



CHRISTIAN MEDICAL COLLEGE

DEPARTMENT OF CLINICAL BIOCHEMISTRY
CMC EXTERNAL QUALITY ASSURANCE SCHEME
MONTHLY SUMMARY REPORT - FEBRUARY 2024



PC-1024

Lab Name **MAMATA ACADEMY OF MEDICAL SCIENCES HOSPITAL**

Lab No **11421**

Constituent Group **Chemistry I**

Date of Result Entered : **10/02/2024**

PT item **Lyophilized human serum based**

Date of Report Published : **05/03/2024**

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	AV	Participants		Your Value	Z Score	u*
						CV	SDPA			
1	GLUCOSE	GOD-POD	Mindray	236	256.96	5.05	12.97	250 mg/dL	-0.54	1.69
2	UREA	Urease UV / GLDH	Mindray	284	65.15	5.63	3.67	62 mg/dL	-0.86	0.44
3	CREATININE	Jaffes End point	Any Analyser (Automation / Semi Automation)	279	5.29	10.89	0.58	5.2 mg/dL	-0.16	0.07
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Mindray	250	2.99	9.84	0.29	3.6 mg/dL	2.07	0.04
5	T-PROTEIN	Biuret - Colorimetric	Mindray	292	5.30	6.06	0.32	4.9 g/dL	-1.25	0.04
6	ALBUMIN	BCG - colorimetric	Mindray	290	3.31	6.73	0.22	3.2 g/dL	-0.49	0.03
7	CALCIUM	Arsenazo III	Mindray	238	10.55	6.86	0.72	9.9 mg/dL	-0.90	0.09
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Mindray	137	3.34	15.08	0.50	3 mg/dL	-0.68	0.09
9	URIC ACID	Enzymatic / Uricase Colorimetric	Mindray	292	7.34	6.67	0.49	8.6 mg/dL	2.57	0.06
10	CHOLESTEROL	CHOD-PAP	Mindray	295	111.57	6.67	7.44	112 mg/dL	0.06	0.87
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Mindray	291	193.18	5.96	11.52	212 mg/dL	1.63	1.35
12	HDL	Direct method / Enzymatic colorimetric	Mindray	240	26.49	8.96	2.38	23 mg/dL	-1.47	0.31
13	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1320	127.25	3.44	4.38	130.3 mmol/L	0.70	0.24
14	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1314	4.73	5.28	0.25	4.56 mmol/L	-0.68	0.01
15	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	1025	97.11	3.90	3.79	102.7 mmol/L	1.47	0.24
16	AST	UV kinetic(with & without PLP (P-5-P))	Mindray	284	70.63	9.75	6.89	65 U/L	-0.82	0.82
17	ALT	UV kinetic(with & without PLP (P-5-P))	Mindray	282	98.56	10.62	10.47	97 U/L	-0.15	1.25
18	ALP	PNP AMP kinetic	Mindray	228	93.96	12.71	11.94	70 U/L	-2.01	1.58
19	AMYLASE	CNPG3	Any Analyser (Automation / Semi Automation)	510	66.74	18.69	12.47	58 U/L	-0.70	1.10
20	IRON	Ferro Zine (No Protein Removal)	Any Analyser (Automation / Semi Automation)	415	109.81	4.62	5.08	112 ug/dL	0.43	0.50

21	MAGNESIUM	Xylidyl Blue	Mindray	38	2.92	11.99	0.35	2.9 mg/dL	-0.06	0.11
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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 :

MAMATA ACADEMY OF MEDICAL SCIENCES HOSPITAL
BACHUPALLY
HYDERABAD
TELANGANA500090



Coordinator Contact Details:
Email: clinqc@cmcvellore.ac.in
Contact Number: 0416-2283102

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 - JANUARY 2024



PC-1024

Lab Name **MAMATA ACADEMY OF MEDICAL SCIENCES HOSPITAL** Lab No **11421**
Constituent Group **Chemistry I** Date of Result Entered : **13/01/2024**
PT item **Lyophilized human serum based** Date of Report Published : **06/02/2024**

