

Report Date : 13/02/2024

Instrument : Erba EM 200

Analyte	Standard Unit	Result Value	Mean	Z-Score	RMZ
@ HDL	mg/dl	38.60	36.92	0.15	-0.09
@ ALT	U/L	12.40	20.02	-0.95	1.37
@ AST	U/L	23.90	40.28	-1.53	0.57

Instrument : CKK LYE - ARK DIAGNOSTICS

Analyte	Standard Unit	Result Value	Mean	Z-Score	RMZ
@ Chloride	mmol/L	120.00	121.35	-0.28	0.37
@ Sodium	mmol/L	162.00	155.30	0.25	1.31
@ Potassium	mmol/L	7.04	6.53	0.40	1.91

Legend @ Acceptable

- 2.0 < z score < 3.0 - Warning
- X z score ≥ 3 - Unacceptable
- # Not Evaluated
- ⊙ Delayed Result Entry
- * Not considered for evaluation.

Total Parameters	6
Not Evaluated Parameters	0
Evaluated Parameters	6
Outlier Parameters (X)	0
EQAS Score Biochemistry	100.00 %

Outlier Details For Cycle No 230412 and Sample No 03

Report Date : 13/02/2024

Analyte	Instrument	Result Value	Standard Unit	Z-Score
No Outlier				
Legend @ z score ≤ 2.0 - Acceptable				
2.0 < z score < 3.0 - Warning				
X z score ≥ 3 - Unacceptable				
# Not Evaluated				
⊙ Delayed Result Entry				
* Not considered for evaluation				

Problem Classification:

No outliers

Corrective Action:

Reviewed by:

Dated:

Puneet
(Dr Puneet Nigam)

Dr Nigam

Dr Puneet Kumar Nigam
PT coordinator & Technical Manager, MHL EQAS
Unit No 409-416
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Mumbai - 400070

Analyte	Instrument	Result Value	Standard Unit	Z-Score
Urea	Erba EM 200	26.50	mg/dl	2.66
Legend @ z score ≤ 2.0 - Acceptable 2.0 < z score < 3.0 - Warning X z score ≥ 3 - Unacceptable # Not Evaluated ⊙ Delayed Result Entry * Not considered for evaluation.				

Problem Classification: No outliers

Corrective Action:

Reviewed by: _____ Dated: _____

Dr. Pasimta K
(Dr. Pasimta K)

Instrument : Erba EM 200

Analyte	Standard Unit	Result Value	Mean	Z-Score	RMZ
@ Glucose	mg/dl	78.40	74.37	1.03	-0.11
Urea	mg/dl	26.50	21.43	2.66	0.47
@ Creatinine	mg/dl	0.74	0.77	-0.05	0.29
@ Bilirubin Total	mg/dl	0.32	0.34	0.04	0.22
@ Bilirubin Direct	mg/dl	0.09	0.13	-0.64	-0.02
@ Total Protein	g/dL	5.75	6.09	-0.64	-0.52
@ Albumin	g/dL	3.41	3.54	-0.80	0.44
@ Uric Acid	mg/dl	3.40	4.20	-1.91	-0.29
@ Calcium	mg/dl	6.80	6.62	0.31	0.17
@ Phosphorous Inorganic	mg/dl	5.50	5.11	1.38	-0.30
@ Magnesium	mg/dl	1.64	1.85	-0.68	1.22
@ Cholesterol	mg/dl	128.00	124.73	0.37	-0.33
@ Triglycerides	mg/dl	135.50	145.58	-0.77	-0.35
@ LDL	mg/dl	72.90	81.76	-0.44	-0.03
@ ALP	U/L	42.00	43.60	-0.25	1.20
@ CK	U/L	31.20	30.14	0.76	-0.12
@ GGT	U/L	25.00	22.62	1.05	-0.13
@ LDH	U/L	230.00	236.95	0.26	2.12
@ Amylase	U/L	42.00	38.00	0.80	-0.67
@ Lipase	U/L	28.40	34.65	-0.94	0.31

