



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY
CMC EXTERNAL QUALITY ASSURANCE SCHEME
MONTHLY SUMMARY REPORT - JANUARY 2022



PC-1024

Lab Name **SP HITECH PATHOLOGY
LABORATORY**

Lab No **10432**

Constituent Group **Chemistry I**

Date of Result Entered : **15/01/2022**

PT item **Lyophilized Serum**

Date of Report Published : **07/02/2022**

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	GOD-POD	Any Analyser (Automation / Semi Automation)	599	131.85	7.51	9.90	142 mg/dL	1.03	0.81
2	UREA	Urease UV / GLDH	Any Analyser (Automation / Semi Automation)	514	47.49	9.10	4.32	43 mg/dL	-1.04	0.38
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Any Analyser (Automation / Semi Automation)	412	1.72	11.06	0.19	1.8 mg/dL	0.42	0.02
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Any Analyser (Automation / Semi Automation)	507	2.39	17.13	0.41	1.4 mg/dL	-2.41	0.04
5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation)	579	5.05	9.57	0.48	5 g/dL	-0.10	0.04
6	ALBUMIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation)	584	3.12	9.63	0.30	3.1 g/dL	-0.07	0.02
7	CALCIUM	Arsenazo III	Any Analyser (Automation / Semi Automation)	475	9.26	7.07	0.65	10.1 mg/dL	1.28	0.06
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Any Analyser (Automation / Semi Automation)	323	5.19	11.60	0.60	4.8 mg/dL	-0.65	0.07
9	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation)	566	7.00	11.12	0.78	7.8 mg/dL	1.03	0.07
10	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation)	574	102.81	9.03	9.29	104 mg/dL	0.13	0.78
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation)	532	131.26	10.16	13.33	147 mg/dL	1.18	1.16
12	HDL CHO	Direct method / Enzymatic colorimetric	Any Analyser (Automation / Semi Automation)	371	25.39	13.29	3.37	28 mg/dL	0.77	0.35
13	SODIUM	ISE - Indirect	Siemens (Advia Series / Dimension Series)	100	137.29	3.28	4.50	139 mmol/L	0.38	0.90
14	POTASSIUM	ISE - Indirect	Siemens (Advia Series / Dimension Series)	99	3.68	4.02	0.15	4 mmol/L	2.16	0.03
15	CHLORIDE	ISE - Indirect	Siemens (Advia Series / Dimension Series)	81	106.45	3.93	4.19	109 mmol/L	0.61	0.93
16	ALP	PNP AMP kinetic	Any Analyser (Automation / Semi Automation)	340	69.37	14.95	10.37	73 U/L	0.35	1.12
17	AMYLASE	CNPG3	Any Analyser (Automation / Semi Automation)	376	41.12	19.54	8.03	64 U/L	2.85	0.83
18	IRON	Ferro Zine (No Protein Removal)	Any Analyser (Automation / Semi Automation)	51	138.74	7.24	10.04	92 ug/dL	-4.66	2.81
19	MAGNESIUM	Xylidyl Blue	Any Analyser	147	2.12	10.44	0.22	3.1	4.45	0.04

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 :

