

VIEW LAB MONTHLY SUMMARY

Lab Name **MANJERI CLINICAL LABORATORY AND IDEAL X-RAYS**
 Lab No **2139**
 Month **July**
 Year **2021**
 Constituent Group **Chemistry I**

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Date of Result Entered : 20/07/2021

Date of Report Published : 02/08/2021

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	GOD-POD	Any Analyser (Automation / Semi Automation)	704	100.34	9.43	9.46	109 mg/dl	0.92	0.71
2	UREA	Others (Urease Berthelot / Ned Dye)	Any Analyser (Automation / Semi Automation)	192	133.95	13.52	18.10	136 mg/dl	0.11	2.61
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Any Analyser (Automation / Semi Automation)	482	7.60	12.25	0.93	6.75 mg/dl	-0.91	0.08
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Any Analyser (Automation / Semi Automation)	568	5.80	13.03	0.76	5.86 mg/dl	0.08	0.06
5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation)	691	5.29	11.14	0.59	5 g/dl	-0.49	0.04
6	ALBUMIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation)	671	3.21	9.25	0.30	3.1 g/dl	-0.37	0.02
7	CALCIUM	Arsenazo III	Any Analyser (Automation / Semi Automation)	476	10.29	7.90	0.81	9.82 mg/dl	-0.58	0.07
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Any Analyser (Automation / Semi Automation)	319	6.39	12.37	0.79	5.54 mg/dl	-1.08	0.09
9	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation)	672	8.84	13.24	1.17	9.2 mg/dl	0.31	0.09
10	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation)	678	107.24	11.24	12.06	87 mg/dl	-1.68	0.93
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation)	635	220.96	11.08	24.48	165.6 mg/dl	-2.26	1.94
12	HDL CHO	Direct method / Enzymatic colorimetric	Any Analyser (Automation / Semi Automation)	456	27.11	18.80	5.10	26.5 mg/dl	-0.12	0.48
13	SODIUM	ISE - Indirect	Any Analyser	612	142.90	3.27	4.67	137.5 mmol/L	-1.16	0.38
14	POTASSIUM	ISE - Indirect	Any Analyser	608	3.58	4.85	0.17	3.4 mmol/L	-1.03	0.01
15	CHLORIDE	ISE - Indirect	Any Analyser	441	102.16	4.41	4.51	91.8 mmol/L	-2.30	0.43
16	BICARBONATE	Enzymatic - PEPC (Phosphoenolpyruvate)	Any Analyser (Automation / Semi Automation)	150	24.80	14.37	3.56	21.84 mmol/L	-0.83	0.58
17	AST	UV kinetic with PLP (P-5-P)	Any Analyser (Automation / Semi Automation)	630	108.24	17.71	19.17	99.5 U/L	-0.46	1.53
18	ALT	UV kinetic with PLP (P-5-P)	Any Analyser (Automation / Semi Automation)	447	35.74	18.78	6.71	25.63 U/L	-1.51	0.63
19	ALP	PNP DEA kinetic	Any Analyser (Automation / Semi Automation)	232	179.01	19.74	35.33	189.24 U/L	0.29	4.64
20	AMYLASE	CNPG3	Any Analyser (Automation / Semi Automation)	393	111.19	17.02	18.93	104.13 U/L	-0.37	1.91
21	IRON	Ferro Zine (No Protein Removal)	Any Analyser (Automation / Semi Automation)	49	182.56	9.98	18.22	179 ug/dl	-0.20	5.21
22	MAGNESIUM	Others (Any other principles / Methods)	Any Analyser (Automation / Semi Automation)	107	3.27	19.48	0.64	2.26 mg/dl	-1.59	0.12

SDI Range	Interpretation
Within -1.00 to +1.00	Excellent.
Within ±1.01 to ±2.00	Good.
Within ±2.01 to ±2.99	Accept with caution. Warning Signal.
Beyond ±3.0	Unacceptable performance. Action Signal.

