

LAB MONTHLY SUMMARY



Lab Name RELIFE DIAGNOSTICS Lab No 14791
 Month June Year 2021
 Constituent Group Chemistry I



Date of Result Entered : 20/06/2021

Date of Report Published : 03/07/2021

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	GOD-POD	Transasia / Erba	853	423.45	6.38	27.00	463.9 mg/dl	1.50	1.85
2	UREA	Urease UV / GLDH	Transasia / Erba	798	24.11	9.39	2.26	22.62 mg/dl	-0.66	0.16
3	CREATININE	Jaffes End point	Any Analyser (Automation / Semi Automation)	373	5.01	11.02	0.55	4.96 mg/dl	-0.09	0.06
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Transasia / Erba	800	1.01	15.05	0.15	1.62 mg/dl	4.01	0.01
5	T-PROTEIN	Biuret - Colorimetric	Transasia / Erba	800	4.60	7.63	0.35	4.86 g/dl	0.74	0.02
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	817	2.72	6.11	0.17	2.64 g/dl	-0.48	0.01
7	CALCIUM	Arsenazo III	Transasia / Erba	577	9.33	7.83	0.73	9.25 mg/dl	-0.11	0.06
8	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	784	3.59	12.09	0.43	2.52 mg/dl	-2.47	0.03
9	CHOLESTEROL	CHOD-PAP	Transasia / Erba	853	91.43	9.66	8.83	80.73 mg/dl	-1.21	0.60
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	804	67.44	17.44	11.76	82.01 mg/dl	1.24	0.83
11	HDL CHO	Direct method / Enzymatic colorimetric	Transasia / Erba	635	22.69	13.50	3.06	25.2 mg/dl	0.82	0.24
12	AST	UV kinetic with PLP (P-5-P)	Any Analyser (Automation / Semi Automation)	602	30.32	15.76	4.78	30.23 U/L	-0.02	0.39
13	ALT	UV kinetic with PLP (P-5-P)	Any Analyser (Automation / Semi Automation)	479	225.70	21.14	47.71	251.6 U/L	0.54	4.36
14	ALP	PNP AMP kinetic	Transasia / Erba	717	106.17	15.46	16.42	113 U/L	0.42	1.23

SDI Range	Interpretation
Within -1.0 to +1.0	Excellent.
Between ±1.0 to ±2.0	Good.
Between ±2.0 to ±3.0	Accept with caution. Warning Signal.
Beyond ±3.0	Unacceptable performance. Action Signal.

Homogeneity and Stability of the sample is passed.

Total Bil. Not acceptable

Data in CMC EQAS reports is confidential .
 Contact details:
 Email:clinqc@cmcvellore.ac.in
 Contact Number: 0416-2283102

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

LAB MONTHLY SUMMARY



Lab Name RELIFE DIAGNOSTICS Lab No 14791
 Month July Year 2021
 Constituent Group Chemistry I



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	Transasia / Erba	910	102.19	7.76	7.94	96.54 mg/dl	-0.71	0.53
2	UREA	Urease UV / GLDH	Transasia / Erba	821	140.52	8.14	11.44	137.3 mg/dl	-0.28	0.80
3	CREATININE	Jaffes End point	Any Analyser (Automation / Semi Automation)	368	7.54	11.56	0.87	8.07 mg/dl	0.61	0.09
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Transasia / Erba	819	5.87	8.13	0.48	5.81 mg/dl	-0.13	0.03
5	T-PROTEIN	Biuret - Colorimetric	Transasia / Erba	853	5.50	7.98	0.44	1.13 g/dl	-9.93	0.03
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	838	3.18	5.19	0.16	8.64 g/dl	34.13	0.01
7	CALCIUM	Arsenazo III	Transasia / Erba	560	10.52	8.08	0.85	8.99 mg/dl	-1.80	0.07
8	URIC ACID	Enzymatic / Uricase Colorimetric	Transasia / Erba	820	9.67	10.41	1.01	9.61 mg/dl	-0.06	0.07
9	CHOLESTEROL	CHOD-PAP	Transasia / Erba	858	101.60	10.37	10.53	127.1 mg/dl	2.42	0.72
10	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	799	208.75	8.36	17.45	158.9 mg/dl	-2.86	1.23
11	HDL CHO	Direct method / Enzymatic colorimetric	Transasia / Erba	654	25.81	12.23	3.16	34.9 mg/dl	2.88	0.25
12	AST	UV kinetic with PLP (P-5-P)	Any Analyser (Automation / Semi Automation)	630	108.24	17.71	19.17	100.2 U/L	-0.42	1.53
13	ALT	UV kinetic with PLP (P-5-P)	Any Analyser (Automation / Semi Automation)	447	35.74	18.78	6.71	26.36 U/L	-1.40	0.63
14	ALP	PNP AMP kinetic	Transasia / Erba	667	150.65	15.93	23.99	134.3 U/L	-0.68	1.86

SDI Range	Interpretation
Within -1.0 to +1.0	Excellent.
Between ±1.0 to ±2.0	Good.
Between ±2.0 to ±3.0	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: clinqc@cmcvellore.ac.in
 Contact Number: 0416-2283102

Annex
 Re-run Retained EQAS Sample
 Check results of T. Protein & Albumin
 Pamela Christudoss

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

Calculation of SDI after repeat run of EQAS
Sample - July 2021

Total Protein

$$SDI = \frac{\text{Your result} - \text{DU}}{\text{SD of mean of Comparison Group}}$$

$$= \frac{5.67 - 5.50}{0.44}$$

$$= \underline{0.38}$$

Which is acceptable

Araifa

03/08/21 14:41:35

000114 TPRD 5.67 g/dL L

Calculation of SDI after repeat run
of EQAS sample July 2021

Albumin

$$SDI = \frac{\text{Your result} - DV}{SD}$$

$$= \frac{3.46 - 3.18}{0.16}$$

$$= 1.75$$

Acceptable result

Amrifa

03/08/21 14:58:46

000115 ALB 4.46 g/dL

000116 ALB 3.46 g/dL L