

Lab Name PGM DIAGNOSTIC Lab No 8451
 Month October Year 2020
 Constituent Group Chemistry I

Date of Result Entered : 15/10/2020

Date of Report Published : 09/11/2020

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	819	177.50	7.25	12.87	179.7mg/dl	0.17	0.90
2	UREA	UREASE UV / GLDH	Transasia / Erba	725	119.77	8.48	10.16	119.4mg/dl	-0.04	0.75
3	CREATININE	ENZYMATIC COLORIMETRIC	Biosystems	27	4.85	10.59	0.51	5 mg/dl	0.29	0.20
4	T.BILIRUBIN	DIAZONIUM SALT (Colorimetric) / JENDRASSIK	Transasia / Erba	740	3.63	10.23	0.37	4.35mg/dl	1.94	0.03
5	T-PROTEIN	BIURET - colorimetric	Transasia / Erba	752	5.10	6.84	0.35	5 g/dl	-0.29	0.03
6	ALBUMIN	BCG - colorimetric	Transasia / Erba	794	3.00	5.70	0.17	2.9 g/dl	-0.58	0.01
7	CALCIUM	ARSENAZO III	Biosystems	130	9.54	9.06	0.86	10.8mg/dl	1.46	0.15
8	PHOSPHORUS	Molybdate UV/ Phosphomolybdate complex	Transasia / Erba	286	5.05	9.71	0.49	5 mg/dl	-0.10	0.06
9	URIC ACID	ENZYMATIC / URICASE Colorimetric	Transasia / Erba	723	4.07	11.55	0.47	4.5mg/dl	0.91	0.03
10	CHOLESTEROL	CHOD-PAP	Transasia / Erba	769	93.28	9.85	9.18	90 mg/dl	-0.36	0.66
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Transasia / Erba	702	166.63	10.16	16.93	164.5mg/dl	-0.13	1.28
12	HDL CHO	DIRECT METHOD / Enzymatic colorimetric	Transasia / Erba	541	23.53	11.16	2.63	21.7mg/dl	-0.70	0.23
13	SODIUM	ISE - Direct	Transasia / Erba	282	128.91	3.39	4.37	127.2mmol/L	-0.39	0.52
14	POTASSIUM	ISE - Direct	Transasia / Erba	276	5.44	4.43	0.24	5.3mmol/L	-0.58	0.03
15	CHLORIDE	ISE - Direct	Transasia / Erba	211	108.27	4.25	4.60	104mmol/L	-0.93	0.63
16	AST	OTHERS (Any Other Principles / Methods)	Any Analyser	235	55.70	16.02	8.93	52.3 U/L	-0.38	1.16
17	ALT	OTHERS (Any Other Principles / Methods)	Any Analyser	177	172.77	17.57	30.35	209.4U/L	1.21	4.56
18	ALP	PNP AMP KINETIC	Transasia / Erba	640	48.98	20.11	9.85	53 U/L	0.41	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.

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Homogeneity and Stability of the sample is passed.

Data in CMC EQAS reports is confidential

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Pamela Christudoss

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

LAB MONTHLY SUMMARY

Lab Name PGM DIAGNOSTIC

Lab No 8451

Month September

Year 2019

Constituent Group Chemistry I

Date of Result Entered : 18/09/2019

Date of Report Published : 01/10/2019

Sl.No	Analyte	Method	No of Participants	DV	Participants		Your Value	SDI	U
					CV	SD			
1	GLUCOSE	GOD-POD	2404	134.6	9.3	12.473	132.5 mg/dl	-0.17	0.509
2	UREA	UREASE-GLDH	2427	58.8	9.0	5.298	61.1 mg/dl	0.43	0.215
3	CREATININE	JAFFES KINETIC	2392	2.3	10.6	0.248	1.9 mg/dl	-1.77	0.010
4	T.BILIRUBIN	JENDRASSIK GROF	2335	2.3	18.5	0.430	1.8 mg/dl	-1.21	0.018
5	T-PROTEIN	BIURET	2758	5.4	10.1	0.545	5.6 g/dl	0.35	0.021
6	ALBUMIN	BCG	2722	3.3	8.5	0.279	3.2 g/dl	-0.25	0.011
7	CALCIUM	ARSENAZO	1482	8.3	10.5	0.875	9.2 mg/dl	1.02	0.045
8	PHOSPHORUS	COLORIMETRIC WITHOUT PRECIPITATION	1275	3.6	17.0	0.620	3.6 mg/dl	-0.06	0.035
9	URIC ACID	ENZYMATIC	2571	3.1	23.9	0.733	2.6 mg/dl	-0.64	0.029
10	CHOLESTEROL	CHOD-PAP	2795	105.2	10.1	10.630	96 mg/dl	-0.86	0.402
11	TRIGLYCERIDE	ENZYMATIC	2586	99.7	17.4	17.335	68.3 mg/dl	-1.81	0.682
12	HDL CHO	DIRECT METHOD	1960	25.7	14.4	3.701	27.2 mg/dl	0.41	0.167
13	SODIUM	ISE	2027	131.5	3.8	4.989	129 mmol/L	-0.51	0.222
14	POTASSIUM	ISE	2028	5.1	5.8	0.295	4.9 mmol/L	-0.61	0.013
15	CHLORIDE	ISE	1485	104.2	4.5	4.650	100.3mmol/L	-0.84	0.241
16	AST	UV KINETIC	2780	38.6	17.2	6.643	34.6 U/L	-0.61	0.252
17	ALT	UV KINETIC	2803	50.0	21.8	10.901	51.3 U/L	0.12	0.412
18	ALP	PNP AMP KINETIC	2111	48.3	22.1	10.672	35 U/L	-1.25	0.465
19	AMYLASE	CNPG3	1427	185.1	24.6	45.453	237 U/L	1.14	2.406

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.

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