



RML – Quality Assurance Program (RML – QAP)



BIO-CHEMISTRY-02

ALL METHOD REPORT

Cycle - 11/2022

Round No - 4

Date: 30/04/2022

Lab Code: 2491

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	190	4.0	0.3	0.02	3.5-4.6	3.9	-0.5
Alkaline Phosphatase	U/L	182	182.7	44.6	4.13	93.6-271.8	184	0.0
Bilirubin Total	mg/dL	192	1.5	0.2	0.02	1.1-1.9	1.6	0.5
Calcium(Total)	mg/dL	166	9.0	0.7	0.07	7.6-10.4	9.1	0.2
Cholesterol (Total)	mg/dL	185	172.4	20.4	1.88	131.6-213.3	148	-1.2
Creatinine	mg/dL	193	1.4	0.2	0.02	1.0-1.8	1.4	0.2
Glucose	mg/dL	194	109.2	9.4	0.84	90.4-128	96	-1.4
HDL	mg/dL	177	61.1	17.0	1.60	27.1-95.1	45.8	-0.9
Potassium	mEq/L	165	3.9	0.2	0.02	3.5-4.2	3.8	-0.4
Protein (Total)	g/dl	188	5.8	0.4	0.04	4.9-6.7	5.8	0.0
Sodium	mEq/L	164	138.8	4.4	0.42	130.1-147.5	137	-0.4
SGPT/ALT	U/L	191	30.8	4.6	0.41	21.7-39.9	27	-0.8
SGOT/AST	U/L	191	31.9	4.6	0.42	22.7-41.1	28	-0.8
Triglyceride	mg/dL	186	92.5	8.7	0.80	75.1-109.9	97	0.5
Urea	mg/dL	194	44.0	5.3	0.48	33.5-54.5	43	-0.2
Uric Acid	mg/dl	192	5.7	0.6	0.06	4.5-7.0	6.1	0.6
Chloride	mEq/L	41	99.5	5.0	0.98	89.5-109.6	96	-0.7
Phosphorus	mg/dL	41	4.5	0.4	0.07	3.7-5.4	4.5	0.0
Magnesium	mg/dl	19	2.2	0.2	0.07	1.7-2.6	.	-
Iron	µg/dL	32	115.1	15.7	3.48	83.6-146.6	158	2.7
Amylase	U/L	33	74.6	13.2	2.88	48.1-101.0	.	-
CK	U/L	21	189.4	44.8	12.22	99.8-279.0	.	-

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	

Chief Coordinator

Dr.Sanjay Mehrotra

Checked By:

Prepared by: SV

Programme Director

Dr.Bandana Mehrotra

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Continuous Efforts And Execution Leads To Quality Excellence



BIO-CHEMISTRY

METHOD WISE REPORT

Cycle - 11/2022

Round No - 4

Date: 30/04/2022

Lab Code:2491

Note: Your Lab is not the part of this 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	Bromocresol Green (BCG)	81	4.0	0.3	0.04	3.5-4.6	-	-
Alkaline Phosphatase	U/L	PNPP, AMP Buffer	49	172.1	32.1	5.73	108.0-236.2	-	-
Bilirubin Total	mg/dL	Diazonium Ion	49	1.5	0.2	0.04	1.1-2.0	-	-
Calcium(Total)	mg/dL	Arsenazo iii	42	9.2	0.7	0.14	7.9-10.6	-	-
Cholesterol (Total)	mg/dL	Cholestrol Oxidase,esterase, peroxidase	57	177.3	16.6	2.75	144.2-210.4	-	-
Creatinine	mg/dL	Enzymatic	32	1.3	0.2	0.04	0.9-1.7	-	-
Glucose	mg/dL	Glucose oxidase,hydrogen peroxide(Trinder)	38	111.2	9.0	1.82	93.1-129.2	-	-
HDL	mg/dL	Direct measure-PEG	22	63.1	25.3	6.74	12.6-113.6	-	-
Potassium	mEq/L	ISE Direct	55	3.8	0.2	0.03	3.5-4.1	-	-
Protein (Total)	g/dl	Biuret, reagent blank, end point	26	5.6	0.5	0.12	4.6-6.6	-	-
Sodium	mEq/L	ISE Direct	56	137.5	4.3	0.72	128.9-146.1	-	-
SGPT/ALT	U/L	UV without PSP	29	31.0	4.9	1.14	21.2-40.8	-	-
SGOT/AST	U/L	UV without PSP	29	31.3	4.5	1.04	22.3-40.3	-	-
Triglyceride	mg/dL	Enzymatic, end point	33	90.5	9.1	1.98	72.3-108.8	-	-
Urea	mg/dL	Urease, UV	42	43.7	6.0	1.16	31.6-55.7	-	-
Uric Acid	mg/dl	Uricase, Colorimetric	53	5.7	0.6	0.10	4.5-6.9	-	-