Links

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Sl.No	Analyte	Corrective action taken	Observed Value After Corrective action taken	Remarks
1.	Triglyceride	Calibrated	810.04 -1SD	✓
2	Chloride	Calibrated	97.02 -1SD	✓

LAB MONTHLY SUMMARY



Lab Name **MANJERI CLINICAL LABORATORY AND IDEAL X-RAYS** Lab No **2139**
 Month **November** Year **2021**
 Constituent Group **Chemistry I**



Date of Result Entered : 19/11/2021

Date of Report Published : 03/12/2021

Sl No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	GOD-POD	CPC (Turbochem 100 / 240 Prime	89	143.73	7.39	10.63	139.6 mg/dl	-0.39	2.25
2	UREA	Urease UV / GLDH	CPC (Turbochem 100 / 240 Prime	73	164.49	10.15	16.69	165.4 mg/dl	0.05	3.91
3	CREATININE	Jaffes Kinetic - Alkaline picrate	CPC (Turbochem 100 / 240 Prime	63	3.54	10.12	0.36	3.1 mg/dl	-1.23	0.09
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	CPC (Turbochem 100 / 240 Prime	73	3.75	11.34	0.42	4 mg/dl	0.59	0.10
5	T-PROTEIN	Biuret - Colorimetric	CPC (Turbochem 100 / 240 Prime	71	4.63	9.55	0.44	4.4 g/dl	-0.52	0.10
6	ALBUMIN	BCG - colorimetric	CPC (Turbochem 100 / 240 Prime	77	3.00	9.30	0.28	2.8 g/dl	-0.72	0.06
7	CALCIUM	OCPC (O - Cresolphalein Compleazone)	Any Analyser (Automation / Semi Automation)	178	9.44	9.35	0.88	7.58 mg/dl	-2.11	0.13
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	CPC (Turbochem 100 / 240 Prime	31	8.86	7.76	0.89	7.4 mg/dl	-2.15	0.25
9	URIC ACID	Enzymatic / Uricase Colorimetric	CPC (Turbochem 100 / 240 Prime	65	4.00	12.25	0.49	3 mg/dl	-2.04	0.12
10	CHOLESTEROL	CHOD-PAP	CPC (Turbochem 100 / 240 Prime	72	94.43	9.60	9.07	94.02 mg/dl	-0.05	2.14
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	CPC (Turbochem 100 / 240 Prime	79	125.31	13.19	16.53	106 mg/dl	-1.17	3.72
12	HDL CHO	Direct method / Enzymatic colorimetric	CPC (Turbochem 100 / 240 Prime	44	22.56	18.68	4.22	21.9 mg/dl	-0.16	1.27
13	SODIUM	ISE - Indirect	Any Analyser	584	126.95	3.50	4.45	123 mmol/L	-0.89	0.37
14	POTASSIUM	ISE - Indirect	Any Analyser	591	6.02	7.34	0.44	5.9 mmol/L	-0.27	0.04
15	CHLORIDE	ISE - Indirect	Any Analyser	423	92.87	5.04	4.68	86.7 mmol/L	-1.32	0.45
16	BICARBONATE	Enzymatic - PEPC (Phosphoenolpyruvate)	Any Analyser (Automation / Semi Automation)	143	20.86	14.61	3.05	21.13 mmol/L	0.09	0.51
17	AST	UV kinetic with PLP (P-S-P)	Any Analyser (Automation / Semi Automation)	630	60.30	13.29	8.02	58.6 U/L	-0.21	0.64
18	ALT	UV kinetic with PLP (P-S-P)	Any Analyser (Automation / Semi Automation)	573	117.94	16.65	19.63	119.6 U/L	0.08	1.64
19	ALP	PNP DEA kinetic	Any Analyser (Automation / Semi Automation)	239	292.73	18.96	55.50	224 U/L	-1.24	7.18
20	AMYLASE	CNPG3	Any Analyser (Automation / Semi Automation)	388	109.97	17.47	19.21	90.5 U/L	-1.01	1.95
21	IRON	Ferro Zine (No Protein Removal)	Any Analyser (Automation / Semi Automation)	50	102.67	11.73	12.05	86.95 ug/dl	-1.30	3.41
22	MAGNESIUM	Others (Any other principles / Methods)	Any Analyser (Automation / Semi Automation)	92	3.17	14.25	0.45	3.35 mg/dl	0.40	0.09