Instrument : CKK LYE - ARK DIAGNOSTICS

Analyte	Standard Unit	Result Value	Mean	Z-Score	RMZ
@ Chloride	mmol/L	89.30	92.50	0.69	0.37
@ Sodium	mmol/L	118.10	117.75	0.76	1.31
@ Potassium	mmol/L	4.40	4.10	1.65	1.91



Metropolis Healthcare Ltd., EQAS

SPARSHA DIAGNOSTICS (430)

Outlier And Analyte Summary Report

Result Details For Cycle No 230412 and Sample No 02

Report Date : 13/02/2024

- Legend @ : Acceptable
○ : 2.0 < z score < 3.0 - Warning
X : z score ≥3 - Unacceptable
: Not Evaluated
⊙ : Delayed Result Entry
* : Not considered for evaluation.

Total Parameters	23
Not Evaluated Parameters	0
Evaluated Parameters	23
Outlier Parameters (X)	0
EQAS Score Biochemistry	100.00 %

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Analyte	Instrument	Result Value	Standard Unit	Z-Score
X Urea	Erba EM 200	29.00	mg/dl	3.67

Legend @ z score ≤ 2.0 - Acceptable
2.0 < z score < 3.0 - Warning
X z score ≥ 3 - Unacceptable
Not Evaluated
⊖ Delayed Result Entry
* Not considered for evaluation.

Problem Classification: Random error → Urea.

Corrective Action: Calibration done. Calibration passed for Urea.

QC was performed and the QC results were within the normal range.

Reviewed by: _____

Dated: 17/02/24

Dr. Parinita (X)

Instrument : Erba EM 200

Analyte	Standard Unit	Result Value	Mean	Z-Score	RMZ
X Urea	mg/dl	29.00	20.58	3.67	0.47
@ Creatinine	mg/dl	0.81	0.71	1.43	0.29
@ Bilirubin Total	mg/dl	0.09	0.13	-0.47	0.22
@ Total Protein	g/dL	5.41	5.61	-0.45	-0.52
@ Albumin	g/dL	3.30	3.39	-0.50	0.44
@ Uric Acid	mg/dl	3.30	4.04	-1.94	-0.29
@ Calcium	mg/dl	7.30	6.96	0.51	0.17
@ Phosphorous Inorganic	mg/dl	5.68	5.22	1.15	-0.30
@ Magnesium	mg/dl	1.69	1.82	-0.07	1.22
@ Cholesterol	mg/dl	134.00	128.19	0.71	-0.33
@ Triglycerides	mg/dl	118.70	123.20	-0.39	-0.35
@ HDL	mg/dl	28.20	26.66	0.41	-0.09
@ LDL	mg/dl	81.00	78.72	0.63	-0.03
@ ALT	U/L	8.30	9.40	-0.46	1.37
@ AST	U/L	11.90	14.75	-1.19	0.57
@ ALP	U/L	42.00	45.68	-0.34	1.20
@ CK	U/L	37.90	41.16	0.36	-0.12
@ GGT	U/L	22.00	21.30	0.12	-0.13
@ LDH	U/L	259.00	260.73	0.33	2.12
@ Amylase	U/L	32.00	30.06	0.43	-0.67
@ Lipase	U/L	32.50	35.49	-0.51	0.31

Instrument : CKK LYE - ARK DIAGNOSTICS

Analyte	Standard Unit	Result Value	Mean	Z-Score	RMZ
@ Chloride	mmol/L	87.40	87.40	0.92	0.37
@ Sodium	mmol/L	116.80	116.75	0.79	1.31
@ Potassium	mmol/L	4.18	3.94	1.26	1.91



Metropolis Healthcare Ltd., EQAS

SPARSHA DIAGNOSTICS (430)

Outlier And Analyte Summary Report

Result Details For Cycle No 230412 and Sample No 01

Report Date : 13/02/2024

- Legend @ : Acceptable
! : $2.0 < z \text{ score} < 3.0$ - Warning
X : $z \text{ score} \geq 3$ - Unacceptable
: Not Evaluated
⊙ : Delayed Result Entry
* : Not considered for evaluation.

Total Parameters	24
Not Evaluated Parameters	0
Evaluated Parameters	24
Outlier Parameters (X)	1
EQAS Score Biochemistry	95.83 %

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