



CHRISTIANMEDICALCOLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY
CMCEXTERNALQUALITYASSURANCEScheme
MONTHLYSUMMARYREPORT-OCTOBER2023



PC-1024

LabName **RNCHOSPITAL** LabNo **2952**
Constituent Group **ChemistryI** DateofResultEntered: **17/10/2023**
PTitem **Lyophilizedhumanserumbased** DateofReportPublished: **04/11/2023**

Sl.No	Analyte	Method/PrincipleName	AnalyzerName	Noof Participants	DV	Participants CV	Participants SD	Your Value	SDI	U
1	GLUCOSE	Hexokinase	RocheC111,C311, Integra 400 plus, C501,C502,C702	279	362.02	3.63	13.15	359 mg/dL	-0.85	1.32
2	UREA	UreaseUV/GLDH	RocheC111,C311, Integra 400 plus, C501,C502,C702	288	41.78	5.44	2.27	37.21 mg/dL	1.52	0.46
3	CREATININE	JaffesKinetic-Alkaline picrate	RocheC111,C311, Integra 400 plus, C501,C502,C702	257	7.45	3.97	0.30	6.8 mg/dL	-1.22	0.03
4	T.BILIRUBIN	Diazoniumsalt(Colorimetric) / Jendrassik	RocheC111,C311, Integra 400 plus, C501,C502,C702	283	1.34	5.54	0.07	1.47 mg/dL	1.76	0.01
5	T-PROTEIN	Biuret-Colorimetric	RocheC111,C311, Integra 400 plus, C501,C502,C702	300	4.68	3.42	0.16	5g/dL	2.00	0.02
6	ALBUMIN	BCG-colorimetric	RocheC111,C311, Integra 400 plus, C501,C502,C702	290	3.04	4.04	0.12	3.16 g/dL	0.98	0.01
7	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	RocheC111,C311, Integra 400 plus, C501,C502,C702	224	3.21	3.86	0.12	3 mg/dL	-1.69	0.02
8	URICACID	Enzymatic/ Uricase Colorimetric	RocheC111,C311, Integra 400 plus, C501,C502,C702	288	10.07	4.29	0.43	9.8 mg/dL	-0.62	0.05
9	CHOLESTEROL	CHOD-PAP	RocheC111,C311, Integra 400 plus, C501,C502,C702	302	101.87	4.31	4.39	97 mg/dL	-1.11	0.51
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / EndPoint	RocheC111,C311, Integra 400 plus, C501,C502,C702	273	84.73	4.71	3.99	76 mg/dL	-2.19	0.48
11	HDL	Direct method / Enzymaticcolorimetric	RocheC111,C311, Integra 400 plus, C501,C502,C702	284	22.07	5.62	1.24	21.5 mg/dL	-0.46	0.15
12	AST	UVkinetic(with&without PLP (P-5-P))	RocheC111,C311, Integra 400 plus, C501,C502,C702	284	96.21	7.26	6.98	87U/L	-1.32	0.83
13	ALT	UVkinetic(with&without PLP (P-5-P))	RocheC111,C311, Integra 400 plus, C501,C502,C702	287	125.11	9.72	12.16	148U/L	1.88	1.44
14	ALP	PNPAMPkinetic	RocheC111,C311, Integra 400 plus, C501,C502,C702	293	421.08	7.69	32.39	414.6 U/L	-0.20	3.78
15	AMYLASE	EnzymaticColorimetric/ G7PNP Blocked	RocheC111,C311, Integra 400 plus, C501,C502,C702	176	202.46	3.17	6.43	176.64 U/L	0.76	1.44
16	IRON	Ferro Zine(NoProtein Removal)	RocheC111,C311, Integra 400 plus, C501,C502,C702	142	205.31	3.66	7.51	183.5 ug/dL	-2.90	2.29
17	MAGNESIUM	XylidylBlue	RocheC111,C311, Integra 400 plus, C501,C502,C702	113	1.38	6.47	0.09	1.34 mg/dL	-1.21	0.02

SDIRange	Interpretation
Within-1.00to+1.00	Excellent.
Within±1.01to±2.00	Good.