SDI Range	Interpretation
Within -1.00 to +1.00	Excellent.
Within ±1.01 to ±2.00	Good.
Within ±2.01 to ±2.99	Accept with caution. Warning Signal.
Beyond ±3.0	Unacceptable performance. Action Signal.

Homogeneity and Stability of the sample is passed.

Data in CMC EQAS reports is confidential
 Contact details:
 Email: ctingc@cmcvellore.ac.in
 Contact Number: 0416-2283192

Pamela Christudoss

Dr. Pamela Christudoss
 CMC EQAS Co-Ordinator
 Christian Medical College, Vellore

***** End of Report *****

Sl.No	Analyte	Corrective action taken	Observed Value after corrective action taken	Remarks
1	Calcium	Calibrated	8.91 +1SD	✓
2	Phosphorus	Calibrated	8.3 -1SD	✓
3	Uric acid	Calibrated	3.9 +1SD.	✓

LAB RUN / ONLY SUMMARY



Lab Name **MANJERI CLINICAL LABORATORY AND IDEAL X-RAYS** Lab No **2139**
 Month **October** Year **2021**
 Constituent Group **Chemistry I**



Date of Result Entered : 20/10/2021

Date of Report Published : 01/11/2021

SL No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	GOD-POD	Any Analyser (Automation / Semi Automation)	702	315.06	8.56	27.03	298.6 mg/dl	-0.64	2.04
2	UREA	Others (Urease Berthelot / Ned Dye)	Any Analyser (Automation / Semi Automation)	196	44.22	11.73	5.19	45.45 mg/dl	0.24	0.74
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Any Analyser (Automation / Semi Automation)	486	1.13	13.39	0.15	1.08 mg/dl	-0.33	0.01
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendressik	Any Analyser (Automation / Semi Automation)	557	6.61	11.91	0.79	6.6 mg/dl	-0.01	0.07
5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation)	677	5.29	9.77	0.52	5.67 g/dl	0.74	0.04
6	ALBUMIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation)	657	3.27	8.41	0.28	3.36 g/dl	0.33	0.02
7	CALCIUM	Arsenazo III	Any Analyser (Automation / Semi Automation)	506	9.53	8.10	0.77	9.82 mg/dl	0.38	0.07
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Any Analyser (Automation / Semi Automation)	319	5.40	11.35	0.61	4.99 mg/dl	-0.67	0.07
9	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation)	681	5.40	16.16	0.87	4.01 mg/dl	-1.59	0.07
10	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation)	677	105.70	11.01	11.63	91 mg/dl	-1.26	0.89
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation)	597	97.58	14.69	14.34	183 mg/dl	5.96	1.17
12	HDL CHO	Direct method / Enzymatic colorimetric	Any Analyser (Automation / Semi Automation)	438	27.23	16.03	4.37	23.5 mg/dl	-0.85	0.42
13	SODIUM	ISE - Indirect	Any Analyser	586	135.29	3.10	4.19	132.6 mmol/L	-0.64	0.35
14	POTASSIUM	ISE - Indirect	Any Analyser	582	3.25	6.49	0.21	3.12 mmol/L	-0.62	0.02
15	CHLORIDE	ISE - Indirect	Any Analyser	418	106.58	5.08	5.42	111.4 mmol/L	0.89	0.53
16	BICARBONATE	Enzymatic - PEPC (Phosphoenolpyruvate)	Any Analyser (Automation / Semi Automation)	136	21.15	14.64	3.10	21.35 mmol/L	0.06	0.53
17	AST	UV kinetic with PLP (P-5-P)	Any Analyser (Automation / Semi Automation)	625	206.93	13.92	28.82	203.1 U/L	-0.13	2.31
18	ALT	UV kinetic with PLP (P-5-P)	Any Analyser (Automation / Semi Automation)	641	75.62	20.05	15.16	76.88 U/L	0.08	1.20
19	ALP	PNP DEA kinetic	Any Analyser (Automation / Semi Automation)	198	114.81	20.68	23.75	131.1 U/L	0.69	3.38
20	AMYLASE	CNPG3	Any Analyser (Automation / Semi Automation)	407	125.52	17.70	22.21	109.27 U/L	-0.73	2.20
21	IRON	Ferro Zine (No Protein Removal)	Any Analyser (Automation / Semi Automation)	51	186.23	8.19	15.25	189.69 ug/dl	0.23	4.27
22	MAGNESIUM	Others (Any other principles / Methods)	Any Analyser (Automation / Semi Automation)	112	1.62	19.57	0.36	2.15 mg/dl	0.92	0.07