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	AV	Participants		Your Value	Z Score	u*
						CV	SDPA			
1	GLUCOSE	GOD-POD	Mindray	223	128.21	5.00	6.42	126 mg/dL	-0.34	0.86
2	UREA	Urease UV / GLDH	Mindray	250	37.99	6.36	2.42	35 mg/dL	-1.24	0.31
3	CREATININE	Jaffes End point	Any Analyser (Automation / Semi Automation)	298	1.70	9.33	0.16	2 mg/dL	1.89	0.02
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Mindray	217	2.17	9.65	0.21	2.7 mg/dL	2.54	0.03
5	T-PROTEIN	Biuret - Colorimetric	Mindray	270	5.13	6.33	0.32	5.2 g/dL	0.22	0.04
6	ALBUMIN	BCG - colorimetric	Mindray	264	3.28	5.22	0.17	3.2 g/dL	-0.47	0.02
7	CALCIUM	Arsenazo III	Mindray	208	8.83	7.67	0.68	8 mg/dL	-1.23	0.09
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Mindray	149	5.79	6.72	0.39	5.3 mg/dL	-1.26	0.06
9	URIC ACID	Enzymatic / Uricase Colorimetric	Mindray	266	4.79	7.54	0.36	4.8 mg/dL	0.03	0.04
10	CHOLESTEROL	CHOD-PAP	Mindray	258	106.92	6.70	7.16	113 mg/dL	0.85	0.89
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Mindray	266	148.77	6.14	9.14	162 mg/dL	1.45	1.12
12	HDL	Direct method / Enzymatic colorimetric	Mindray	224	26.05	9.16	2.38	25 mg/dL	-0.44	0.32
13	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1155	130.94	3.25	4.26	133 mmol/L	0.48	0.25
14	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1188	3.20	5.97	0.19	3.43 mmol/L	1.20	0.01
15	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	969	95.29	4.58	4.37	103 mmol/L	1.77	0.28
16	AST	UV kinetic(with & without PLP (P-5-P))	Mindray	259	106.59	11.26	12.01	114 U/L	0.62	1.49
17	ALT	UV kinetic(with & without PLP (P-5-P))	Mindray	261	44.00	14.50	6.38	56 U/L	1.88	0.79
18	ALP	PNP AMP kinetic	Mindray	201	200.91	13.59	27.31	164 U/L	-1.35	3.85
19	AMYLASE	CNPG3	Any Analyser (Automation / Semi Automation)	471	58.63	18.55	10.87	58 U/L	-0.06	1.00
20	IRON	Ferro Zine (No Protein Removal)	Any Analyser (Automation / Semi Automation)	404	92.34	5.35	4.94	76 ug/dL	-3.30	0.49
21	MAGNESIUM	Xylidyl Blue	Mindray	30	2.06	8.86	0.18	2.3 mg/dL	1.31	0.07

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

LAB ADDRESS :

**MAMATA ACADEMY OF MEDICAL SCIENCES HOSPITAL
BACHUPALLY
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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 - DECEMBER 2023