Within ± 2.01 to ± 2.99	Acceptwithcaution.WarningSignal.
Beyond ± 3.0	Unacceptableperformance.ActionSignal.

LABADDRESS:**RNCHOSPITAL****PLOT 6,KMGGarden,RD,besideChinthalbusstop,Quthbullapur, HYDERABAD****TELANGANA500037**

CoordinatorContactDetails:
Email:clinqc@cmcvellore.ac.in
Contact Number: 0416-2283102



Dr.PamelaChristudoss
CMCEQASCoordinator
Christian Medical College, Vellore

HomogeneityandStabilityofthesampleispassed.
DatainCMCEQASreportsisconfidential CMC
EQAS does not sub contract any components
*******EndofReport*******



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - SEPTEMBER 2023



PC-1024

Lab Name	RNC HOSPITAL	Lab No	2952
Constituent Group	Chemistry I	Date of Result Entered :	15/09/2023
PT item	Lyophilized human serum based	Date of Report Published :	05/10/2023

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants CV	SD	Your Value	SDI	U
1	GLUCOSE	Hexokinase	Roche C111, C311, Integra 400 plus, C501, C502, C702	279	205.63	3.44	7.07	191 mg/dL	-2.07	0.85
2	UREA	Urease UV / GLDH	Roche C111, C311, Integra 400 plus, C501, C502, C702	302	110.69	5.36	5.94	102.5 mg/dL	-1.38	0.68
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Roche C111, C311, Integra 400 plus, C501, C502, C702	263	7.83	4.58	0.36	7 mg/dL	-2.31	0.04
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Roche C111, C311, Integra 400 plus, C501, C502, C702	293	1.94	5.89	0.11	1.79 mg/dL	-1.32	0.01
5	T-PROTEIN	Biuret - Colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	301	5.10	3.90	0.20	4.8 g/dL	-1.51	0.02
6	ALBUMIN	BCG - colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	290	3.36	3.84	0.13	3.4 g/dL	0.31	0.02
7	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Roche C111, C311, Integra 400 plus, C501, C502, C702	236	5.55	3.48	0.19	5.2 mg/dL	-1.81	0.03
8	URIC ACID	Enzymatic / Uricase Colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	292	6.67	3.81	0.25	6 mg/dL	-2.64	0.03
9	CHOLESTEROL	CHOD-PAP	Roche C111, C311, Integra 400 plus, C501, C502, C702	305	121.15	3.88	4.70	110 mg/dL	-2.37	0.54
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Roche C111, C311, Integra 400 plus, C501, C502, C702	287	130.55	4.71	6.15	124 mg/dL	-1.07	0.73
11	HDL	Direct method / Enzymatic colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	286	22.93	5.45	1.25	24.2 mg/dL	1.02	0.15
12	AST	UV kinetic(with & without PLP (P-5-P))	Roche C111, C311, Integra 400 plus, C501, C502, C702	292	93.03	6.57	6.11	83 U/L	-1.64	0.72
13	ALT	UV kinetic(with & without PLP (P-5-P))	Roche C111, C311, Integra 400 plus, C501, C502, C702	295	52.29	9.17	4.80	45 U/L	-1.52	0.56
14	ALP	PNP AMP kinetic	Roche C111, C311, Integra 400 plus, C501, C502, C702	294	149.89	8.17	12.24	136.65 U/L	-1.08	1.43
15	AMYLASE	Enzymatic Colorimetric / G7PNP Blocked	Roche C111, C311, Integra 400 plus, C501, C502, C702	175	145.78	3.66	5.33	119.6 U/L	-4.91	0.81
16	IRON	Ferro Zine (No Protein Removal)	Roche C111, C311, Integra 400 plus, C501, C502, C702	144	69.38	7.08	4.92	63.4 ug/dL	-1.22	0.82
17	MAGNESIUM	Xylidyl Blue	Roche C111, C311, Integra 400 plus, C501, C502, C702	116	2.32	4.82	0.11	2.41 mg/dL	0.80	0.02

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.