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: SV

Programme Director

Dr.Bandana Mehrotra

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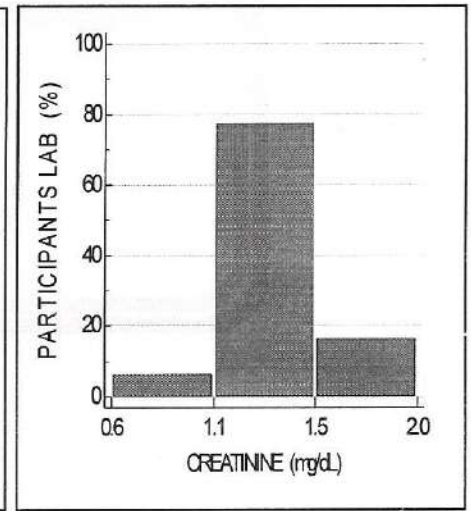
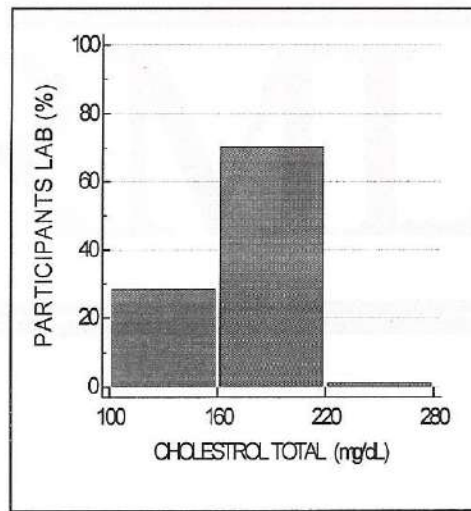
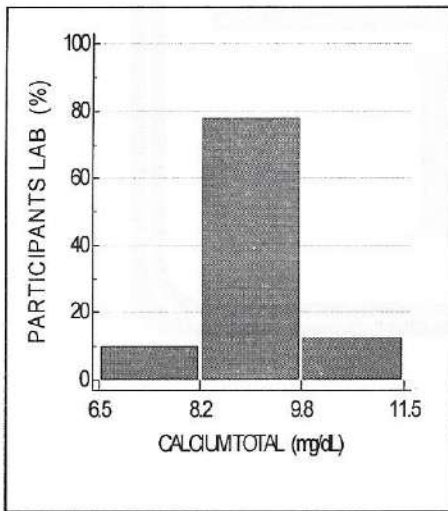
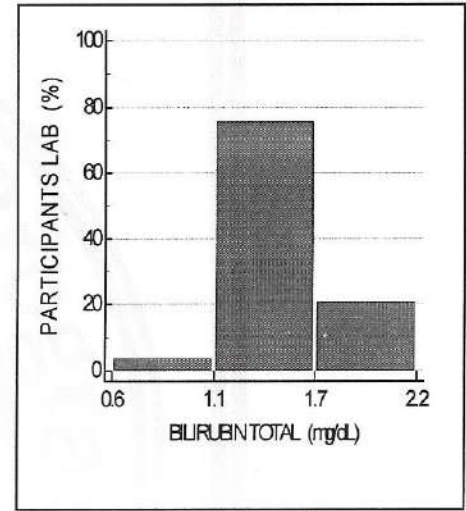
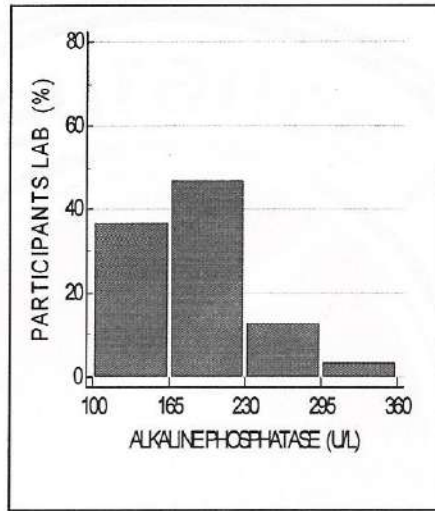
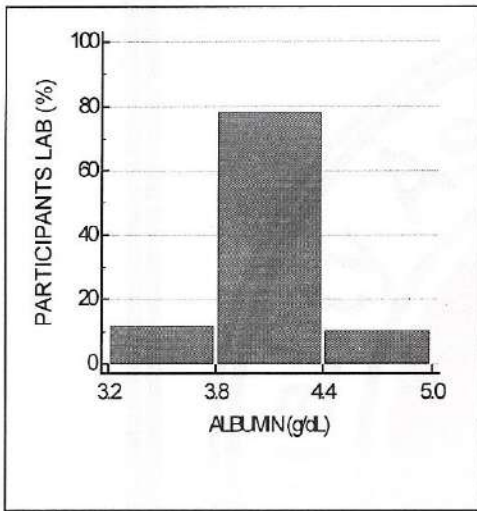