PC-1024

Lab Name **MAMATA ACADEMY OF MEDICAL SCIENCES HOSPITAL**

Lab No **11421**

Constituent Group **Chemistry I**

Date of Result Entered : **18/12/2023**

PT item **Lyophilized human serum based**

Date of Report Published : **02/01/2024**

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	AV	Participants		Your Value	Z Score	u*
						CV	SDPA			
1	GLUCOSE	GOD-POD	Mindray	240	203.83	5.26	10.72	213 mg/dL	0.86	1.38
2	UREA	Urease UV / GLDH	Mindray	290	111.33	7.18	8.00	116 mg/dL	0.58	0.94
3	CREATININE	Enzymatic Colorimetric	Mindray	109	8.03	4.97	0.40	7.5 mg/dL	-1.33	0.08
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Mindray	243	2.00	11.15	0.22	2.8 mg/dL	3.64	0.03
5	T-PROTEIN	Biuret - Colorimetric	Mindray	288	5.40	7.00	0.38	5.3 g/dL	-0.26	0.04
6	ALBUMIN	BCG - colorimetric	Mindray	283	3.38	6.24	0.21	3.4 g/dL	0.09	0.03
7	CALCIUM	Arsenazo III	Mindray	246	10.79	7.05	0.76	9.5 mg/dL	-1.70	0.10
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Mindray	155	5.68	8.76	0.50	5.2 mg/dL	-0.96	0.08
9	URIC ACID	Enzymatic / Uricase Colorimetric	Mindray	302	6.84	7.95	0.54	6.3 mg/dL	-0.99	0.06
10	CHOLESTEROL	CHOD-PAP	Mindray	307	119.92	6.73	8.07	131 mg/dL	1.37	0.92
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Mindray	305	124.11	8.62	10.70	134 mg/dL	0.92	1.23
12	HDL	Direct method / Enzymatic colorimetric	Mindray	241	25.29	10.07	2.55	25 mg/dL	-0.11	0.33
13	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1288	133.11	3.15	4.19	132 mmol/L	-0.27	0.23
14	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1296	4.67	5.39	0.25	4.5 mmol/L	-0.67	0.01
15	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	1055	101.34	3.81	3.86	104 mmol/L	0.69	0.24
16	AST	UV kinetic(with & without PLP (P-5-P))	Mindray	293	94.21	7.92	7.46	95 U/L	0.11	0.87
17	ALT	UV kinetic(with & without PLP (P-5-P))	Mindray	295	57.06	11.33	6.46	65 U/L	1.23	0.75
18	ALP	PNP AMP kinetic	Mindray	231	166.13	14.47	24.03	136 U/L	-1.25	3.16
19	AMYLASE	Enzymatic Colorimetric / G7PNP Blocked	Mindray	38	146.94	4.92	7.22	110 U/L	-5.11	2.34
20	IRON	Ferro Zine (No Protein Removal)	Any Analyser (Automation / Semi Automation)	411	79.92	3.76	3.00	56 ug/dL	-7.96	0.30
21	MAGNESIUM	Xylidyl Blue	Mindray	32	2.40	6.83	0.16	2.4 mg/dL	0.00	0.06

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 :

**MAMATA ACADEMY OF MEDICAL SCIENCES HOSPITAL
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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 - NOVEMBER 2023



PC-1024

Lab Name **MAMATA ACADEMY OF MEDICAL SCIENCES HOSPITAL**

Lab No **11421**

Constituent Group **Chemistry I**

Date of Result Entered : **20/11/2023**

PT item **Lyophilized human serum based**

Date of Report Published : **05/12/2023**

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	AV	Participants		Your Value	Z Score	u*
						CV	SDPA			
1	GLUCOSE	GOD-POD	Mindray	245	96.63	6.20	5.99	103 mg/dL	1.06	0.77
2	UREA	Urease UV / GLDH	Mindray	283	92.53	6.64	6.14	96 mg/dL	0.56	0.73
3	CREATININE	Enzymatic Colorimetric	Mindray	103	1.15	7.12	0.08	1.2 mg/dL	0.61	0.02
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Mindray	242	7.92	8.03	0.64	808 mg/dL	1250.12	0.08
5	T-PROTEIN	Biuret - Colorimetric	Mindray	297	3.94	7.56	0.30	3.6 g/dL	-1.14	0.03
6	ALBUMIN	BCG - colorimetric	Mindray	275	2.50	9.49	0.24	2.6 g/dL	0.42	0.03
7	CALCIUM	Arsenazo III	Mindray	238	8.25	5.65	0.47	9.8 mg/dL	3.33	0.06
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Mindray	173	6.28	10.84	0.68	5 mg/dL	-1.88	0.10
9	URIC ACID	Enzymatic / Uricase Colorimetric	Mindray	273	3.31	8.49	0.28	3.4 mg/dL	0.32	0.03
10	CHOLESTEROL	CHOD-PAP	Mindray	305	75.30	8.52	6.41	82 mg/dL	1.04	0.73
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Mindray	283	161.34	7.72	12.46	170 mg/dL	0.69	1.48
12	HDL	Direct method / Enzymatic colorimetric	Mindray	237	19.10	11.24	2.15	15 mg/dL	-1.91	0.28
13	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1238	121.75	3.92	4.78	122.7 mmol/L	0.20	0.27
14	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1237	3.31	5.63	0.19	3.42 mmol/L	0.59	0.01
15	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	1025	90.44	5.32	4.81	98.3 mmol/L	1.63	0.30
16	AST	UV kinetic(with & without PLP (P-5-P))	Mindray	290	109.37	9.80	10.72	83 U/L	-2.46	1.26
17	ALT	UV kinetic(with & without PLP (P-5-P))	Mindray	282	30.51	14.15	4.32	30 U/L	-0.12	0.51
18	ALP	PNP AMP kinetic	Mindray	215	113.12	13.62	15.40	141 U/L	1.81	2.10
19	AMYLASE	Enzymatic Colorimetric / G7PNP Blocked	Mindray	45	38.92	8.58	3.34	42 U/L	0.92	1.00
20	IRON	Ferro Zine (No Protein Removal)	Any Analyser (Automation / Semi Automation)	412	102.60	5.16	5.29	101 ug/dL	-0.30	0.52
21	MAGNESIUM	Xylidyl Blue	Mindray	26	3.69	13.04	0.48	3.3 mg/dL	-0.81	0.19

