



CHRISTIAN MEDICAL COLLEGE

VELLORE, TAMIL NADU - 632004. INDIA

DEPARTMENT OF CLINICAL BIOCHEMISTRY CMC EXTERNAL QUALITY ASSURANCE SCHEME



PC-1024

MONTHLY SUMMARY REPORT - FEBRUARY 2024

LAB NO: 14938
LAB NAME: **SHIFA HOSPITAL**

CONSTITUENT GROUP

Chemistry I

Date of Result Entered: 20/02/2024

Date of Result Published: 05/03/2024

PT Item: Lyophilized human serum based

S. No.	Analyte	Method / Principle	Analyser	No. of Participants	AV	Participants		Your Value	Z Score	u*
						CV	SDPA			
1	GLUCOSE	GOD-POD	Agape	209	257.71	6.67	17.2	263 mg/dL	0.31	2.38
2	UREA	Urease UV / GLDH	Agape	218	64.51	7.34	4.74	58 mg/dL	-1.37	0.64
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Agape	110	4.97	8.9	0.44	5.3 mg/dL	0.75	0.08
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Agape	194	2.94	10.85	0.32	2.48 mg/dL	-1.44	0.05
5	T-PROTEIN	Biuret - Colorimetric	Agape	221	5.38	5.82	0.31	5.17 g/dL	-0.68	0.04
6	ALBUMIN	BCG - colorimetric	Agape	210	3.43	5.86	0.2	3.45 g/dL	0.1	0.03
7	CALCIUM	Arsenazo III	Agape	163	10.88	6.93	0.75	10.2 mg/dL	-0.91	0.12
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Agape	111	3.81	7.93	0.3	4 mg/dL	0.63	0.06
9	URIC ACID	Enzymatic / Uricase Colorimetric	Agape	216	7.68	6.07	0.47	7.4 mg/dL	-0.6	0.06
10	CHOLESTEROL	CHOD-PAP	Agape	228	107.67	7.95	8.56	98.9 mg/dL	-1.02	1.13
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Agape	221	187.73	6.28	11.79	182 mg/dL	-0.49	1.59
12	HDL	Direct method / Enzymatic colorimetric	Agape	193	27.4	8.7	2.38	26.9 mg/dL	-0.21	0.34
13	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1320	127.25	3.44	4.38	126 mmol/L	-0.29	0.24
14	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1314	4.73	5.28	0.25	4.9 mmol/L	0.68	0.01
15	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	1025	97.11	3.9	3.79	100 mmol/L	0.76	0.24
16	AST	UV kinetic(with & without PLP (P-5-P))	Agape	224	66.5	9.85	6.55	60 U/L	-0.99	0.88
17	ALT	UV kinetic(with & without PLP (P-5-P))	Agape	225	95.02	16.83	15.99	96 U/L	0.06	2.13



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S. No.	Analyte	Method / Principle	Analyser	No. of Participants	AV	Participants		Your Value	Z Score	u*
						CV	SDPA			
18	ALP	PNP DEA kinetic	Any Analyser (Automation / Semi Automation)	352	117.96	21.04	24.82	153.7 U/L	1.44	2.65
19	AMYLASE	CNPG3	Agape	100	55.65	11.77	6.55	47.6 U/L	-1.23	1.31

u* - method of uncertainty

Z-Score	Interpretation
$ z \leq 2.0$	Acceptable
$2.0 < z < 3.0$	Warning Signal
$ z \geq 3.0$	Unacceptable (Action Signal)

LAB ADDRESS

SHIFA HOSPITAL,
MANAGED BY SIMPLE MEDICAL SOLUTIONS PVT
LTD, 59, PATTUKOTTAI ROAD,
Tamil Nadu

Coordinator Contact Details:

E-Mail: clinqc@cmcvellore.ac.in
Contact No.: 0416-2283102

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 *****

Pamela Christudoss

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



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DEPARTMENT OF CLINICAL BIOCHEMISTRY CMC EXTERNAL QUALITY ASSURANCE SCHEME