BIO-CHEMISTRY
GRAPHICAL REPORT

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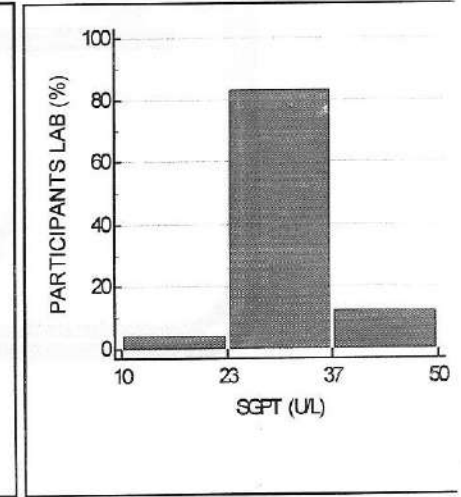
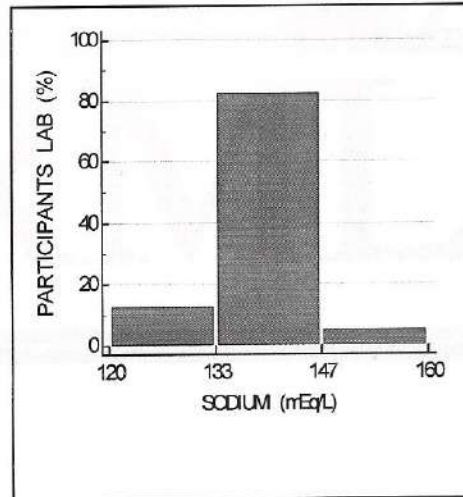
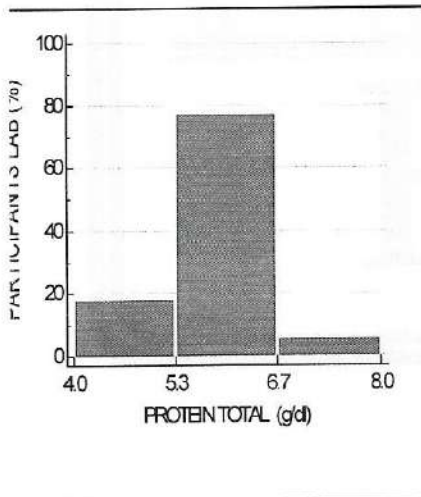
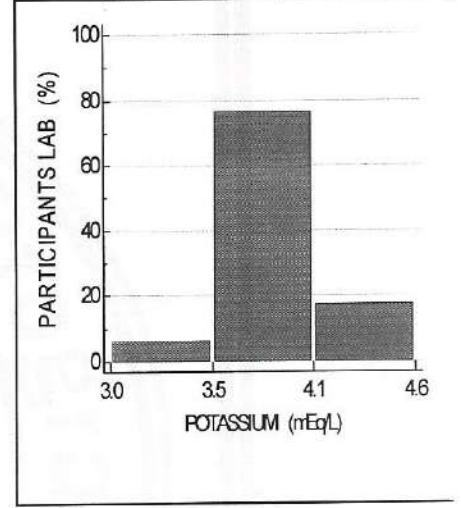
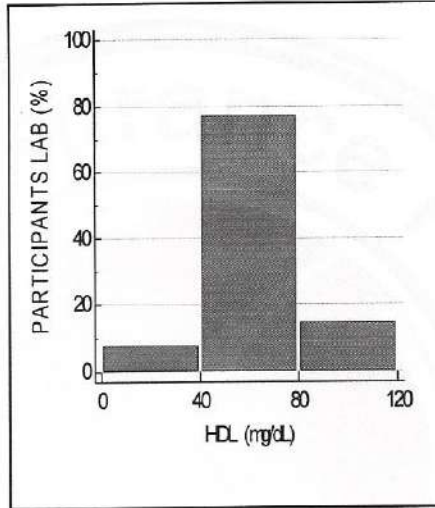
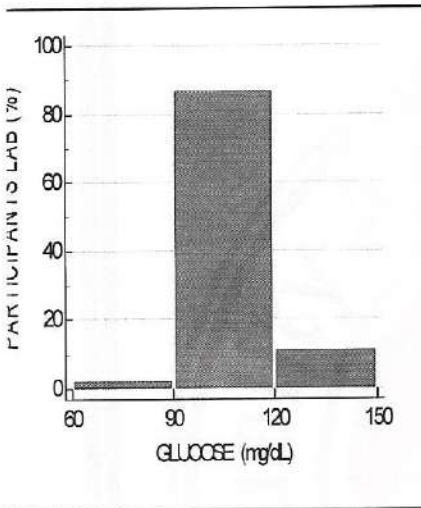