SDI Range	Interpretation
Within -1.00 to +1.00	Excellent.
Within ±1.01 to ±2.00	Good.
Within ±2.01 to ±2.99	Accept with caution. Warning Signal.
Beyond ±3.0	Unacceptable performance. Action Signal.

Homogeneity and Stability of the sample is passed.

Data in CMC EQAS reports is confidential
 Contact details:
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Pamela Christudoss

Dr. Pamela Christudoss
 CMC EQAS Co-Ordinator
 Christian Medical College, Vellore

***** End of Report *****

Remarks

Sl.No	Analyte	corrective action taken	observed value after corrective action taken	Remarks
1-	Trigly cereals	calibrated	-1SD 107.01	<i>Handwritten signature</i>

LAB MONTHLY SUMMARY



Lab Name **MANJERI CLINICAL LABORATORY AND IDEAL X-RAYS** Lab No **2139**
 Month **December** Year **2021**
 Constituent Group **Chemistry I**



Date of Result Entered : 18/12/2021

Date of Report Published : 03/01/2022

Sl No	Analyte	Method / Principle Name	Analyzer Name	No. of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	GOD-POD	CPC (Turbochem 100 / 240 Prime	85	190.34	9.92	18.88	190.6 mg/dl	0.01	4.09
2	UREA	Urease UV / GLDH	CPC (Turbochem 100 / 240 Prime	73	88.46	8.88	7.85	78.7 mg/dl	-1.25	1.84
3	CREATININE	Jaffes Kinetic - Alkaline picrate	CPC (Turbochem 100 / 240 Prime	63	6.64	11.09	0.74	7.2 mg/dl	0.76	0.19
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	CPC (Turbochem 100 / 240 Prime	78	2.35	12.18	0.29	2.3 mg/dl	-0.17	0.06
5	T-PROTEIN	Biuret - Colorimetric	CPC (Turbochem 100 / 240 Prime	74	5.20	11.83	0.62	4.7 g/dl	-0.81	0.14
6	ALBUMIN	BCG - colorimetric	CPC (Turbochem 100 / 240 Prime	76	3.23	7.84	0.25	3 g/dl	-0.91	0.06
7	CALCIUM	OCPC (O - Cresolphalein Complexone)	Any Analyser (Automation / Semi Automation)	185	10.47	9.94	1.04	9.72 mg/dl	-0.72	0.15
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	CPC (Turbochem 100 / 240 Prime	35	4.80	10.67	0.51	4.58 mg/dl	-0.43	0.17
9	URIC ACID	Enzymatic / Uricase Colorimetric	CPC (Turbochem 100 / 240 Prime	72	8.90	9.63	0.86	9 mg/dl	0.12	0.20
10	CHOLESTEROL	CHOD-PAP	CPC (Turbochem 100 / 240 Prime	72	105.97	8.62	9.14	105.66 mg/dl	-0.03	2.15
