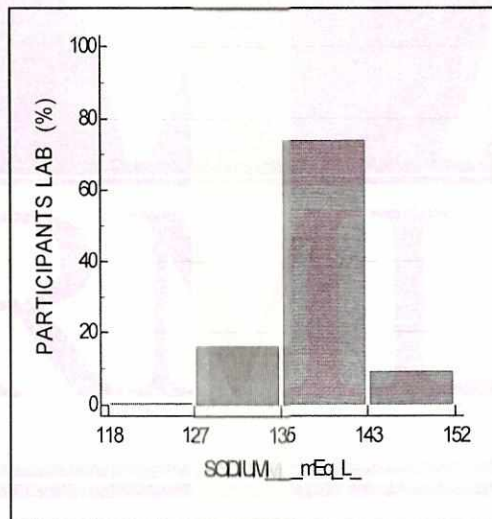
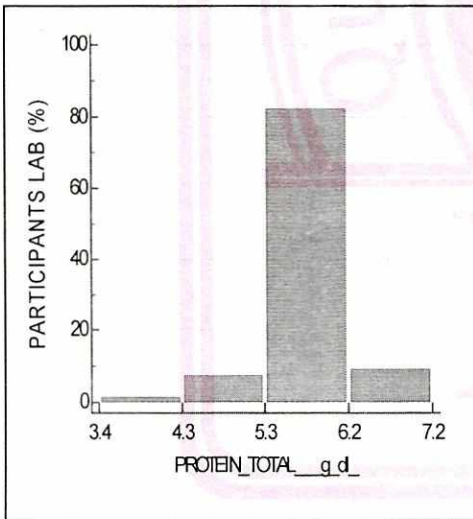
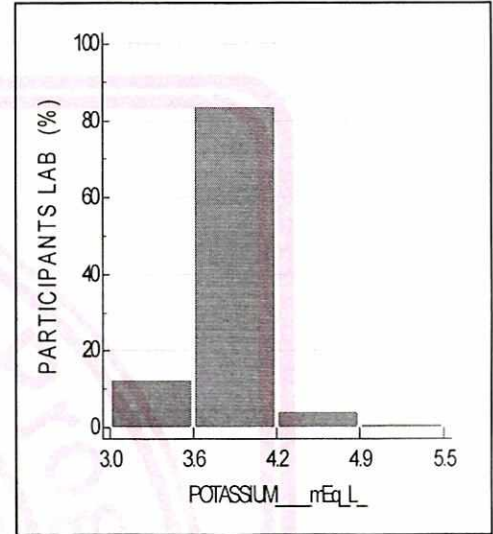
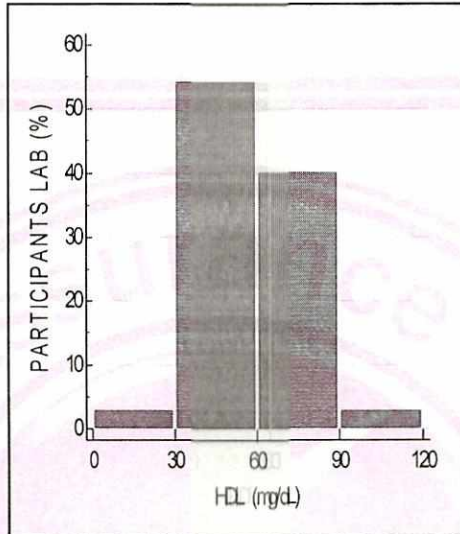
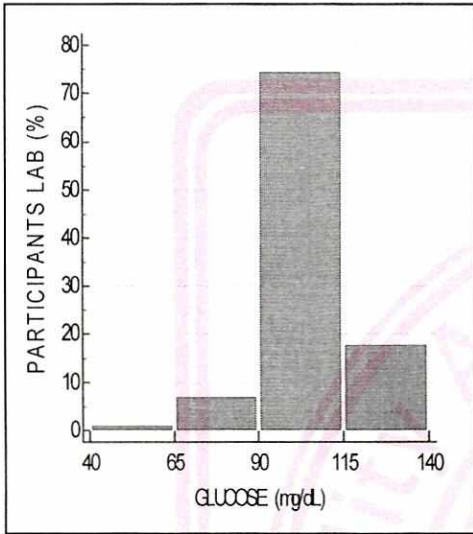