PC-1024

MONTHLY SUMMARY REPORT - MARCH 2024

LAB NO: 14938
LAB NAME: **SHIFA HOSPITAL**

CONSTITUENT GROUP

Chemistry I

Date of Result Entered: 20/03/2024

Date of Result Published: 06/04/2024

PT Item: Lyophilized human serum based

S. No.	Analyte	Method / Principle	Analyser	No. of Participants	AV	Participants		Your Value	Z Score	u*
						CV	SDPA			
1	GLUCOSE	GOD-POD	Agape	215	175.08	5.97	10.46	185.8 mg/dL	1.02	1.43
2	UREA	Urease UV / GLDH	Agape	228	26.15	8.09	2.12	27.76 mg/dL	0.76	0.28
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Agape	113	1	13.83	0.14	1.13 mg/dL	0.93	0.03
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Agape	191	0.83	13.49	0.11	0.84 mg/dL	0.09	0.02
5	T-PROTEIN	Biuret - Colorimetric	Agape	226	5.64	4.73	0.27	5.64 g/dL	0	0.04
6	ALBUMIN	BCG - colorimetric	Agape	215	3.62	5.33	0.19	3.56 g/dL	-0.32	0.03
7	CALCIUM	Arsenazo III	Agape	172	10.05	5.32	0.54	10.56 mg/dL	0.94	0.08
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Agape	111	6.65	5.26	0.35	6.9 mg/dL	0.71	0.07
9	URIC ACID	Enzymatic / Uricase Colorimetric	Agape	203	3.3	9.6	0.32	4.1 mg/dL	2.5	0.04
10	CHOLESTEROL	CHOD-PAP	Agape	242	109.38	8.32	9.1	110.9 mg/dL	0.17	1.17
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Agape	217	91.69	7.88	7.22	96.3 mg/dL	0.64	0.98
12	HDL	Direct method / Enzymatic colorimetric	Agape	195	28.2	9.16	2.58	27.2 mg/dL	-0.39	0.37
13	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1339	137.32	2.73	3.75	140 mmol/L	0.71	0.2
14	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1366	3.58	4.83	0.17	3.7 mmol/L	0.71	0.01
15	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	1112	103.75	3.6	3.74	108 mmol/L	1.14	0.22
16	AST	UV kinetic(with & without PLP (P-5-P))	Agape	220	53.96	10.13	5.47	53.6 U/L	-0.07	0.74
17	ALT	UV kinetic(with & without PLP (P-5-P))	Agape	206	89.66	13.47	12.08	87.6 U/L	-0.17	1.68



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S. No.	Analyte	Method / Principle	Analyser	No. of Participants	AV	Participants		Your Value	Z Score	u*
						CV	SDPA			
18	ALP	PNP DEA kinetic	Any Analyser (Automation / Semi Automation)	383	152.11	19.81	30.13	201 U/L	1.62	3.08
19	AMYLASE	CNPG3	Agape	95	61.08	9.72	5.94	64.4 U/L	0.56	1.22

u* - method of uncertainty

Z-Score	Interpretation
$ z \leq 2.0$	Acceptable
$2.0 < z < 3.0$	Warning Signal
$ z \geq 3.0$	Unacceptable (Action Signal)

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DEPARTMENT OF CLINICAL BIOCHEMISTRY CMC EXTERNAL QUALITY ASSURANCE SCHEME