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	CPC (Turbochem 100 / 240 Prime	74	207.51	9.25	19.20	182.05 mg/dl	-1.33	4.46
12	HDL CHO	Direct method / Enzymatic colorimetric	CPC (Turbochem 100 / 240 Prime	37	24.47	13.91	3.40	19.2 mg/dl	-1.55	1.12
13	SODIUM	ISE - Indirect	Any Analyser	559	141.48	2.83	4.01	137.7 mmol/L	-0.94	0.34
14	POTASSIUM	ISE - Indirect	Any Analyser	590	3.34	5.61	0.19	3.26 mmol/L	-0.43	0.02
15	CHLORIDE	ISE - Indirect	Any Analyser	405	107.38	3.84	4.12	103.6 mmol/L	-0.92	0.41
16	BICARBONATE	Enzymatic - PEPC (Phosphoenolpyruvate)	Any Analyser (Automation / Semi Automation)	134	22.91	10.78	2.47	20.97 mmol/L	-0.79	0.43
17	AST	UV kinetic with PLP (P-5-P)	Any Analyser (Automation / Semi Automation)	629	89.46	12.82	11.47	84.7 U/L	-0.42	0.91
18	ALT	UV kinetic with PLP (P-5-P)	Any Analyser (Automation / Semi Automation)	621	54.20	19.44	10.53	53.1 U/L	-0.10	0.85
19	ALP	PNP DEA kinetic	Any Analyser (Automation / Semi Automation)	262	251.50	17.44	43.85	161 U/L	-2.06	5.42
20	AMYLASE	CNPG3	Any Analyser (Automation / Semi Automation)	411	55.93	18.85	10.54	52.58 U/L	-0.32	1.04
21	IRON	Ferro Zine (No Protein Removal)	Any Analyser (Automation / Semi Automation)	46	89.69	12.90	11.57	95.2 ug/dl	0.48	3.41

SDI Range	Interpretation
Within -1.00 to +1.00	Excellent.
Within ±1.01 to ±2.00	Good.
Within ±2.01 to ±2.99	Accept with caution. Warning Signal.
Beyond ±3.0	Unacceptable performance. Action Signal.

Homogeneity and Stability of the sample is passed.

Data in CMC EQAS reports is confidential
 Contact details:
 Email: cllnqc@cmcvellore.ac.in
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Pamela Christudoss
 Dr. Pamela Christudoss
 CMC EQAS Co-Ordinator
 Christian Medical College, Vellore

***** End of Report *****

Sl.No.	Analyte	Corrective action taken	observed value after corrective action taken	Remarks
1.	ALP	calibrated	230.01 -1SD	

LAB MONTHLY SUMMARY



Lab Name **MANJERI CLINICAL LABORATORY AND IDEAL X-RAYS** Lab No **2139**
 Month **September** Year **2021**
 Constituent Group **Chemistry I**