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GRAPHICAL REPORT

Cycle - 11/2022
Round-7

Date:01/08/2022



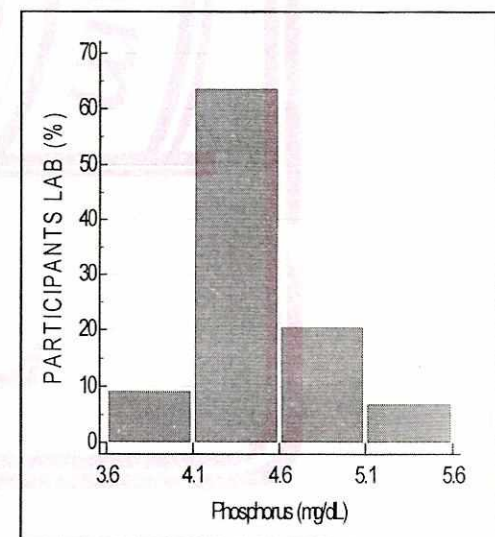
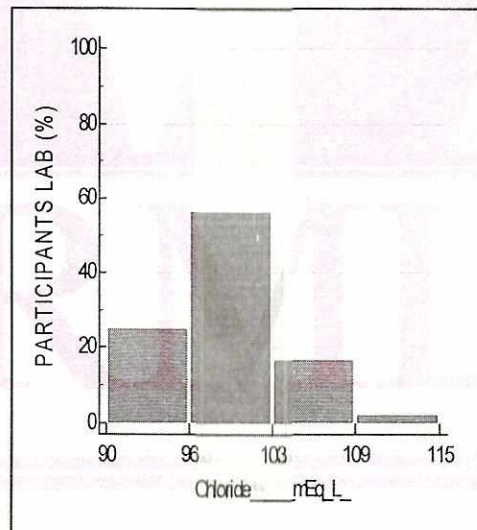
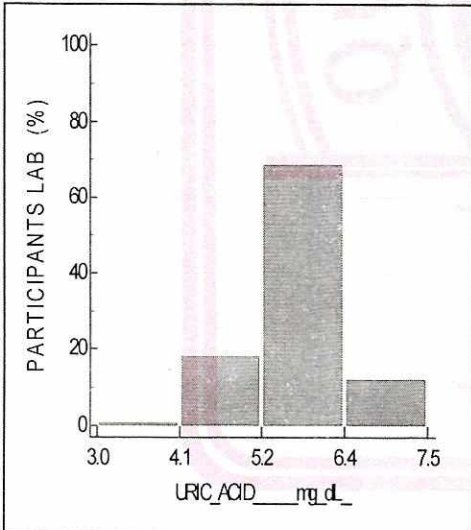
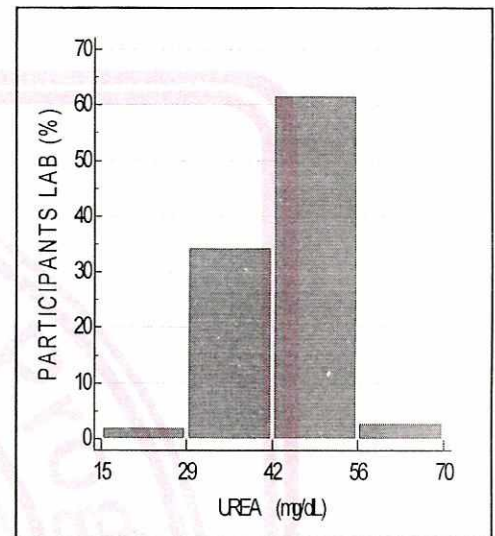
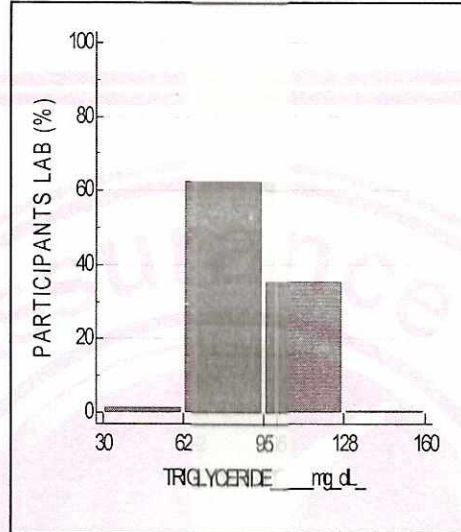
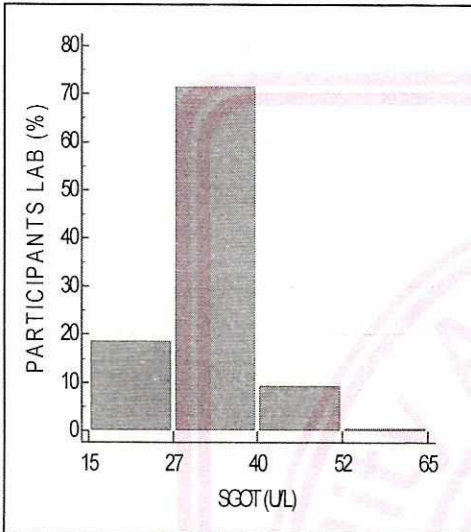
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GRAPHICAL REPORT