SP HITECH PATHOLOGY LABORATORY

TRIMURTI PLAZA, NEAR PAVANA SAHAKAVI BANK, SOMATANE PHATA, TALEGAON DABHADE TAL: MAVAL

TALEGAON DABHADE DIST: PUNE

MAHARASHTRA410506

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 - FEBRUARY 2022



PC-1024

Lab Name **SP HITECH PATHOLOGY
LABORATORY**

Lab No **10432**

Constituent Group **Chemistry I**

Date of Result Entered : **16/02/2022**

PT item **Lyophilized Serum**

Date of Report Published : **05/03/2022**

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	GOD-POD	Any Analyser (Automation / Semi Automation)	636	279.83	7.93	22.19	334 mg/dL	2.44	1.76
2	UREA	Urease UV / GLDH	Any Analyser (Automation / Semi Automation)	566	29.14	11.31	3.30	31 mg/dL	0.56	0.28
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Any Analyser (Automation / Semi Automation)	480	1.14	14.51	0.17	1 mg/dL	-0.84	0.02
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Any Analyser (Automation / Semi Automation)	568	5.14	12.34	0.63	4.8 mg/dL	-0.54	0.05
5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation)	633	5.54	8.45	0.47	6.3 g/dL	1.62	0.04
6	ALBUMIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation)	617	3.39	7.94	0.27	3.3 g/dL	-0.33	0.02
7	CALCIUM	Arsenazo III	Any Analyser (Automation / Semi Automation)	529	10.32	8.98	0.93	10.7 mg/dL	0.41	0.08
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Any Analyser (Automation / Semi Automation)	350	5.98	12.73	0.76	4.5 mg/dL	-1.94	0.08
9	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation)	588	4.39	18.02	0.79	4.8 mg/dL	0.52	0.07
10	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation)	641	114.08	9.55	10.89	113 mg/dL	-0.10	0.86
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation)	599	106.17	11.25	11.94	103 mg/dL	-0.27	0.98
12	HDL CHO	Direct method / Enzymatic colorimetric	Any Analyser (Automation / Semi Automation)	399	27.45	13.75	3.78	36 mg/dL	2.26	0.38
13	SODIUM	ISE - Indirect	Any Analyser	589	134.22	3.38	4.54	137 mmol/L	0.61	0.37
14	POTASSIUM	ISE - Indirect	Siemens (Advia Series / Dimension Series)	99	4.83	5.03	0.24	4.6 mmol/L	-0.95	0.05
15	CHLORIDE	ISE - Indirect	Siemens (Advia Series / Dimension Series)	81	99.79	3.71	3.70	97 mmol/L	-0.75	0.82
16	AST	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	534	133.26	11.26	15.00	127 U/L	-0.42	1.30
17	ALT	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	525	79.11	15.06	11.91	85 U/L	0.49	1.04
18	ALP	PNP AMP kinetic	Any Analyser (Automation / Semi Automation)	457	71.29	19.10	13.62	70 U/L	-0.09	1.27
19	AMYLASE	CNPG3	Any Analyser (Automation / Semi Automation)	478	93.90	21.94	20.60	77 U/L	-0.82	1.88

			Automation)							
20	IRON	Ferro Zine (No Protein Removal)	Any Analyser (Automation / Semi Automation)	66	114.20	11.92	13.62	69 ug/dL	-3.32	3.35
21	MAGNESIUM	Xylidyl Blue	Any Analyser (Automation / Semi Automation)	188	2.71	20.07	0.55	3 mg/dL	0.53	0.08

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 :

SP HITECH PATHOLOGY LABORATORY

TRIMURTI PLAZA, NEAR PAVANA SAHAKAVI BANK, SOMATANE PHATA, TALEGAON DABHADE TAL: MAVAL

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Pamela Christudoss

Coordinator Contact Details:
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 Contact Number: 0416-2283102

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

Homogeneity and Stability of the sample is passed.

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



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY
CMC EXTERNAL QUALITY ASSURANCE SCHEME
MONTHLY SUMMARY REPORT - MARCH 2022