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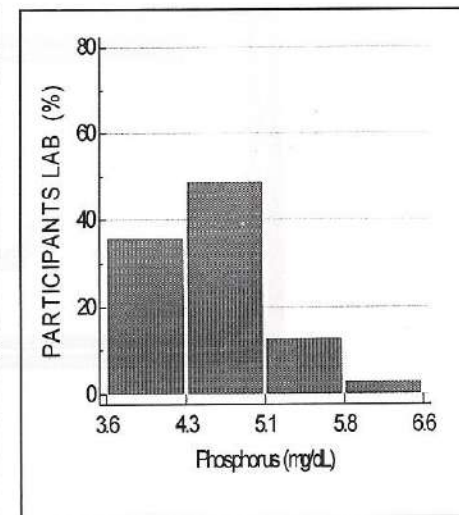
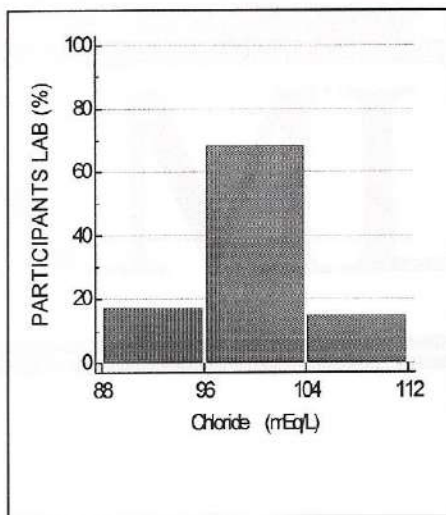
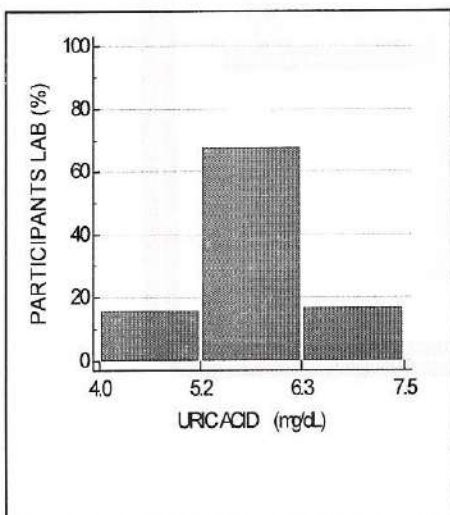
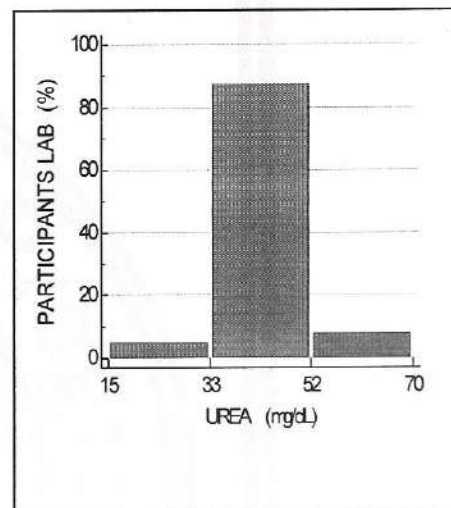
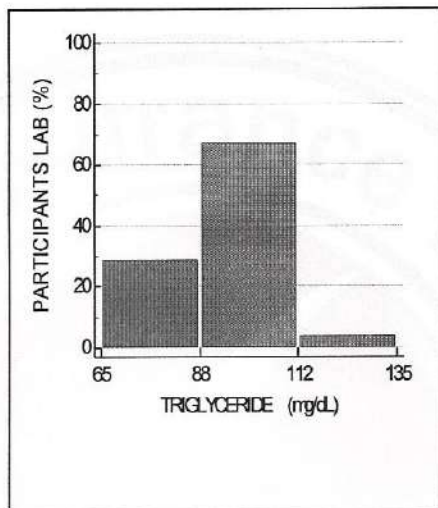
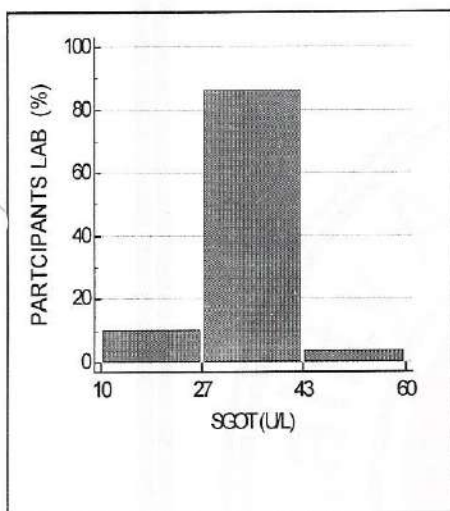