PC-1024

MONTHLY SUMMARY REPORT - APRIL 2024

LAB NO: 14938
LAB NAME: **SHIFA HOSPITAL**

CONSTITUENT GROUP

Chemistry I

Date of Result Entered: 20/04/2024

Date of Result Published: 08/05/2024

PT Item: Lyophilized human serum based

S. No.	Analyte	Method / Principle	Analyser	No. of Participants	AV	Participants		Your Value	Z Score	u*
						CV	SDPA			
1	GLUCOSE	GOD-POD	Agape	216	127.84	6.37	8.14	127.2 mg/dL	-0.08	1.11
2	UREA	Urease UV / GLDH	Agape	224	38	7.26	2.76	144.3 mg/dL	38.51	0.37
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Agape	100	1.63	10.65	0.17	1.87 mg/dL	1.41	0.03
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Agape	185	2.16	9.29	0.2	2.15 mg/dL	-0.05	0.03
5	T-PROTEIN	Biuret - Colorimetric	Agape	225	5.19	6.07	0.31	5.06 g/dL	-0.42	0.04
6	ALBUMIN	BCG - colorimetric	Agape	212	3.42	6.43	0.22	3.38 g/dL	-0.18	0.03
7	CALCIUM	Arsenazo III	Agape	172	9.38	7.23	0.68	9.73 mg/dL	0.51	0.1
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Agape	116	6.07	6.25	0.38	6.1 mg/dL	0.08	0.07
9	URIC ACID	Enzymatic / Uricase Colorimetric	Agape	227	4.96	8.61	0.43	4.8 mg/dL	-0.37	0.06
10	CHOLESTEROL	CHOD-PAP	Agape	239	103.82	9.18	9.53	103.5 mg/dL	-0.03	1.23
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Agape	168	142.13	4.64	6.59	144.3 mg/dL	0.33	1.02
12	HDL	Direct method / Enzymatic colorimetric	Agape	192	26.64	8.89	2.37	25 mg/dL	-0.69	0.34
13	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1399	130.9	3.46	4.53	130 mmol/L	-0.2	0.24
14	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1411	3.21	6.33	0.2	3.2 mmol/L	-0.05	0.01
15	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	1146	95.31	4.89	4.66	97 mmol/L	0.36	0.28
16	AST	UV kinetic(with & without PLP (P-5-P))	Agape	209	100.31	8.46	8.48	100 U/L	-0.04	1.17
17	ALT	UV kinetic(with & without PLP (P-5-P))	Agape	197	40.67	15.01	6.11	45.6 U/L	0.81	0.87



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LAB NO: 14938
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CONSTITUENT GROUP

Chemistry I

PT Item: Lyophilized human serum based

Date of Result Entered: 20/04/2024

Date of Result Published: 08/05/2024

S. No.	Analyte	Method / Principle	Analyser	No. of Participants	AV	Participants		Your Value	Z Score	u*
						CV	SDPA			
18	ALP	PNP DEA kinetic	Any Analyser (Automation / Semi Automation)	251	196.57	12.67	24.92	250.66 U/L	2.17	3.15
19	AMYLASE	CNPG3	Agape	78	49.56	8.85	4.39	49.7 U/L	0.03	0.99

u* - method of uncertainty

Z-Score	Interpretation
$ z \leq 2.0$	Acceptable
$2.0 < z < 3.0$	Warning Signal
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PC-1024

MONTHLY SUMMARY REPORT - MAY 2024

LAB NO: 14938

LAB NAME: **SHIFA HOSPITAL**

CONSTITUENT GROUP

Chemistry I

Date of Result Entered: 20/05/2024

Date of Result Published: 30/05/2024

PT Item: Lyophilized human serum based

S. No.	Analyte	Method / Principle	Analyser	No. of Participants	AV	Participants		Your Value	Z Score	u*
						CV	SDPA			
1	GLUCOSE	GOD-POD	Agape	224	177.09	5.52	9.77	183.2 mg/dL	0.63	1.31
2	UREA	Urease UV / GLDH	Agape	233	96.24	7.21	6.93	99.21 mg/dL	0.43	0.91
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Agape	93	3.74	9.57	0.36	4.08 mg/dL	0.94	0.07
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Agape	193	4.05	8.43	0.34	4.15 mg/dL	0.29	0.05
5	T-PROTEIN	Biuret - Colorimetric	Agape	227	5.24	5.88	0.31	5.26 g/dL	0.06	0.04
6	ALBUMIN	BCG - colorimetric	Agape	219	3.38	6.74	0.23	3.4 g/dL	0.09	0.03
7	CALCIUM	Arsenazo III	Agape	172	9.72	5.02	0.49	10.11 mg/dL	0.8	0.07
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Agape	115	4.89	6.07	0.3	4.8 mg/dL	-0.3	0.06
9	URIC ACID	Enzymatic / Uricase Colorimetric	Agape	222	5.8	6.79	0.39	6.2 mg/dL	1.03	0.05
10	CHOLESTEROL	CHOD-PAP	Agape	245	98.37	8.69	8.55	101.8 mg/dL	0.4	1.09
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Agape	231	163.94	7.96	13.04	165 mg/dL	0.08	1.72
12	HDL	Direct method / Enzymatic colorimetric	Agape	195	24.6	9.49	2.34	23.7 mg/dL	-0.38	0.33
13	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1410	134.02	3.08	4.13	134 mmol/L	0	0.22
14	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1427	4.73	5.73	0.27	4.9 mmol/L	0.63	0.01
15	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	1167	99.99	4.28	4.28	101 mmol/L	0.24	0.25
16	AST	UV kinetic(with & without PLP (P-5-P))	Agape	218	52.99	10.77	5.71	53 U/L	0	0.77
17	ALT	UV kinetic(with & without PLP (P-5-P))	Agape	155	110.1	11.76	12.95	115.7 U/L	0.43	2.08



