

Lab No.11871 - Phosphorus values of July and August month - Reg

clinqc <clinqc@cmcvellore.ac.in>
To: Gayathri Gunalan <ggsrri16@gmail.com>

Sat, Sep 9, 2023 at 9:49 AM

Dear Participant,

Greetings from CMC, Vellore.

Here with we are given below the EQAS amended reports(phosphorus) for July and August 2023 for chemistry I programme.

Please take a printout of this report and file it for your record purposes.

Lab Name **SIDDHA REGIONAL RESEARCH INSTITUTE**[Details About Robust Analysis](#)Lab No **11871**[Detail About Monthly Summary](#)Month **July**[Detail about SDI](#)Year **2023**Constituent Group **Chemistry I**[Click on the analyte to view Graphical Data](#)[All Analyser Result](#)[Print](#)

Date of Result Entered : 18/07/2023

Date of Report Published : 07/08/2023

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	GOD-POD	Biosystems	294	279.79	4.93	13.81	292 mg/dL	0.88	1.61
2	UREA	Urease UV / GLDH	Biosystems	299	62.34	7.37	4.60	57 mg/dL	-1.16	0.53
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Biosystems	228	4.28	6.67	0.28	3.84 mg/dL	-1.54	0.04
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Biosystems	265	3.20	12.24	0.39	3.6 mg/dL	1.02	0.05
5	T-PROTEIN	Biuret - Colorimetric	Biosystems	313	5.98	6.31	0.38	5.8 g/dL	-0.48	0.04
6	ALBUMIN	BCG - colorimetric	Biosystems	298	3.49	7.71	0.27	3.6 g/dL	0.41	0.03
7	CALCIUM	Arsenazo III	Biosystems	211	10.29	7.66	0.79	10.55 mg/dL	0.33	0.11
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Biosystems	118	5.11	10.14	0.52	5.08 mg/dL	-0.05	0.10
9	URIC ACID	Enzymatic / Uricase Colorimetric	Biosystems	296	6.55	8.32	0.55	7.01 mg/dL	0.84	0.06
10	CHOLESTEROL	CHOD-PAP	Biosystems	294	129.76	5.60	7.27	132 mg/dL	0.31	0.85
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Biosystems	295	155.65	8.04	12.52	173 mg/dL	1.39	1.46
12	HDL	Direct method / Enzymatic colorimetric	Biosystems	207	31.42	12.14	3.81	30.2 mg/dL	-0.32	0.53
13	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1249	133.23	2.96	3.95	135.6 mmol/L	0.60	0.22
14	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1240	4.26	4.44	0.19	4.39 mmol/L	0.69	0.01
15	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	1027	100.95	3.91	3.95	93.8 mmol/L	-1.81	0.25
16	BICARBONATE	Enzymatic - PEPC (Phosphoenolpyruvate)	Any Analyser (Automation / Semi Automation)	168	17.33	21.96	3.81	16.72 mmol/L	-0.16	0.59
17	AST	UV kinetic(with & without PLP (P-5-P))	Biosystems	296	229.73	10.37	23.82	239.5 U/L	0.41	2.77
18	ALT	UV kinetic(with & without PLP (P-5-P))	Biosystems	299	304.19	11.63	35.39	302.5 U/L	-0.05	4.09

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.

Lab Name **SIDDHA REGIONAL RESEARCH INSTITUTE**[Details About Robust Analysis](#)Lab No **11871**[Detail About Monthly Summary](#)Month **August**[Detail about SDI](#)Year **2023**Constituent Group **Chemistry I**[Click on the analyte to view Graphical Data](#)[All Analyser Result](#)[Print](#)

Date of Result Entered : 14/08/2023

Date of Report Published : 01/09/2023

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	GOD-POD	Biosystems	308	63.27	7.68	4.86	66 mg/dL	0.56	0.55
2	UREA	Urease UV / GLDH	Biosystems	285	17.76	12.65	2.25	17.6 mg/dL	-0.07	0.27
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Biosystems	238	0.90	16.05	0.14	0.84 mg/dL	-0.42	0.02
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Biosystems	197	0.72	20.14	0.15	0.66 mg/dL	-0.41	0.02
5	T-PROTEIN	Biuret - Colorimetric	Biosystems	329	5.85	6.68	0.39	5.8 g/dL	-0.13	0.04
6	ALBUMIN	BCG - colorimetric	Biosystems	305	3.40	8.25	0.28	3.1 g/dL	-1.07	0.03
7	CALCIUM	Arsenazo III	Biosystems	228	9.85	6.66	0.66	9.69 mg/dL	-0.24	0.09
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Biosystems	99	3.09	12.65	0.39	2.94 mg/dL	-0.38	0.08
9	URIC ACID	Enzymatic / Uricase Colorimetric	Biosystems	319	4.49	10.34	0.46	4.87 mg/dL	0.82	0.05
10	CHOLESTEROL	CHOD-PAP	Biosystems	327	127.85	7.35	9.40	136 mg/dL	0.87	1.04
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Biosystems	291	115.80	9.51	11.02	127 mg/dL	1.02	1.29
12	HDL	Direct method / Enzymatic colorimetric	Biosystems	222	30.72	12.52	3.84	29.5 mg/dL	-0.32	0.52
13	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1322	128.60	3.32	4.28	128.9 mmol/L	0.07	0.24
14	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1231	2.57	8.26	0.21	2.56 mmol/L	-0.05	0.01
15	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	1053	97.12	4.32	4.20	91.8 mmol/L	-1.27	0.26
16	BICARBONATE	Enzymatic - PEPC (Phosphoenolpyruvate)	Any Analyser (Automation / Semi Automation)	170	17.08	20.63	3.52	21.11 mmol/L	1.14	0.54
17	AST	UV kinetic(with & without PLP (P-5-P))	Biosystems	299	39.54	13.77	5.44	36.2 U/L	-0.61	0.63
18	ALT	UV kinetic(with & without PLP (P-5-P))	Biosystems	294	29.68	14.42	4.28	25.9 U/L	-0.88	0.50

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.

Regards,

Professor & Head,
Clinical Biochemistry EQAS team,
CMC Hospital, Vellore,
0416-2283102.

From: Gayathri Gunalan <ggsrri16@gmail.com>
Sent: Friday, September 8, 2023 12:07 PM
To: clinqc <clinqc@cmcvellore.ac.in>; SRRRI Puducherry <rresiddha@yahoo.co.in>
Subject: Lab No.11871 - Phosphorus values of July and August month - Reg

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Sir/ Madam,
As per telephonic conversation, we have received the last two months samples (July and August) and processed the same for Phosphorus also. The values are as follows:
1. Phosphorus - 5.08 mg/dl - July sample
2. Phosphorus - 2.94 mg/dl - August sample

Kindly consider these values and provide us the score sheet for the same. As we are applying for the NABL MELT Program by this September, the EQAS report is very much essential for the same. Hence, kindly send us the Score sheet for both the months including new phosphorus values. Please do the needful.

Yours faithfully,
Dr. Gayathri Gunalan
Research Officer (Biochemistry) - S II
Siddha Regional Research Institute
(Central Council for Research in Siddha,
Ministry of Ayush, Govt. of India)
Puducherry - 605013.
Ph.no : 0413-2245072

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