PC-1024

Lab Name **SP HITECH PATHOLOGY
LABORATORY**

Lab No **10432**

Constituent Group **Chemistry I**

Date of Result Entered : **18/03/2022**

PT item **Lyophilized Serum**

Date of Report Published : **06/04/2022**

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	GOD-POD	Any Analyser (Automation / Semi Automation)	684	109.22	7.91	8.64	117 mg/dL	0.90	0.66
2	UREA	Urease UV / GLDH	Any Analyser (Automation / Semi Automation)	602	81.91	9.86	8.08	78 mg/dL	-0.48	0.66
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Any Analyser (Automation / Semi Automation)	481	4.06	10.68	0.43	3 mg/dL	-2.44	0.04
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Any Analyser (Automation / Semi Automation)	585	1.64	19.45	0.32	1.6 mg/dL	-0.12	0.03
5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation)	669	5.08	8.75	0.44	5.4 g/dL	0.72	0.03
6	ALBUMIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation)	670	3.14	9.40	0.30	3 g/dL	-0.47	0.02
7	CALCIUM	Arsenazo III	Any Analyser (Automation / Semi Automation)	530	8.78	9.38	0.82	10.2 mg/dL	1.72	0.07
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Any Analyser (Automation / Semi Automation)	353	3.92	14.75	0.58	4.6 mg/dL	1.17	0.06
9	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation)	652	7.92	9.76	0.77	8.1 mg/dL	0.23	0.06
10	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation)	718	105.94	8.93	9.46	112 mg/dL	0.64	0.71
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation)	636	203.88	9.36	19.08	230 mg/dL	1.37	1.51
12	HDL CHO	Direct method / Enzymatic colorimetric	Any Analyser (Automation / Semi Automation)	460	26.17	15.35	4.02	30 mg/dL	0.95	0.37
13	SODIUM	ISE - Indirect	Any Analyser	604	124.97	4.01	5.02	123 mmol/L	-0.39	0.41
14	POTASSIUM	ISE - Indirect	Any Analyser	582	2.99	6.09	0.18	2.9 mmol/L	-0.49	0.02
15	CHLORIDE	ISE - Indirect	Any Analyser	417	91.17	5.38	4.90	87 mmol/L	-0.85	0.48
16	AST	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	596	227.23	11.16	25.36	225 U/L	-0.09	2.08
17	ALT	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	558	145.58	16.87	24.56	145 U/L	-0.02	2.08
18	ALP	PNP AMP kinetic	Any Analyser (Automation / Semi Automation)	466	187.79	15.32	28.77	210 U/L	0.77	2.67
19	AMYLASE	CNPG3	Any Analyser (Automation / Semi Automation)	439	73.18	19.36	14.17	51 U/L	-1.57	1.35
20	IRON	Ferro Zine (No Protein	Any Analyser	70	176.97	10.59	18.75	64 ug/dL	-6.03	4.48

		Removal)	(Automation / Semi Automation)							
21	MAGNESIUM	Xylidyl Blue	Any Analyser (Automation / Semi Automation)	171	2.41	15.21	0.37	3 mg/dL	1.61	0.06

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 :

SP HITECH PATHOLOGY LABORATORY

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Dr. Pamela Christudoss
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Homogeneity and Stability of the sample is passed.

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



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME

MONTHLY SUMMARY REPORT - APRIL 2022



PC-1024

Lab Name **SP HITECH PATHOLOGY
LABORATORY**

Lab No **10432**

Constituent Group **Chemistry I**

Date of Result Entered : **14/04/2022**

PT item **Lyophilized Serum**

Date of Report Published : **05/05/2022**

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	GOD-POD	Any Analyser (Automation / Semi Automation)	734	221.19	7.44	16.45	225 mg/dL	0.23	1.21
2	UREA	Urease UV / GLDH	Any Analyser (Automation / Semi Automation)	616	37.69	10.60	4.00	41 mg/dL	0.83	0.32
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Any Analyser (Automation / Semi Automation)	512	4.98	11.36	0.57	4.1 mg/dL	-1.55	0.05
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Any Analyser (Automation / Semi Automation)	599	2.95	13.65	0.40	2.6 mg/dL	-0.87	0.03
5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation)	703	5.52	8.67	0.48	6.3 g/dL	1.63	0.04
6	ALBUMIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation)	704	3.37	8.33	0.28	3.4 g/dL	0.11	0.02
7	CALCIUM	Arsenazo III	Any Analyser (Automation / Semi Automation)	549	10.54	7.61	0.80	10.9 mg/dL	0.45	0.07
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Any Analyser (Automation / Semi Automation)	386	5.92	11.34	0.67	4.6 mg/dL	-1.97	0.07
9	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation)	760	6.92	12.75	0.88	5.7 mg/dL	-1.38	0.06
10	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation)	731	111.91	8.33	9.32	130 mg/dL	1.94	0.69
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation)	697	130.06	10.64	13.84	140 mg/dL	0.72	1.05
12	HDL CHO	Direct method / Enzymatic colorimetric	Any Analyser (Automation / Semi Automation)	496	28.33	16.45	4.66	38 mg/dL	2.08	0.42
13	SODIUM	ISE - Indirect	Any Analyser	587	135.61	2.95	4.00	137 mmol/L	0.35	0.33
14	POTASSIUM	ISE - Indirect	Any Analyser	600	3.92	4.38	0.17	4.1 mmol/L	1.05	0.01
15	CHLORIDE	ISE - Indirect	Any Analyser	424	105.47	4.33	4.57	97 mmol/L	-1.85	0.44
16	AST	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	605	112.52	12.06	13.56	82 U/L	-2.25	1.10
17	ALT	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	599	55.40	18.96	10.50	65 U/L	0.91	0.86
18	ALP	PNP AMP kinetic	Any Analyser (Automation / Semi Automation)	546	122.31	19.12	23.39	130 U/L	0.33	2.00
19	AMYLASE	CNPG3	Any Analyser (Automation / Semi Automation)	488	82.45	19.42	16.01	60 U/L	-1.40	1.45
20	IRON	Ferro Zine (No Protein	Any Analyser	81	92.48	17.40	16.10	65 ug/dL	-1.71	3.58