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DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME



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MONTHLY SUMMARY REPORT - MAY 2024

LAB NO: 14938

LAB NAME: **SHIFA HOSPITAL**

CONSTITUENT GROUP

Chemistry I

Date of Result Entered: 20/05/2024

Date of Result Published: 30/05/2024

PT Item: Lyophilized human serum based

S. No.	Analyte	Method / Principle	Analyser	No. of Participants	AV	Participants		Your Value	Z Score	u*
						CV	SDPA			
18	ALP	PNP DEA kinetic	Any Analyser (Automation / Semi Automation)	150	112.64	10.95	12.33	185.98 U/L	5.95	2.01
19	AMYLASE	CNPG3	Agape	78	68.46	9.82	6.72	64.6 U/L	-0.57	1.52

u* - method of uncertainty

Z-Score	Interpretation
$ z \leq 2.0$	Acceptable
$2.0 < z < 3.0$	Warning Signal
$ z \geq 3.0$	Unacceptable (Action Signal)

LAB ADDRESS

SHIFA HOSPITAL,
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LTD, 59, PATTUKOTTAI ROAD,
Tamil Nadu

Coordinator Contact Details:

E-Mail: clinqc@cmcvellore.ac.in
Contact No.: 0416-2283102

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

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DEPARTMENT OF CLINICAL BIOCHEMISTRY CMC EXTERNAL QUALITY ASSURANCE SCHEME



PC-1024

MONTHLY SUMMARY REPORT - JUNE 2024

LAB NO: 14938
LAB NAME: **SHIFA HOSPITAL**

CONSTITUENT GROUP

Chemistry I

Date of Result Entered: 20/06/2024

Date of Result Published: 27/06/2024

PT Item: Lyophilized human serum based

S. No.	Analyte	Method / Principle	Analyser	No. of Participants	AV	Participants		Your Value	Z Score	u*
						CV	SDPA			
1	GLUCOSE	GOD-POD	Agape	225	314.42	6.18	19.43	325.6 mg/dL	0.58	2.59
2	UREA	Urease UV / GLDH	Agape	238	79.77	7.4	5.9	80.47 mg/dL	0.12	0.77
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Agape	120	1.64	11.64	0.19	1.69 mg/dL	0.26	0.03
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Agape	203	2.48	10.13	0.25	2.44 mg/dL	-0.16	0.04
5	T-PROTEIN	Biuret - Colorimetric	Agape	233	5.42	6.52	0.35	5.32 g/dL	-0.29	0.05
6	ALBUMIN	BCG - colorimetric	Agape	214	3.44	7.15	0.25	3.49 g/dL	0.2	0.03
7	CALCIUM	Arsenazo III	Agape	175	10.23	6.3	0.64	10.16 mg/dL	-0.11	0.1
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Agape	114	5.52	7.48	0.41	5.4 mg/dL	-0.29	0.08
9	URIC ACID	Enzymatic / Uricase Colorimetric	Agape	231	3.73	8.61	0.32	4.4 mg/dL	2.09	0.04
10	CHOLESTEROL	CHOD-PAP	Agape	246	108.75	8.16	8.87	108.1 mg/dL	-0.07	1.13
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Agape	233	97.98	8.11	7.95	103.5 mg/dL	0.69	1.04
12	HDL	Direct method / Enzymatic colorimetric	Agape	207	26.18	10.19	2.67	23.4 mg/dL	-1.04	0.37
13	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1464	125.91	3.67	4.62	125 mmol/L	-0.2	0.24
14	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1475	3.11	6.92	0.22	3.2 mmol/L	0.41	0.01
15	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	1188	93.81	5.06	4.75	91 mmol/L	-0.59	0.28
16	AST	UV kinetic(with & without PLP (P-5-P))	Agape	226	74.39	9.74	7.25	69.9 U/L	-0.62	0.96
17	ALT	UV kinetic(with & without PLP (P-5-P))	Agape	215	210.43	18.48	38.9	238.1 U/L	0.71	5.31