Date of Result Entered : 20/09/2021

Date of Report Published : 05/10/2021

Sl.No	Analyte	Method / Principle Name	Analyser Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	GOD-POD	Any Analyser (Automation / Semi Automation)	709	81.33	9.78	7.96	76.98 mg/dl	-0.55	0.60
2	UREA	Others (Urease Berthelot / Ned Dye)	Any Analyser (Automation / Semi Automation)	191	91.66	10.30	9.44	82.84 mg/dl	-0.93	1.37
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Any Analyser (Automation / Semi Automation)	479	7.01	11.04	0.77	6.19 mg/dl	-1.06	0.07
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Any Analyser (Automation / Semi Automation)	541	1.75	16.28	0.28	1.9 mg/dl	0.53	0.02
5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation)	666	5.37	9.63	0.52	5.21 g/dl	-0.31	0.04
6	ALBUMIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation)	661	3.31	8.84	0.29	3.36 g/dl	0.17	0.02
7	CALCIUM	Arsenazo III	Any Analyser (Automation / Semi Automation)	504	8.67	9.82	0.85	7.56 mg/dl	-1.30	0.08
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Any Analyser (Automation / Semi Automation)	351	3.35	17.69	0.59	2.88 mg/dl	-0.79	0.06
9	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation)	633	7.81	11.90	0.93	8.27 mg/dl	0.49	0.07
10	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation)	667	111.25	8.59	9.55	80.16 mg/dl	-3.25	0.74
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation)	615	245.32	10.30	25.26	247 mg/dl	0.07	2.04
12	HDL CHO	Direct method / Enzymatic colorimetric	Any Analyser (Automation / Semi Automation)	443	27.77	16.06	4.46	20.63 mg/dl	-1.60	0.42
13	SODIUM	ISE - Indirect	Any Analyser	601	128.04	3.61	4.63	120.3 mmol/L	-1.67	0.38
14	POTASSIUM	ISE - Indirect	Any Analyser	601	5.28	5.89	0.31	5.06 mmol/L	-0.71	0.03
15	CHLORIDE	ISE - Indirect	Any Analyser	427	103.70	4.45	4.62	96 mmol/L	-1.67	0.45
16	BICARBONATE	Enzymatic - PEPC (Phosphoenolpyruvate)	Any Analyser (Automation / Semi Automation)	120	15.81	27.99	4.42	21.51 mmol/L	1.29	0.81
17	AST	UV kinetic with PLP (P-S-P)	Any Analyser (Automation / Semi Automation)	655	87.31	12.32	10.75	81.96 U/L	-0.50	0.84
18	ALT	UV kinetic with PLP (P-S-P)	Any Analyser (Automation / Semi Automation)	580	256.58	17.53	44.99	192.59 U/L	-1.42	3.74
19	ALP	PNP DEA kinetic	Any Analyser (Automation / Semi Automation)	239	228.94	18.18	41.62	222.43 U/L	-0.16	5.38
20	AMYLASE	CNPG3	Any Analyser (Automation / Semi Automation)	390	73.03	16.72	12.21	62.19 U/L	-0.89	1.24
21	IRON	Ferro Zine (No Protein Removal)	Any Analyser (Automation / Semi Automation)	42	100.29	11.23	11.27	82.68 ug/dl	-1.56	3.48
22	MAGNESIUM	Others (Any other principles / Methods)	Any Analyser (Automation / Semi Automation)	120	2.32	14.75	0.34	2.06 mg/dl	-0.76	0.06

SDI Range	Interpretation
Within -1.00 to +1.00	Excellent.
Within ±1.01 to ±2.00	Good.
Within ±2.01 to ±2.99	Accept with caution. Warning Signal.
Beyond ±3.0	Unacceptable performance. Action Signal.

Homogeneity and Stability of the sample is passed.

Data in CMC EQAS reports is confidential

Contact details:

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Contact Number: 0416-2283162

Pamela Christudoss

Dr. Pamela Christudoss

CMC EQAS Co-Ordinator

Christian Medical College, Vellore

***** End of Report *****

Sl.No	Analyte	Corrective action taken	Observed Value after Corrective action taken	Remarks
1.	Cholesterol	Calibrated	98.3 +1SD	Valid