LAB ADDRESS :**RNC HOSPITAL****PLOT 6, KMG Garden, RD, beside Chinthal bus stop, Quthbullapur,****HYDERABAD****TELANGANA500037**

Coordinator Contact Details:
Email: clinqc@cmcvellore.ac.in
Contact Number: 0416-2283102



Dr. Pamela Christudoss
CMC EQAS Coordinator
Christian Medical College, Vellore

Homogeneity and Stability of the sample is passed.

Data in CMC EQAS reports is confidential

CMC EQAS does not sub contract any components

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



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY
CMC EXTERNAL QUALITY ASSURANCE SCHEME
MONTHLY SUMMARY REPORT - AUGUST 2023



Lab Name **RNC HOSPITAL** Lab No **2952**
Constituent Group **Chemistry I** Date of Result Entered : **17/08/2023**
PT item **Lyophilized human serum based** Date of Report Published : **01/09/2023**

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants CV	Participants SD	Your Value	SDI	U
1	GLUCOSE	Hexokinase	Roche C111, C311, Integra 400 plus, C501, C502, C702	284	60.46	4.29	2.59	56 mg/dL	-1.72	0.31
2	UREA	Urease UV / GLDH	Roche C111, C311, Integra 400 plus, C501, C502, C702	300	17.40	7.11	1.24	17.9 mg/dL	0.40	0.14
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Roche C111, C311, Integra 400 plus, C501, C502, C702	265	0.83	9.08	0.08	0.9 mg/dL	0.93	0.01
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Roche C111, C311, Integra 400 plus, C501, C502, C702	293	0.74	7.80	0.06	0.79 mg/dL	0.86	0.01
5	T-PROTEIN	Biuret - Colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	299	5.31	4.56	0.24	5.5 g/dL	0.79	0.03
6	ALBUMIN	BCG - colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	289	3.46	3.50	0.12	3.1 g/dL	-2.98	0.01
7	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Roche C111, C311, Integra 400 plus, C501, C502, C702	233	2.73	4.43	0.12	2.2 mg/dL	-4.38	0.02
8	URIC ACID	Enzymatic / Uricase Colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	289	3.49	4.30	0.15	2.7 mg/dL	-5.27	0.02
9	CHOLESTEROL	CHOD-PAP	Roche C111, C311, Integra 400 plus, C501, C502, C702	301	124.78	3.75	4.69	113 mg/dL	-2.51	0.54
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Roche C111, C311, Integra 400 plus, C501, C502, C702	283	129.89	4.58	5.94	116 mg/dL	-2.34	0.71
11	HDL	Direct method / Enzymatic colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	284	24.73	6.08	1.50	24.5 mg/dL	-0.15	0.18
12	AST	UV kinetic(with & without PLP (P-5-P))	Roche C111, C311, Integra 400 plus, C501, C502, C702	287	33.57	7.87	2.64	24 U/L	-3.62	0.31
13	ALT	UV kinetic(with & without PLP (P-5-P))	Roche C111, C311, Integra 400 plus, C501, C502, C702	287	25.04	14.54	3.64	17 U/L	-2.21	0.43
14	ALP	PNP AMP kinetic	Roche C111, C311, Integra 400 plus, C501, C502, C702	290	99.62	6.77	6.74	60.2 U/L	-5.85	0.79
15	AMYLASE	Enzymatic Colorimetric / G7PNP Blocked	Roche C111, C311, Integra 400 plus, C501, C502, C702	173	55.85	3.17	1.77	43.67 U/L	-6.87	0.27
16	IRON	Ferro Zine (No Protein Removal)	Roche C111, C311, Integra 400 plus, C501, C502, C702	147	104.93	5.36	5.62	108.3 ug/dL	0.60	0.93
17	MAGNESIUM	Xylidyl Blue	Roche C111, C311, Integra 400 plus, C501, C502, C702	119	1.62	4.94	0.08	2.6 mg/dL	12.25	0.01

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.