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DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME



PC-1024

MONTHLY SUMMARY REPORT - JUNE 2024

LAB NO: 14938

LAB NAME: **SHIFA HOSPITAL**

CONSTITUENT GROUP

Chemistry I

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Date of Result Published: 27/06/2024

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S. No.	Analyte	Method / Principle	Analyser	No. of Participants	AV	Participants		Your Value	Z Score	u*
						CV	SDPA			
18	ALP	PNP DEA kinetic	Any Analyser (Automation / Semi Automation)	444	77.94	33	25.72	91.95 U/L	0.54	2.44
19	AMYLASE	CNPG3	Agape	106	62.68	13.15	8.24	60.8 U/L	-0.23	1.6

u* - method of uncertainty

Z-Score	Interpretation
$ z \leq 2.0$	Acceptable
$2.0 < z < 3.0$	Warning Signal
$ z \geq 3.0$	Unacceptable (Action Signal)

LAB ADDRESS

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PC-1024

MONTHLY SUMMARY REPORT - JULY 2024

LAB NO: 14938

LAB NAME: **SHIFA HOSPITAL**

CONSTITUENT GROUP

Chemistry I

Date of Result Entered: 20/07/2024

Date of Result Published: 08/08/2024

PT Item: Lyophilized human serum based

S. No.	Analyte	Method / Principle	Analyser	No. of Participants	AV	Participants		Your Value	Z Score	u*
						CV	SDPA			
1	GLUCOSE	GOD-POD	Agape	232	126.6	5.93	7.51	136 mg/dL	1.25	0.99
2	UREA	Urease UV / GLDH	Agape	248	48.5	7.65	3.71	48 mg/dL	-0.13	0.47
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Agape	125	2.25	11.63	0.26	2.3 mg/dL	0.19	0.05
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Agape	219	7.23	9.73	0.7	7.36 mg/dL	0.19	0.1
5	T-PROTEIN	Biuret - Colorimetric	Agape	239	5.39	6.02	0.32	5.48 g/dL	0.28	0.04
6	ALBUMIN	BCG - colorimetric	Agape	227	3.47	6.32	0.22	3.58 g/dL	0.5	0.03
7	CALCIUM	Arsenazo III	Agape	181	10.1	6.49	0.66	10.2 mg/dL	0.15	0.1
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Agape	122	8.09	6.62	0.54	7.9 mg/dL	-0.35	0.1
9	URIC ACID	Enzymatic / Uricase Colorimetric	Agape	245	8.73	6.19	0.54	9.5 mg/dL	1.43	0.07
10	CHOLESTEROL	CHOD-PAP	Agape	256	104.84	8.43	8.84	105 mg/dL	0.02	1.1
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Agape	241	113.92	7.61	8.66	129 mg/dL	1.74	1.12
12	HDL	Direct method / Enzymatic colorimetric	Agape	213	25.19	8.62	2.17	24 mg/dL	-0.55	0.3
13	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1469	133.18	3.17	4.23	138 mmol/L	1.14	0.22
14	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1472	3.82	4.9	0.19	3.9 mmol/L	0.42	0.01
15	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	1198	97.9	4.58	4.48	101 mmol/L	0.69	0.26
16	AST	UV kinetic(with & without PLP (P-5-P))	Agape	240	105.99	10.14	10.74	108 U/L	0.19	1.39
17	ALT	UV kinetic(with & without PLP (P-5-P))	Agape	242	49.7	25.88	12.86	62 U/L	0.96	1.65