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Round-7

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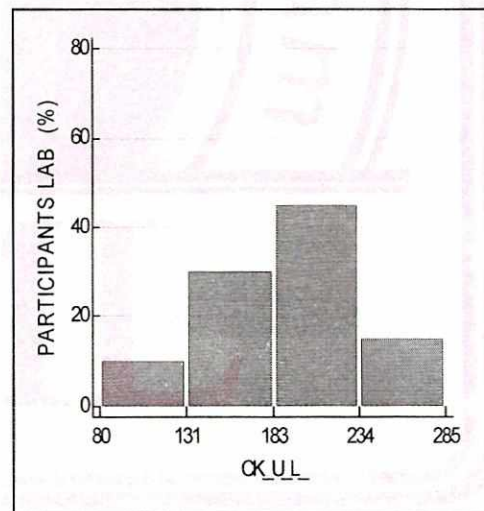
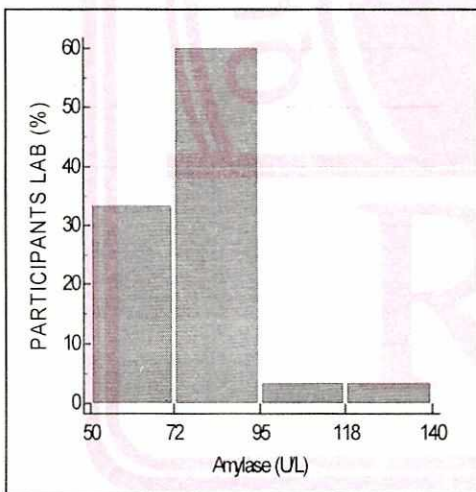
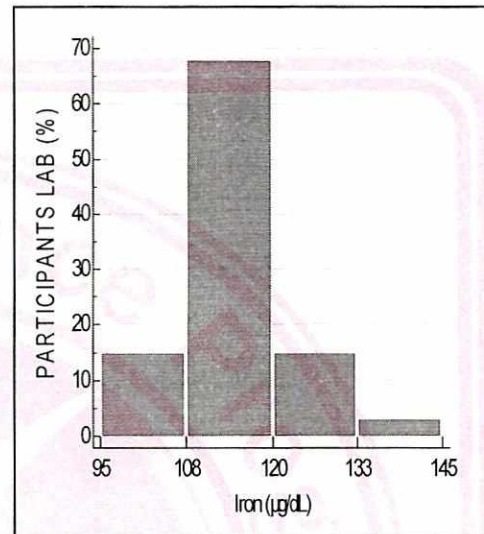
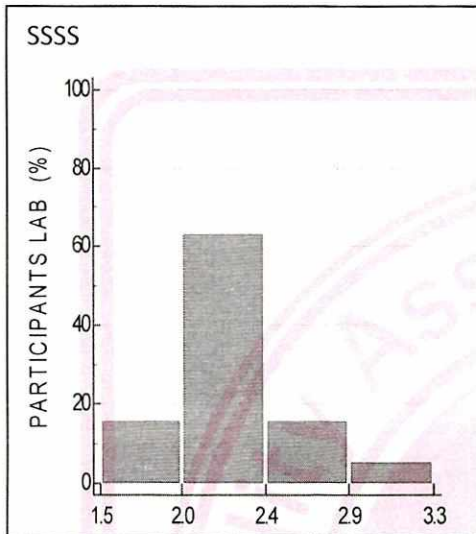
BIO-CHEMISTRY

GRAPHICAL REPORT

Cycle - 11/2022

Round-7

Date:01/08/2022





Biochemistry

ALL PARTICIPANTS COMPLETE DATA REPORT

Cycle - 11/2022

Round No -7

Date: 01/08/2022

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 Group Mean	No. of Participants SDI b/w 0.0 - 2	No. of Participants SDI b/w 2.1 - 2.9	No. of Participants SDI >3
Albumin	251	227	6	205	11	11
Alkaline Phosphatase	251	217	3	200	7	10
Bilirubin Total	251	226	2	204	10	12
Calcium(Total)	251	196	9	172	10	14
Cholesterol (Total)	251	222	1	209	6	7
Creatinine	251	230	1	205	16	9
Glucose	251	231	1	213	10	8
HDL	251	210	0	200	7	3
Potassium	251	187	5	170	8	9
Protien (Total)	251	222	7	199	9	14
Sodium	251	189	4	171	11	7
SGPT/ALT	251	225	2	196	16	13
SGOT/AST	251	226	1	201	11	14
Triglyceride	251	222	2	205	10	7
Urea	251	229	3	202	8	19
Uric Acid	251	227	10	195	15	17

End of Report