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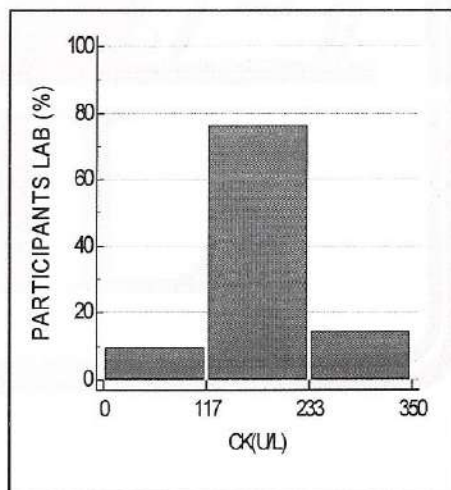
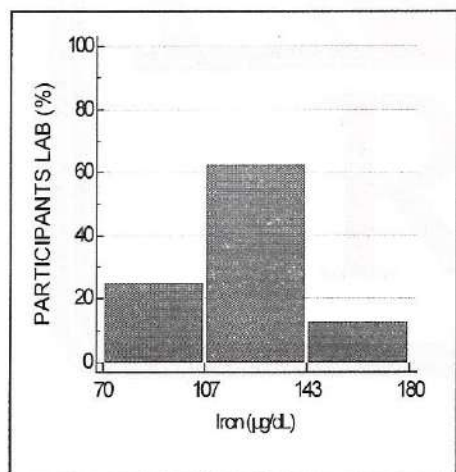
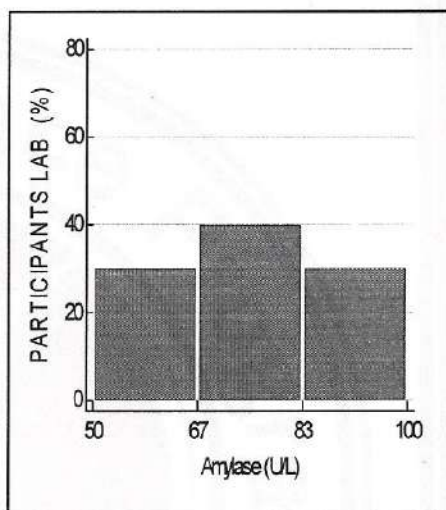
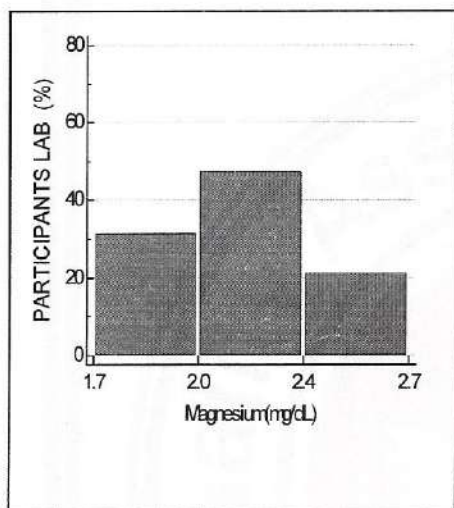




BIO-CHEMISTRY
GRAPHICAL REPORT

Cycle - 11/2022
Round-4

Date:30/04/2022





Biochemistry

ALL PARTICIPANTS COMPLETE DATA REPORT

Cycle - 11/2022
Round No -4

Date: 30/04/2022

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	209	190	4	167	17	6
Alkaline Phosphatase	209	182	3	165	7	10
Bilirubin Total	209	192	3	176	9	7
Calcium(Total)	209	166	4	149	9	8
Cholesterol (Total)	209	185	3	176	1	8
Creatinine	209	193	3	178	9	6
Glucose	209	194	3	181	6	7
HDL	209	177	1	167	8	2
Potassium	209	165	3	131	8	26
Protien (Total)	209	188	6	128	9	51
Sodium	209	164	5	127	10	27
SGPT/ALT	209	191	5	155	11	25
SGOT/AST	209	191	4	147	16	28
Triglyceride	209	186	5	147	11	28
Urea	209	194	3	174	6	14
Uric Acid	209	192	7	173	12	7

****End of Report****

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