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VELLORE, TAMIL NADU - 632004. INDIA

DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME



PC-1024

MONTHLY SUMMARY REPORT - JULY 2024

LAB NO: 14938

LAB NAME: **SHIFA HOSPITAL**

CONSTITUENT GROUP

Chemistry I

Date of Result Entered: 20/07/2024

Date of Result Published: 08/08/2024

PT Item: Lyophilized human serum based

S. No.	Analyte	Method / Principle	Analyser	No. of Participants	AV	Participants		Your Value	Z Score	u*
						CV	SDPA			
18	ALP	PNP DEA kinetic	Any Analyser (Automation / Semi Automation)	467	204.62	21.42	43.84	236 U/L	0.72	4.06
19	AMYLASE	CNPG3	Agape	108	37.27	18.69	6.96	38.4 U/L	0.16	1.34

u* - method of uncertainty

Z-Score	Interpretation
$ z \leq 2.0$	Acceptable
$2.0 < z < 3.0$	Warning Signal
$ z \geq 3.0$	Unacceptable (Action Signal)

LAB ADDRESS

SHIFA HOSPITAL,
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Tamil Nadu

Coordinator Contact Details:

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DEPARTMENT OF CLINICAL BIOCHEMISTRY CMC EXTERNAL QUALITY ASSURANCE SCHEME



PC-1024

MONTHLY SUMMARY REPORT - AUGUST 2024

LAB NO: 14938

LAB NAME: **SHIFA HOSPITAL**

CONSTITUENT GROUP

Chemistry I

Date of Result Entered: 20/08/2024

Date of Result Published: 02/09/2024

PT Item: Lyophilized human serum based

S. No.	Analyte	Method / Principle	Analyser	No. of Participants	AV	Participants		Your Value	Z Score	u*
						CV	SDPA			
1	GLUCOSE	GOD-POD	Agape	238	175.15	6.42	11.25	180.1 mg/dL	0.44	1.46
2	UREA	Urease UV / GLDH	Agape	254	95.75	6.97	6.67	94.1 mg/dL	-0.25	0.84
3	CREATININE	Jaffes Kinetic - Alkaline picrate	Agape	129	3.6	10.55	0.38	3.78 mg/dL	0.47	0.07
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Agape	226	4.01	9.61	0.39	3.94 mg/dL	-0.18	0.05
5	T-PROTEIN	Biuret - Colorimetric	Agape	246	5.21	6.45	0.34	5.21 g/dL	0	0.04
6	ALBUMIN	BCG - colorimetric	Agape	235	3.4	7.98	0.27	3.43 g/dL	0.11	0.04
7	CALCIUM	Arsenazo III	Agape	189	9.71	6.19	0.6	10.1 mg/dL	0.65	0.09
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Agape	133	4.9	5.78	0.28	4.8 mg/dL	-0.36	0.05
9	URIC ACID	Enzymatic / Uricase Colorimetric	Agape	252	5.7	7.65	0.44	6.98 mg/dL	2.91	0.05
10	CHOLESTEROL	CHOD-PAP	Agape	263	98.51	8.59	8.47	99.4 mg/dL	0.11	1.04
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Agape	247	164.78	6.91	11.39	163.9 mg/dL	-0.08	1.45
12	HDL	Direct method / Enzymatic colorimetric	Agape	219	24.25	7.58	1.84	23.3 mg/dL	-0.52	0.25
13	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1499	134.52	3.11	4.18	137 mmol/L	0.59	0.22
14	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1499	4.73	5.63	0.27	4.9 mmol/L	0.63	0.01
15	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	1210	100.09	4.17	4.17	104 mmol/L	0.94	0.24
16	AST	UV kinetic(with & without PLP (P-5-P))	Agape	249	52.12	12.66	6.6	54.2 U/L	0.32	0.84
17	ALT	UV kinetic(with & without PLP (P-5-P))	Agape	250	101.13	20.17	20.39	92.9 U/L	-0.4	2.58