Lab Name

MANJERI CLINICAL LABORATORY AND IDEAL X-RAYS

Lab No

2139



LAB MONTHLY SUMMARY



Lab Name

MANJERI CLINICAL LABORATORY AND IDEAL X-RAYS

Lab No

2139

Month

August

Year

2021

Constituent Group Chemistry I



Date of Result Entered : 18/08/2021

Date of Report Published : 01/09/2021

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No. of Participants	CV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	GOD-POD	Any Analyser (Automation / Semi Automation)	661	208.21	8.82	18.37	207 mg/dl	-0.07	1.43
2	UREA	Others (Urease Berthelot / Ned Dye)	Any Analyser (Automation / Semi Automation)	179	75.64	10.95	8.28	75.8 mg/dl	0.02	1.24
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Any Analyser (Automation / Semi Automation)	465	3.19	11.60	0.37	2.84 mg/dl	-0.95	0.03
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Any Analyser (Automation / Semi Automation)	566	2.65	17.54	0.46	2.68 mg/dl	0.06	0.04
5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation)	667	5.28	10.68	0.56	5.41 g/dl	0.23	0.04
6	ALBUMIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation)	623	3.16	8.70	0.28	3.15 g/dl	-0.04	0.02
7	CALCIUM	Arsenazo III	Any Analyser (Automation / Semi Automation)	455	9.86	8.53	0.84	9.4 mg/dl	-0.55	0.08
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Any Analyser (Automation / Semi Automation)	313	3.62	14.76	0.54	3.26 mg/dl	-0.67	0.06
9	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation)	541	4.78	16.55	0.79	5.9 mg/dl	1.42	0.07
10	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation)	632	108.97	10.30	11.23	93.05 mg/dl	-1.42	0.89
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation)	623	150.12	11.79	17.70	107 mg/dl	-2.44	1.42
12	HDL CHO	Direct method / Enzymatic colorimetric	Any Analyser (Automation / Semi Automation)	442	27.12	18.97	5.14	21.07 mg/dl	-1.18	0.49
13	SODIUM	ISE - Indirect	Any Analyser	584	138.41	3.15	4.36	131.7 mmol/L	-1.54	0.36
14	POTASSIUM	ISE - Indirect	Any Analyser	587	4.01	5.16	0.21	3.95 mmol/L	-0.29	0.02
15	CHLORIDE	ISE - Indirect	Any Analyser	424	104.05	4.10	4.26	96.3 mmol/L	-1.82	0.41
16	BICARBONATE	Enzymatic - PEPC (Phosphoenolpyruvate)	Any Analyser (Automation / Semi Automation)	149	21.10	16.26	3.43	21.42 mmol/L	0.09	0.56
17	AST	UV kinetic with PLP (P-S-P)	Any Analyser (Automation / Semi Automation)	611	60.46	15.93	9.63	49.4 U/L	-1.15	0.78
18	ALT	UV kinetic with PLP (P-S-P)	Any Analyser (Automation / Semi Automation)	522	91.37	18.61	17.01	46.55 U/L	-2.63	1.49
19	ALP	PNP DEA kinetic	Any Analyser (Automation / Semi Automation)	204	545.71	19.62	107.09	674.79 U/L	1.21	15.00
20	AMYLASE	CNPG3	Any Analyser (Automation / Semi Automation)	371	154.87	18.64	28.87	135.13 U/L	-0.68	3.00
21	IRON	Ferro Zine (No Protein Removal)	Any Analyser (Automation / Semi Automation)	51	177.94	10.06	17.90	179.59 ug/dl	0.09	5.01
22	MAGNESIUM	Others (Any other principles / Methods)	Any Analyser (Automation / Semi Automation)	116	2.54	17.95	0.46	2.18 mg/dl	-0.79	0.08

SDI Range	Interpretation
Within -1.00 to +1.00	Excellent.
Within ±1.01 to ±2.00	Good.
Within ±2.01 to ±2.99	Accept with caution. Warning Signal.
Beyond ±3.0	Unacceptable performance. Action Signal.

Homogeneity and Stability of the sample is passed.

Data in CMC EQAS reports is confidential

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***** End of Report *****

Sl.No	Analyte	Corrective action taken	Observed value after corrective action taken	Remarks
1.	Triglyceride	calibrated	144.51 -1SD	
2.	ALT	calibrated	76.01 +1SD	