LAB ADDRESS :**RNC HOSPITAL****PLOT 6, KMG Garden, RD, beside Chinthal bus stop, Quthbullapur,****HYDERABAD****TELANGANA500037****Coordinator Contact Details:****Email: clinqc@cmcvellore.ac.in****Contact Number: 0416-2283102***Pamela Christudoss***Dr. Pamela Christudoss****CMC EQAS Coordinator****Christian Medical College, Vellore****Homogeneity and Stability of the sample is passed.****Data in CMC EQAS reports is confidential****CMC EQAS does not sub contract any components********* End of Report *******



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY
CMC EXTERNAL QUALITY ASSURANCE SCHEME
MONTHLY SUMMARY REPORT - JULY 2023



Lab Name **RNC HOSPITAL** Lab No **2952**
Constituent Group **Chemistry I** Date of Result Entered : **15/07/2023**
PT item **Lyophilized human serum based** Date of Report Published : **07/08/2023**

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants CV	SD	Your Value	SDI	U
1	GLUCOSE	Hexokinase	Roche C111, C311, Integra 400 plus, C501, C502, C702	282	280.42	3.96	11.11	271 mg/dL	-0.85	1.32
2	UREA	Urease UV / GLDH	Roche C111, C311, Integra 400 plus, C501, C502, C702	294	63.48	6.23	3.96	69.49 mg/dL	1.52	0.46
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Roche C111, C311, Integra 400 plus, C501, C502, C702	253	4.51	5.10	0.23	4.23 mg/dL	-1.22	0.03
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Roche C111, C311, Integra 400 plus, C501, C502, C702	289	3.16	5.10	0.16	3.2 mg/dL	0.25	0.02
5	T-PROTEIN	Biuret - Colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	295	5.44	4.03	0.22	5.9 g/dL	2.10	0.03
6	ALBUMIN	BCG - colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	286	3.55	4.20	0.15	3.15 g/dL	-2.68	0.02
7	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Roche C111, C311, Integra 400 plus, C501, C502, C702	232	4.66	3.56	0.17	3.99 mg/dL	-4.04	0.02
8	URIC ACID	Enzymatic / Uricase Colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	282	5.60	4.59	0.26	4.85 mg/dL	-2.92	0.03
9	CHOLESTEROL	CHOD-PAP	Roche C111, C311, Integra 400 plus, C501, C502, C702	297	125.97	3.98	5.02	130 mg/dL	0.80	0.58
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Roche C111, C311, Integra 400 plus, C501, C502, C702	274	169.39	3.81	6.46	171 mg/dL	0.25	0.78
11	HDL	Direct method / Enzymatic colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	280	25.70	4.39	1.13	29.2 mg/dL	3.10	0.13
12	AST	UV kinetic(with & without PLP (P-5-P))	Roche C111, C311, Integra 400 plus, C501, C502, C702	285	202.78	5.91	11.99	182 U/L	-1.73	1.42
13	ALT	UV kinetic(with & without PLP (P-5-P))	Roche C111, C311, Integra 400 plus, C501, C502, C702	286	281.44	6.89	19.40	258 U/L	-1.21	2.29
14	ALP	PNP AMP kinetic	Roche C111, C311, Integra 400 plus, C501, C502, C702	287	199.00	7.49	14.90	163.37 U/L	-2.39	1.76
15	AMYLASE	Enzymatic Colorimetric / G7PNP Blocked	Roche C111, C311, Integra 400 plus, C501, C502, C702	174	78.98	3.76	2.97	67.64 U/L	-3.82	0.45
16	IRON	Ferro Zine (No Protein Removal)	Roche C111, C311, Integra 400 plus, C501, C502, C702	138	220.16	3.84	8.46	226.6 ug/dL	0.76	1.44
17	MAGNESIUM	Xylidyl Blue	Roche C111, C311, Integra 400 plus, C501, C502, C702	119	3.30	5.27	0.17	2.83 mg/dL	-2.70	0.03

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.

LAB ADDRESS :**RNC HOSPITAL****PLOT 6, KMG Garden, RD, beside Chinthal bus stop, Quthbullapur,****HYDERABAD****TELANGANA500037**

Coordinator Contact Details:
Email: clinqc@cmcvellore.ac.in
Contact Number: 0416-2283102

Pamela Christudoss
Dr. Pamela Christudoss
CMC EQAS Coordinator
Christian Medical College, Vellore

Homogeneity and Stability of the sample is passed.