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 :

**MAMATA ACADEMY OF MEDICAL SCIENCES HOSPITAL
BACHUPALLY
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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 - OCTOBER 2023



PC-1024

Lab Name **MAMATA ACADEMY OF MEDICAL SCIENCES HOSPITAL** Lab No **11421**
Constituent Group **Chemistry I** Date of Result Entered : **17/10/2023**
PT item **Lyophilized human serum based** Date of Report Published : **04/11/2023**

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	AV	Participants		Your Value	Z Score	u*
						CV	SDPA			
1	GLUCOSE	GOD-POD	Mindray	232	363.43	5.06	18.40	361 mg/dL	-0.13	2.42
2	UREA	Urease UV / GLDH	Mindray	276	43.46	6.10	2.65	45 mg/dL	0.58	0.32
3	CREATININE	Enzymatic Colorimetric	Mindray	106	7.69	5.78	0.44	6.6 mg/dL	-2.46	0.09
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Mindray	243	1.36	12.45	0.17	1.8 mg/dL	2.60	0.02
5	T-PROTEIN	Biuret - Colorimetric	Mindray	292	4.90	6.57	0.32	4.8 g/dL	-0.31	0.04
6	ALBUMIN	BCG - colorimetric	Mindray	283	3.10	6.62	0.20	3.1 g/dL	0.00	0.02
7	CALCIUM	Arsenazo III	Mindray	230	11.43	6.75	0.77	10.4 mg/dL	-1.34	0.10
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Mindray	163	3.36	13.00	0.44	3.7 mg/dL	0.78	0.07
9	URIC ACID	Enzymatic / Uricase Colorimetric	Mindray	285	10.23	6.26	0.64	9.6 mg/dL	-0.98	0.08
10	CHOLESTEROL	CHOD-PAP	Mindray	290	101.59	6.61	6.71	104 mg/dL	0.36	0.79
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Mindray	270	80.28	9.41	7.55	82 mg/dL	0.23	0.92
12	HDL	Direct method / Enzymatic colorimetric	Mindray	231	24.08	10.07	2.43	14 mg/dL	-4.15	0.32
13	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1261	137.19	2.84	3.90	140 mmol/L	0.72	0.22
14	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1266	5.62	6.65	0.37	5.5 mmol/L	-0.32	0.02
15	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	1070	102.76	4.00	4.11	106 mmol/L	0.79	0.25
16	AST	UV kinetic(with & without PLP (P-5-P))	Mindray	284	98.18	8.38	8.22	99 U/L	0.10	0.98
17	ALT	UV kinetic(with & without PLP (P-5-P))	Mindray	291	131.79	13.83	18.23	144 U/L	0.67	2.14
18	ALP	PNP AMP kinetic	Mindray	195	486.50	11.81	57.47	387 U/L	-1.73	8.23
19	AMYLASE	Enzymatic Colorimetric / G7PNP Blocked	Mindray	47	207.38	8.93	18.51	140 U/L	-3.64	5.40
20	IRON	Ferro Zine (No Protein Removal)	Any Analyser (Automation / Semi Automation)	415	170.84	2.11	3.60	188 ug/dL	4.76	0.35
21	MAGNESIUM	Xylidyl Blue	Mindray	31	1.50	12.71	0.19	1.4 mg/dL	-0.52	0.07