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VELLORE, TAMIL NADU - 632004. INDIA

DEPARTMENT OF CLINICAL BIOCHEMISTRY CMC EXTERNAL QUALITY ASSURANCE SCHEME



MONTHLY SUMMARY REPORT - AUGUST 2024

LAB NO: 14938
LAB NAME: **SHIFA HOSPITAL**

CONSTITUENT GROUP
Chemistry I

PT Item: Lyophilized human serum based

Date of Result Entered: 20/08/2024
Date of Result Published: 02/09/2024

S. No.	Analyte	Method / Principle	Analyser	No. of Participants	AV	Participants		Your Value	Z Score	u*
						CV	SDPA			
18	ALP	PNP DEA kinetic	Any Analyser (Automation / Semi Automation)	474	136.23	24.56	33.46	163.34 U/L	0.81	3.07
19	AMYLASE	CNPG3	Agape	116	64.57	13.74	8.87	67.4 U/L	0.32	1.65

u* - method of uncertainty

Z-Score	Interpretation
$ z \leq 2.0$	Acceptable
$2.0 < z < 3.0$	Warning Signal
$ z \geq 3.0$	Unacceptable (Action Signal)

LAB ADDRESS

SHIFA HOSPITAL,
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Coordinator Contact Details:

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Contact No.: 0416-2283102

Homogeneity and Stability of the sample is passed.
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***** End of Report *****

Pamela Christudoss

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DEPARTMENT OF CLINICAL BIOCHEMISTRY

CMC EXTERNAL QUALITY ASSURANCE SCHEME



PC-1024

MONTHLY SUMMARY REPORT - FEBRUARY 2024

LAB NO: 14938

LAB NAME: **SHIFA HOSPITAL**

CONSTITUENT GROUP

HbA1c

Date of Result Entered: 20/02/2024

Date of Result Published: 05/03/2024

PT Item: Lyophilized human whole blood based

S. No.	Analyte	Method / Principle	Analyser	No. of Participants	AV	Participants		Your Value	Z Score	u*
						CV	SDPA			
1	HbA1c	OTHERS (Any Other Principles / Methods)	Any Analyser (Automation / Semi Automation)	314	7.7	15.61	1.2	9.4 %	1.42	0.14

u* - method of uncertainty

Z-Score	Interpretation
$ z \leq 2.0$	Acceptable
$2.0 < z < 3.0$	Warning Signal
$ z \geq 3.0$	Unacceptable (Action Signal)

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DEPARTMENT OF CLINICAL BIOCHEMISTRY CMC EXTERNAL QUALITY ASSURANCE SCHEME



MONTHLY SUMMARY REPORT - MARCH 2024

LAB NO: 14938
LAB NAME: **SHIFA HOSPITAL**

CONSTITUENT GROUP
HbA1c

PT Item: Lyophilized human whole blood based

Date of Result Entered: 20/03/2024
Date of Result Published: 06/04/2024

S. No.	Analyte	Method / Principle	Analyser	No. of Participants	AV	Participants		Your Value	Z Score	u*
						CV	SDPA			
1	HbA1c	OTHERS (Any Other Principles / Methods)	Any Analyser (Automation / Semi Automation)	290	8.46	15.65	1.32	9.26 %	0.61	0.16

u* - method of uncertainty

Z-Score	Interpretation
$ z \leq 2.0$	Acceptable
$2.0 < z < 3.0$	Warning Signal
$ z \geq 3.0$	Unacceptable (Action Signal)

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DEPARTMENT OF CLINICAL BIOCHEMISTRY CMC EXTERNAL QUALITY ASSURANCE SCHEME



MONTHLY SUMMARY REPORT - APRIL 2024

LAB NO: 14938

LAB NAME: **SHIFA HOSPITAL**

CONSTITUENT GROUP

HbA1c

Date of Result Entered: 20/04/2024

Date of Result Published: 08/05/2024

PT Item: Lyophilized human whole blood based

S. No.	Analyte	Method / Principle	Analyser	No. of Participants	AV	Participants		Your Value	Z Score	u*
						CV	SDPA			
1	HbA1c	OTHERS (Any Other Principles / Methods)	Any Analyser (Automation / Semi Automation)	368	6.31	11.74	0.74	6.78 %	0.64	0.08

u* - method of uncertainty

Z-Score	Interpretation
$ z \leq 2.0$	Acceptable
$2.0 < z < 3.0$	Warning Signal
$ z \geq 3.0$	Unacceptable (Action Signal)

