

LAB MONTHLY SUMMARY

Lab Name KINS CARE & RESEARCH FOUNDATION Lab No 4531
 Month December Year 2020
 Constituent Chemistry I Group

Date of Result Entered : 19/12/2020

Date of Report Published : 31/12/2020

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	CV	Participants		Total Value	SD	CV	SD
						CV	SD				
1	GLUCOSE	GOD-POD	Transasia / Erba	815	148.85	7.43	11.06	145.8 mg/dl	-0.28	0.78	
2	UREA	UREASE UV / GLDH	Transasia / Erba	777	85.01	8.75	7.44	82.7 mg/dl	-0.31	0.53	
3	CREATININE	ENZYMATIC COLORIMETRIC	Transasia / Erba	282	4.28	6.59	0.28	4.31 mg/dl	0.11	0.03	
4	T.BILIRUBIN	DIAZONIUM SALT (Colorimetric) / JENDRASSIK	Transasia / Erba	747	1.97	12.91	0.25	1.8 mg/dl	-0.67	0.02	
5	T-PROTEIN	BIURET - colorimetric	Transasia / Erba	801	4.98	7.87	0.39	4.85 g/dl	-0.33	0.03	
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	797	2.99	5.83	0.17	2.94 g/dl	-0.29	0.01	
7	CALCIUM	ARSENATO III	Transasia / Erba	588	8.04	11.53	0.93	7.9 mg/dl	-0.15	0.08	
8	PHOSPHORUS	Molybdate UV/ Phosphomolybdate complex	Transasia / Erba	307	5.87	10.89	0.64	5 mg/dl	-1.36	0.07	
9	URIC ACID	ENZYMATIC / URICASE Colorimetric	Transasia / Erba	723	3.77	11.74	0.44	3.9 mg/dl	0.29	0.03	
10	CHOLESTEROL	CHOD-PAP	Transasia / Erba	800	96.82	10.42	10.09	97 mg/dl	0.02	0.71	
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	750	89.21	17.52	15.63	79.7 mg/dl	-0.61	1.14	
12	HDL CHO	DIRECT METHOD / Enzymatic colorimetric	Transasia / Erba	576	23.93	12.86	3.08	21.9 mg/dl	-0.66	0.26	
13	SODIUM	ISE - Indirect	Any Analyser	975	120.47	4.01	4.83	117.9 mmol/L	-0.53	0.31	
14	POTASSIUM	ISE - Indirect	Any Analyser	958	5.76	7.38	0.42	4.84 mmol/L	-2.16	0.03	
15	CHLORIDE	ISE - Indirect	Any Analyser	707	90.72	5.45	4.94	95.3 mmol/L	0.93	0.37	
16	AST	UV-Kinetic without PLP (P-S-P)	Transasia / Erba	703	155.01	11.10	17.20	148.6 U/L	-0.37	1.30	
17	ALT	UV-Kinetic without PLP (P-S-P)	Transasia / Erba	679	140.76	14.96	21.06	143.2 U/L	0.12	1.62	
18	ALP	PNP AMP KINETIC	Transasia / Erba	698	90.16	14.34	12.93	82 U/L	-0.63	0.98	
19	AMYLASE	CNPG3	Any Analyser	627	46.74	20.79	9.72	42.2 U/L	-0.47	0.78	

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

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home.cmcvellore.ac.in/clinqc/ViewMonthlySummary/printResult_new.aspx?resDelId=236&noSamples=1&month=12&year=2020&groupId=1&yearGro... 1/2

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						CV	SD				
1	HbA1c	HPLC-Ion Exchange	Biorad (D10 / D100 / Variant Turbo)	468	7.40	6.38	0.47	7.8 %	0.85	0.04	

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.

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GOBINDO GHOSH
 MANAGER - QM
 KINS CARE & RESEARCH FOUNDATION PVT. LTD.

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Dr. Pamela Christudos

CMC EQAS Co-Ordinator

Christian Medical College, Vellore