Data in CMC EQAS reports is confidential

CMC EQAS does not sub contract any components

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



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY
CMC EXTERNAL QUALITY ASSURANCE SCHEME
MONTHLY SUMMARY REPORT - JUNE 2023



Lab Name **RNC HOSPITAL** Lab No **2952**
Constituent Group **Chemistry I** Date of Result Entered : **16/06/2023**
PT item **Lyophilized human serum based** Date of Report Published : **04/07/2023**

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants CV	Participants SD	Your Value	SDI	U
1	GLUCOSE	Hexokinase	Roche C111, C311, Integra 400 plus, C501, C502, C702	278	122.00	3.81	4.65	121 mg/dL	-0.21	0.56
2	UREA	Urease UV / GLDH	Roche C111, C311, Integra 400 plus, C501, C502, C702	296	46.35	5.97	2.77	50 mg/dL	1.32	0.32
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Roche C111, C311, Integra 400 plus, C501, C502, C702	256	2.12	6.14	0.13	2 mg/dL	-0.92	0.02
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Roche C111, C311, Integra 400 plus, C501, C502, C702	290	2.67	5.20	0.14	2.55 mg/dL	-0.86	0.02
5	T-PROTEIN	Biuret - Colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	294	5.39	4.06	0.22	5 g/dL	-1.78	0.03
6	ALBUMIN	BCG - colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	287	3.56	3.90	0.14	3.3 g/dL	-1.87	0.02
7	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Roche C111, C311, Integra 400 plus, C501, C502, C702	235	3.90	3.70	0.14	4.1 mg/dL	1.39	0.02
8	URIC ACID	Enzymatic / Uricase Colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	289	4.60	3.63	0.17	3.84 mg/dL	-4.55	0.02
9	CHOLESTEROL	CHOD-PAP	Roche C111, C311, Integra 400 plus, C501, C502, C702	299	119.65	4.07	4.86	114 mg/dL	-1.16	0.56
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Roche C111, C311, Integra 400 plus, C501, C502, C702	280	189.85	3.32	6.30	181 mg/dL	-1.41	0.75
11	HDL	Direct method / Enzymatic colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	282	24.32	5.12	1.25	23.7 mg/dL	-0.50	0.15
12	AST	UV kinetic(with & without PLP (P-5-P))	Roche C111, C311, Integra 400 plus, C501, C502, C702	290	67.29	6.78	4.56	59 U/L	-1.82	0.54
13	ALT	UV kinetic(with & without PLP (P-5-P))	Roche C111, C311, Integra 400 plus, C501, C502, C702	293	44.48	10.39	4.62	40 U/L	-0.97	0.54
14	ALP	PNP AMP kinetic	Roche C111, C311, Integra 400 plus, C501, C502, C702	285	106.33	7.67	8.16	111.3 U/L	0.61	0.97
15	AMYLASE	Enzymatic Colorimetric / G7PNP Blocked	Roche C111, C311, Integra 400 plus, C501, C502, C702	173	84.96	4.45	3.78	71.3 U/L	-3.61	0.57
16	IRON	Ferro Zine (No Protein Removal)	Roche C111, C311, Integra 400 plus, C501, C502, C702	143	145.99	5.32	7.77	138.6 ug/dL	-0.95	1.30
17	MAGNESIUM	Xylidyl Blue	Roche C111, C311, Integra 400 plus, C501, C502, C702	116	2.49	5.62	0.14	3.7 mg/dL	8.64	0.03

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.

LAB ADDRESS :**RNC HOSPITAL****PLOT 6, KMG Garden, RD, beside Chinthal bus stop, Quthbullapur,****HYDERABAD****TELANGANA500037**

Coordinator Contact Details:
Email: clinqc@cmcvellore.ac.in
Contact Number: 0416-2283102



Dr. Pamela Christudoss
CMC EQAS Coordinator
Christian Medical College, Vellore

Homogeneity and Stability of the sample is passed.

