

Instrument : Diasys Sys 200

Analyte	Standard Unit	Result Value	Mean	Z-Score	RMZ
@ Glucose	mg/dl	80.30	80.00	0.89	0.25
@ Urea	mg/dl	21.70	21.42	0.54	0.04
@ Creatinine	mg/dl	1.20	1.47	-0.56	-0.32
@ Bilirubin Total	mg/dl	2.70	2.83	0.47	0.80
@ Bilirubin Direct	mg/dl	0.30	0.26	0.00	1.03
@ Total Protein	g/dL	5.60	5.30	-0.26	-0.40
@ Albumin	g/dL	3.70	3.23	0.82	0.85
@ Uric Acid	mg/dl	4.20	3.90	0.07	-0.51
@ Calcium	mg/dl	6.70	7.12	-0.87	-0.24
@ Phosphorous Inorganic	mg/dl	3.80	4.55	-0.04	-0.09
@ Cholesterol	mg/dl	141.00	140.03	0.46	0.25
@ Triglycerides	mg/dl	122.80	115.13	1.49	-0.25
@ HDL	mg/dl	22.50	19.30	1.13	-0.71
@ ALP	U/L	45.00	43.33	0.10	1.81
@ GGT	U/L	23.00	24.00	-0.06	-0.26
LDH	U/L	10.00	12.35	-2.66	-1.15
@ Amylase	U/L	54.00	50.00	-0.13	-0.27
@ Lipase	U/L	70.00	--	-1.30	2.33

Instrument : ILIYTE

Analyte	Standard Unit	Result Value	Mean	Z-Score	RMZ
@ Chloride	mmol/L	82.60	83.35	0.03	0.71
@ Sodium	mmol/L	105.20	115.10	-0.74	-0.39
@ Potassium	mmol/L	3.60	3.77	0.05	-0.29

Instrument : Diasys Sys 200

Analyte	Standard Unit	Result Value	Mean	Z-Score	RMZ
@ Glucose	mg/dl	80.90	79.87	0.49	0.25
@ Creatinine	mg/dl	0.80	0.90	0.09	-0.32
@ Albumin	g/dL	4.30	3.77	1.23	0.85
@ Uric Acid	mg/dl	4.80	4.23	1.19	-0.51
@ Calcium	mg/dl	8.00	7.90	-0.02	-0.24
# ALT	U/L	2.00	2.87		-0.13
@ AST	U/L	13.00	13.33	-0.35	-0.06

Instrument : ILILYTE

Analyte	Standard Unit	Result Value	Mean	Z-Score	RMZ
@ Chloride	mmol/L	127.50	117.85	0.88	0.71
@ Sodium	mmol/L	174.80	176.90	-0.15	-0.39
@ Potassium	mmol/L	6.44	6.32	-0.45	-0.29

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	10
Not Evaluated Parameters	1
Evaluated Parameters	9
Outlier Parameters (X)	0
EQAS Score Biochemistry	100.00 %

Dr Puneet Kumar Nigam

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Instrument : ERBA H 560

Analyte	Standard Unit	Result Value	Mean	Z-Score	RMZ
@ Erythrocyte (RBC) Count	mill/cu.mm	0.95	1.04	-1.84	-0.34
@ Total Leucocytes (WBC) count	/c.mm	2440.00	2428.00	-0.27	0.40
@ Haemoglobin	g/dL	2.80	2.90	-0.09	0.05
@ MCV (Mean Corpuscular Volume)	fL	134.80	133.80	0.00	0.12
@ MCH (Mean Corpuscular Hb)	pg	29.30	27.62	0.43	0.16
@ MCHC (Mean Corpuscular Hb Concentration)	g/dL	21.70	20.65	0.53	0.06
@ Platelet Count	1000/ μ L	91.00	95.00	0.79	1.78
@ Hematocrit	%	12.80	14.08	-0.62	-0.13

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	8
Not Evaluated Parameters	0
Evaluated Parameters	8
Outlier Parameters (X)	0
EQAS Score Haematology - CBC	100.00 %

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Instrument : ERBA H 560

Analyte	Standard Unit	Result Value	Mean	Z-Score	RMZ
Erythrocyte (RBC) Count	mill/cu.mm	1.33	1.46	-2.03	-0.34
@ Total Leucocytes (WBC) count	/c.mm	4550.00	4504.00	-0.30	0.40
@ Haemoglobin	g/dL	4.20	4.32	-0.93	0.05
@ MCV (Mean Corpuscular Volume)	fL	137.50	137.23	0.09	0.12
@ MCH (Mean Corpuscular Hb)	pg	31.90	29.74	0.95	0.16
@ MCHC (Mean Corpuscular Hb Concentration)	g/dL	23.20	21.98	0.52	0.06
@ Platelet Count	1000/ μ L	175.00	169.00	1.46	1.78
@ Hematocrit	%	18.20	20.23	-1.05	-0.13

Legend @ : Acceptable

| : 2.0 < z score < 3.0 - Warning

X : z score \geq 3 - Unacceptable

: Not Evaluated

⊙ : Delayed Result Entry

* : Not considered for evaluation.