		Removal)	(Automation / Semi Automation)							
21	MAGNESIUM	Xylidyl Blue	Any Analyser (Automation / Semi Automation)	145	3.02	15.32	0.46	3.1 mg/dL	0.17	0.08

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 :

SP HITECH PATHOLOGY LABORATORY

TRIMURTI PLAZA, NEAR PAVANA SAHAKAVI BANK, SOMATANE PHATA, TALEGAON DABHADE TAL: MAVAL

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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 2022



PC-1024

Lab Name **SP HITECH PATHOLOGY
LABORATORY**

Lab No **10432**

Constituent Group **Chemistry I**

Date of Result Entered : **16/05/2022**

PT item **Lyophilized Serum**

Date of Report Published : **08/06/2022**

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	GOD-POD	Any Analyser (Automation / Semi Automation)	740	187.21	7.55	14.14	182 mg/dL	-0.37	1.04
2	UREA	Urease UV / GLDH	Any Analyser (Automation / Semi Automation)	649	61.39	9.26	5.68	65 mg/dL	0.64	0.45
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Any Analyser (Automation / Semi Automation)	518	2.50	10.54	0.26	2.2 mg/dL	-1.14	0.02
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Any Analyser (Automation / Semi Automation)	615	3.68	14.65	0.54	3.7 mg/dL	0.04	0.04
5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation)	715	5.96	8.31	0.50	6.3 g/dL	0.69	0.04
6	ALBUMIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation)	727	3.52	8.48	0.30	3.5 g/dL	-0.07	0.02
7	CALCIUM	Arsenazo III	Any Analyser (Automation / Semi Automation)	568	11.18	8.81	0.98	10.3 mg/dL	-0.89	0.08
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Any Analyser (Automation / Semi Automation)	388	5.18	13.21	0.68	5 mg/dL	-0.26	0.07
9	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation)	617	5.12	15.52	0.79	6.7 mg/dL	2	0.06
10	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation)	712	120.28	8.16	9.81	116 mg/dL	-0.44	0.74
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation)	693	108.59	12.47	13.55	101 mg/dL	-0.56	1.03
12	HDL CHO	Direct method / Enzymatic colorimetric	Any Analyser (Automation / Semi Automation)	453	27.91	13.77	3.84	36 mg/dL	2.10	0.36
13	SODIUM	ISE - Indirect	Any Analyser	593	139.79	3.01	4.21	138 mmol/L	-0.43	0.35
14	POTASSIUM	ISE - Indirect	Any Analyser	593	4.56	5.39	0.25	4.8 mmol/L	0.98	0.02
15	CHLORIDE	ISE - Indirect	Any Analyser	445	102.53	3.97	4.07	100 mmol/L	-0.62	0.39
16	AST	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	649	65.06	14.17	9.22	68 U/L	0.32	0.72
17	ALT	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	606	47.67	19.49	9.29	52 U/L	0.47	0.75
18	ALP	PNP AMP kinetic	Any Analyser (Automation / Semi Automation)	508	101.00	17.67	17.85	108 U/L	0.39	1.58
19	AMYLASE	CNPG3	Any Analyser (Automation / Semi Automation)	457	46.60	17.80	8.29	45 U/L	-0.19	0.78
20	IRON	Ferro Zine (No Protein	Any Analyser	74	103.73	14.15	14.68	95 ug/dL	-0.59	3.41

		Removal)	(Automation / Semi Automation)							
21	MAGNESIUM	Xylidyl Blue	Any Analyser (Automation / Semi Automation)	182	2.67	16.39	0.44	2.8 mg/dL	0.30	0.06

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 :