Data in CMC EQAS reports is confidential

CMC EQAS does not sub contract any components

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



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY
CMC EXTERNAL QUALITY ASSURANCE SCHEME
MONTHLY SUMMARY REPORT - MAY 2023



Lab Name **RNC HOSPITAL** Lab No **2952**
Constituent Group **Chemistry I** Date of Result Entered : **15/05/2023**
PT item **Lyophilized human serum based** Date of Report Published : **05/06/2023**

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants CV	Participants SD	Your Value	SDI	U
1	GLUCOSE	Hexokinase	Roche C111, C311, Integra 400 plus, C501, C502, C702	287	247.73	3.38	8.37	246 mg/dL	-0.21	0.99
2	UREA	Urease UV / GLDH	Roche C111, C311, Integra 400 plus, C501, C502, C702	299	75.73	5.47	4.14	88.8 mg/dL	3.15	0.48
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Roche C111, C311, Integra 400 plus, C501, C502, C702	264	1.62	7.22	0.12	1.22 mg/dL	-3.42	0.01
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Roche C111, C311, Integra 400 plus, C501, C502, C702	292	3.96	5.28	0.21	3.4 mg/dL	-2.68	0.02
5	T-PROTEIN	Biuret - Colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	300	4.65	4.49	0.21	4.9 g/dL	1.20	0.02
6	ALBUMIN	BCG - colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	293	3.11	4.25	0.13	3.2 g/dL	0.68	0.02
7	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Roche C111, C311, Integra 400 plus, C501, C502, C702	235	5.30	3.13	0.17	6.2 mg/dL	5.42	0.02
8	URIC ACID	Enzymatic / Uricase Colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	290	8.09	3.88	0.31	7.9 mg/dL	-0.61	0.04
9	CHOLESTEROL	CHOD-PAP	Roche C111, C311, Integra 400 plus, C501, C502, C702	303	106.39	3.94	4.19	106 mg/dL	-0.09	0.48
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Roche C111, C311, Integra 400 plus, C501, C502, C702	283	144.66	4.15	6.00	142 mg/dL	-0.44	0.71
11	HDL	Direct method / Enzymatic colorimetric	Roche C111, C311, Integra 400 plus, C501, C502, C702	284	20.69	5.15	1.06	19.5 mg/dL	-1.12	0.13
12	AST	UV kinetic(with & without PLP (P-5-P))	Roche C111, C311, Integra 400 plus, C501, C502, C702	290	140.24	6.15	8.63	139 U/L	-0.14	1.01
13	ALT	UV kinetic(with & without PLP (P-5-P))	Roche C111, C311, Integra 400 plus, C501, C502, C702	294	74.43	10.09	7.51	73 U/L	-0.19	0.88
14	ALP	PNP AMP kinetic	Roche C111, C311, Integra 400 plus, C501, C502, C702	289	278.50	7.76	21.60	216.6 U/L	-2.87	2.54
15	AMYLASE	Enzymatic Colorimetric / G7PNP Blocked	Roche C111, C311, Integra 400 plus, C501, C502, C702	170	107.22	4.15	4.45	93 U/L	-3.20	0.68
16	IRON	Ferro Zine (No Protein Removal)	Roche C111, C311, Integra 400 plus, C501, C502, C702	138	83.20	6.78	5.64	80.1 ug/dL	-0.55	0.96
17	MAGNESIUM	Xylidyl Blue	Roche C111, C311, Integra 400 plus, C501, C502, C702	113	1.99	5.13	0.10	1.81 mg/dL	-1.76	0.02

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.

LAB ADDRESS :**RNC HOSPITAL****PLOT 6, KMG Garden, RD, beside Chinthal bus stop, Quthbullapur,****HYDERABAD****TELANGANA500037****Coordinator Contact Details:****Email: clinqc@cmcvellore.ac.in****Contact Number: 0416-2283102***Pamela Christudoss***Dr. Pamela Christudoss****CMC EQAS Coordinator****Christian Medical College, Vellore****Homogeneity and Stability of the sample is passed.****Data in CMC EQAS reports is confidential****CMC EQAS does not sub contract any components********* End of Report *******