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 :

**MAMATA ACADEMY OF MEDICAL SCIENCES HOSPITAL
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Contact Number: 0416-2283102

Pamela Christudoss

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

**Homogeneity and Stability of the sample is passed.
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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 - SEPTEMBER 2023



PC-1024

Lab Name **MAMATA ACADEMY OF MEDICAL SCIENCES HOSPITAL**

Lab No **11421**

Constituent Group **Chemistry I**

Date of Result Entered : **20/09/2023**

PT item **Lyophilized human serum based**

Date of Report Published : **05/10/2023**

Sl.No	Analyte	Method / Principle Name	Analyzer Name	No of Participants	AV	Participants		Your Value	Z Score	u*
						CV	SDPA			
1	GLUCOSE	GOD-POD	Mindray	233	209.44	4.53	9.48	209 mg/dL	-0.05	1.24
2	UREA	Urease UV / GLDH	Mindray	279	112.84	6.81	7.68	130 mg/dL	2.23	0.92
3	CREATININE	Enzymatic Colorimetric	Mindray	100	8.12	5.28	0.43	10.5 mg/dL	5.53	0.09
4	T.BILIRUBIN	Diazonium salt (Colorimetric) / Jendrassik	Mindray	239	1.99	11.69	0.23	2.6 mg/dL	2.62	0.03
5	T-PROTEIN	Biuret - Colorimetric	Mindray	300	5.49	7.60	0.42	5 g/dL	-1.18	0.05
6	ALBUMIN	BCG - colorimetric	Mindray	282	3.41	5.55	0.19	3.4 g/dL	-0.05	0.02
7	CALCIUM	Arsenazo III	Mindray	238	10.82	6.93	0.75	9.1 mg/dL	-2.29	0.10
8	PHOSPHORUS	Molybdate UV / Phosphomolybdate complex	Mindray	177	5.66	10.41	0.59	2.5 mg/dL	-5.36	0.09
9	URIC ACID	Enzymatic / Uricase Colorimetric	Mindray	288	6.84	7.09	0.48	8.3 mg/dL	3.01	0.06
10	CHOLESTEROL	CHOD-PAP	Mindray	297	121.14	6.65	8.06	128 mg/dL	0.85	0.93
11	TRIGLYCERIDE	GPO-PAP / Enzymatic Colorimetric / End Point	Mindray	269	125.71	7.53	9.47	184 mg/dL	6.16	1.15
12	HDL	Direct method / Enzymatic colorimetric	Mindray	232	25.73	8.36	2.15	25 mg/dL	-0.34	0.28
13	SODIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1285	133.72	2.84	3.80	134.4 mmol/L	0.18	0.21
14	POTASSIUM	ISE - Direct	Any Analyser (Automation / Semi Automation)	1286	4.72	5.34	0.25	4.66 mmol/L	-0.24	0.01
15	CHLORIDE	ISE - Direct	Any Analyser (Automation / Semi Automation)	1046	101.71	3.64	3.70	102.8 mmol/L	0.29	0.23
16	AST	UV kinetic(with & without PLP (P-5-P))	Mindray	281	95.82	8.15	7.81	101 U/L	0.66	0.93
17	ALT	UV kinetic(with & without PLP (P-5-P))	Mindray	284	56.97	11.16	6.36	64 U/L	1.11	0.75
18	ALP	PNP AMP kinetic	Mindray	212	170.34	16.21	27.61	144 U/L	-0.95	3.79
19	AMYLASE	Enzymatic Colorimetric / G7PNP Blocked	Mindray	46	145.47	8.99	13.08	111 U/L	-2.64	3.86
20	IRON	Ferro Zine (No Protein Removal)	Any Analyser (Automation / Semi Automation)	415	75.72	4.18	3.16	62 ug/dL	-4.34	0.31
21	MAGNESIUM	Xylidyl Blue	Mindray	30	2.32	10.73	0.25	2.8 mg/dL	1.92	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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**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 *******