SP HITECH PATHOLOGY LABORATORY

TRIMURTI PLAZA, NEAR PAVANA SAHAKAVI BANK, SOMATANE PHATA, TALEGAON DABHADE TAL: MAVAL

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Coordinator Contact Details:
 Email: clinqc@cmcvellore.ac.in
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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 2022



PC-1024

Lab Name **SP HITECH PATHOLOGY
LABORATORY**

Lab No **10432**

Constituent Group **Chemistry I**

Date of Result Entered : **13/06/2022**

PT item **Lyophilized Serum**

Date of Report Published : **07/07/2022**

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	DV	Participants		Your Value	SDI	U
						CV	SD			
1	GLUCOSE	GOD-POD	Any Analyser (Automation / Semi Automation)	716	141.52	7.11	10.06	162 mg/dL	2.04	0.75
2	UREA	Urease UV / GLDH	Any Analyser (Automation / Semi Automation)	631	85.87	8.79	7.55	85 mg/dL	-0.12	0.60
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Any Analyser (Automation / Semi Automation)	504	7.75	11.21	0.87	8.5 mg/dL	0.86	0.08
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Any Analyser (Automation / Semi Automation)	636	5.70	12.66	0.72	6.5 mg/dL	1.11	0.06
5	T-PROTEIN	Biuret - Colorimetric	Any Analyser (Automation / Semi Automation)	765	4.71	11.72	0.55	5.7 g/dL	1.79	0.04
6	ALBUMIN	BCG - colorimetric	Any Analyser (Automation / Semi Automation)	730	2.84	9.49	0.27	2.9 g/dL	0.22	0.02
7	CALCIUM	Arsenazo III	Any Analyser (Automation / Semi Automation)	569	8.24	10.84	0.89	8.7 mg/dL	0.51	0.07
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Any Analyser (Automation / Semi Automation)	370	3.25	16.00	0.52	5.1 mg/dL	3.56	0.05
9	URIC ACID	Enzymatic / Uricase Colorimetric	Any Analyser (Automation / Semi Automation)	703	9.70	9.92	0.96	8.2 mg/dL	-1.56	0.07
10	CHOLESTEROL	CHOD-PAP	Any Analyser (Automation / Semi Automation)	724	92.88	11.19	10.39	86 mg/dL	-0.66	0.77
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Any Analyser (Automation / Semi Automation)	677	146.19	9.44	13.80	132 mg/dL	-1.03	1.06
12	HDL CHO	Direct method / Enzymatic colorimetric	Any Analyser (Automation / Semi Automation)	486	22.93	17.68	4.05	34 mg/dL	2.73	0.37
13	SODIUM	ISE - Indirect	Any Analyser	583	113.61	4.58	5.21	113 mmol/L	-0.12	0.43
14	POTASSIUM	ISE - Indirect	Any Analyser	561	2.07	11.27	0.23	2.4 mmol/L	1.42	0.02
15	CHLORIDE	ISE - Indirect	Any Analyser	422	81.36	6.68	5.44	83 mmol/L	0.30	0.53
16	AST	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	634	49.10	12.58	6.18	52 U/L	0.47	0.49
17	ALT	UV kinetic(with & without PLP (P-5-P))	Any Analyser (Automation / Semi Automation)	561	91.62	17.58	16.11	26 U/L	-4.07	1.36
18	ALP	PNP AMP kinetic	Any Analyser (Automation / Semi Automation)	441	344.26	14.94	51.42	310 U/L	-0.67	4.90
19	AMYLASE	CNPG3	Any Analyser (Automation / Semi Automation)	456	36.72	17.85	6.55	42 U/L	0.81	0.61
20	IRON	Ferro Zine (No Protein	Any Analyser	87	175.85	13.81	24.28	91 ug/dL	-3.49	5.21

		Removal)	(Automation / Semi Automation)							
21	MAGNESIUM	Xylidyl Blue	Any Analyser (Automation / Semi Automation)	152	3.11	17.61	0.55	3.1 mg/dL	-0.02	0.09

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 ADDRESS :

SP HITECH PATHOLOGY LABORATORY

TRIMURTI PLAZA, NEAR PAVANA SAHAKAVI BANK, SOMATANE PHATA, TALEGAON DABHADE TAL: MAVAL

TALEGAON DABHADE DIST: PUNE

MAHARASHTRA410506



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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 *****