Total Parameters	8
Not Evaluated Parameters	0
Evaluated Parameters	8
Outlier Parameters (X)	0
EQAS Score Haematology - CBC	100.00 %

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Instrument : Diasys Sys 200

Analyte	Standard Unit	Result Value	Mean	Z-Score	RMZ
@ HbA1c	%	7.60	7.60	0.97	0.15

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	1
Not Evaluated Parameters	0
Evaluated Parameters	1
Outlier Parameters (X)	0
EQAS Score HbA1c	100.00 %

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Instrument : Diasys Sys 200

Analyte	Standard Unit	Result Value	Mean	Z-Score	RMZ
@ HbA1c	%	6.40	5.80	1.93	0.15

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	1
Not Evaluated Parameters	0
Evaluated Parameters	1
Outlier Parameters (X)	0
EQAS Score HbA1c	100.00 %

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Instrument : Manual

Analyte	Standard Unit	Result Value	Accepted Value
@ Widal test - Typhi O antigen (TO)	-	No Agglutination	1:80,NoA
@ Widal test - Typhi H antigen (TH)	-	No Agglutination	1:80,NoA
@ Widal test - ParaTyphi A-H antigen (AH)	-	No Agglutination	1:80,NoA
@ Widal test - ParaTyphi B-H antigen (BH)	-	No Agglutination	1:80,NoA
@ HIV Ag + Ab	S/CO	Non-reactive	Non-reactive
@ HBsAg	IU/mL	Non-reactive	Non-reactive
@ HCV	IU/mL	Non-reactive	Non-reactive
@ Dengue NS 1	RU/ml	Negative	Negative
@ HIV Ab	S/CO	Non-reactive	Non-reactive
@ Typhidot IgM	-	Negative	Negative

Legend @ : Acceptable
 @ : Acceptable
 X : Unacceptable
 # : Not Evaluated
 Ⓞ : Delayed Result Entry

Total Parameters	10
Not Evaluated Parameters	0
Evaluated Parameters	10
Outlier Parameters (X)	0
EQAS Score Immunoassay Extended	100.00 %

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Instrument : Manual

Analyte	Standard Unit	Result Value	Accepted Value
X HIV Ag + Ab	S/CO	Non-reactive	Reactive
X HIV Ab	S/CO	Non-reactive	HIV-1 Ab Reactive
@ Widal test - Typhi O antigen (TO)	-	No Agglutination	1:80,NoA
@ Widal test - Typhi H antigen (TH)	-	No Agglutination	1:80,NoA
@ Widal test - ParaTyphi A-H antigen (AH)	-	No Agglutination	1:80,NoA
@ Widal test - ParaTyphi B-H antigen (BH)	-	No Agglutination	1:80,NoA
@ HBsAg	IU/mL	Reactive	Reactive
@ HCV	IU/mL	Non-reactive	Non-reactive
@ Dengue NS 1	RU/ml	Negative	Negative
@ Typhidot IgM	-	Negative	Negative

Legend @ : Acceptable

@ : Acceptable

X : Unacceptable

: Not Evaluated

Ⓢ : Delayed Result Entry

Total Parameters	10
Not Evaluated Parameters	0
Evaluated Parameters	10
Outlier Parameters (X)	2
EQAS Score Immunoassay Extended	80.00 %

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Instrument : Manual

Analyte	Standard Unit	Result Value	Accepted Value
X HIV Ag + Ab	S/CO	Non-reactive	Reactive
X HIV Ab	S/CO	Non-reactive	HIV-1 Ab Reactive
@ HBsAg	IU/mL	Reactive	Reactive
@ HCV	IU/mL	Reactive	Reactive

Legend @ : Acceptable
 @ : Acceptable
 X : Unacceptable
 # : Not Evaluated
 ⊙ : Delayed Result Entry

Total Parameters	4
Not Evaluated Parameters	0
Evaluated Parameters	4
Outlier Parameters (X)	2
EQAS Score Immunoassay Extended	50.00 %

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Instrument : Diasys Sys 200

Analyte	Standard Unit	Result Value	Mean	Z-Score	RMZ
X LDH	U/L	44.00	103.60	-7.22	-1.15
# Urea	mg/dl	23.40	21.67		0.04
@ Creatinine	mg/dl	0.80	0.90	0.19	-0.32
@ Bilirubin Total	mg/dl	0.30	0.23	0.90	0.80
@ Total Protein	g/dL	6.00	5.30	0.68	-0.40
@ Albumin	g/dL	3.60	3.10	0.82	0.85
@ Uric Acid	mg/dl	4.40	3.84	0.64	-0.51
@ Calcium	mg/dl	6.90	6.93	-0.53	-0.24
@ Phosphorous Inorganic	mg/dl	3.90	3.60	-0.40	-0.09
@ Cholesterol	mg/dl	143.60	135.40	1.23	0.25
@ Triglycerides	mg/dl	125.30	118.40	0.30	-0.25
@ HDL	mg/dl	35.09	33.61	0.87	-0.71
@ ALT	U/L	14.00	13.67	0.13	-0.13
@ AST	U/L	27.00	27.00	0.27	-0.06
@ ALP	U/L	41.00	41.00	-0.52	1.81
@ GGT	U/L	26.00	26.00	0.11	-0.26
@ Amylase	U/L	60.00	58.63	-0.09	-0.27
@ Lipase	U/L	74.50	--	-1.53	2.33

Instrument : ILIYTE

Analyte	Standard Unit	Result Value	Mean	Z-Score	RMZ
@ Chloride	mmol/L	80.40	79.25	0.08	0.71
@ Sodium	mmol/L	104.20	110.10	-0.66	-0.39
@ Potassium	mmol/L	3.55	3.67	0.13	-0.29

Analyte	Instrument	Result Value	Standard Unit	Z-Score
X LDH	Diasys Sys 200	44.00	U/L	-7.22
Legend @ : z score \leq 2.0 - Acceptable ! : 2.0 < z score < 3.0 - Warning X : z score \geq 3 - Unacceptable # : Not Evaluated ⊙ : Delayed Result Entry * : Not considered for evaluation.				

Problem Classification: _____

Corrective Action:

The QC result on that day 25/12/23 was within 2SD limit and result of the patient has been satisfactory, Probability it was random error for this test, will observe the QC next time.

Reviewed by: _____

Am

Dated: _____

25/12/23