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MONTHLY SUMMARY REPORT - MAY 2024

LAB NO: 14938

LAB NAME: **SHIFA HOSPITAL**

CONSTITUENT GROUP

HbA1c

Date of Result Entered: 20/05/2024

Date of Result Published: 30/05/2024

PT Item: Lyophilized human whole blood based

S. No.	Analyte	Method / Principle	Analyser	No. of Participants	AV	Participants		Your Value	Z Score	u*
						CV	SDPA			
1	HbA1c	OTHERS (Any Other Principles / Methods)	Any Analyser (Automation / Semi Automation)	369	7.02	12.8	0.9	8.27 %	1.39	0.09

u* - method of uncertainty

Z-Score	Interpretation
$ z \leq 2.0$	Acceptable
$2.0 < z < 3.0$	Warning Signal
$ z \geq 3.0$	Unacceptable (Action Signal)

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DEPARTMENT OF CLINICAL BIOCHEMISTRY CMC EXTERNAL QUALITY ASSURANCE SCHEME



MONTHLY SUMMARY REPORT - JUNE 2024

LAB NO: 14938

LAB NAME: **SHIFA HOSPITAL**

CONSTITUENT GROUP

HbA1c

Date of Result Entered: 20/06/2024

Date of Result Published: 27/06/2024

PT Item: Lyophilized human whole blood based

S. No.	Analyte	Method / Principle	Analyser	No. of Participants	AV	Participants		Your Value	Z Score	u*
						CV	SDPA			
1	HbA1c	OTHERS (Any Other Principles / Methods)	Any Analyser (Automation / Semi Automation)	384	6.27	12.26	0.77	7.17 %	1.17	0.08

u* - method of uncertainty

Z-Score	Interpretation
$ z \leq 2.0$	Acceptable
$2.0 < z < 3.0$	Warning Signal
$ z \geq 3.0$	Unacceptable (Action Signal)

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MONTHLY SUMMARY REPORT - JULY 2024

LAB NO: 14938
LAB NAME: **SHIFA HOSPITAL**

CONSTITUENT GROUP
HbA1c

PT Item: Lyophilized human whole blood based

Date of Result Entered: 20/07/2024
Date of Result Published: 08/08/2024

S. No.	Analyte	Method / Principle	Analyser	No. of Participants	AV	Participants		Your Value	Z Score	u*
						CV	SDPA			
1	HbA1c	OTHERS (Any Other Principles / Methods)	Any Analyser (Automation / Semi Automation)	395	7.46	15.04	1.12	9.3 %	1.64	0.11

u* - method of uncertainty

Z-Score	Interpretation
$ z \leq 2.0$	Acceptable
$2.0 < z < 3.0$	Warning Signal
$ z \geq 3.0$	Unacceptable (Action Signal)

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DEPARTMENT OF CLINICAL BIOCHEMISTRY CMC EXTERNAL QUALITY ASSURANCE SCHEME



MONTHLY SUMMARY REPORT - AUGUST 2024

LAB NO: 14938

LAB NAME: **SHIFA HOSPITAL**

CONSTITUENT GROUP

HbA1c

Date of Result Entered: 20/08/2024

Date of Result Published: 02/09/2024

PT Item: Lyophilized human whole blood based

S. No.	Analyte	Method / Principle	Analyser	No. of Participants	AV	Participants		Your Value	Z Score	u*
						CV	SDPA			
1	HbA1c	OTHERS (Any Other Principles / Methods)	Any Analyser (Automation / Semi Automation)	398	6.25	11.14	0.7	9.17 %	4.17	0.07

u* - method of uncertainty

Z-Score	Interpretation
$ z \leq 2.0$	Acceptable
$2.0 < z < 3.0$	Warning Signal
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