

**Metropolis Healthcare Ltd., EQAS**

TRUSTLAB DIAGNOSTICS PVT LTD (837)

**Outlier And Analyte Summary Report**

Result Details For Cycle No 240412 and Sample No 01

Report Date : 20/02/2025

Instrument : Beckman Coulter DxC 700 AU

Analyte	Standard Unit	Result Value	Mean	Z-Score	RMZ
① IgE	Ku/L	369.20	385.29	-0.19	1.23

Instrument : Beckman Coulter UniCel Dxl 800

Analyte	Standard Unit	Result Value	Mean	Z-Score	RMZ
① 25 (OH) Vitamin D, Total	ng/mL	18.95	22.86	-2.13	0.14
① AMH	ng/mL	4.32	4.08	1.44	1.06
① Estradiol	pg/ml	238.68	243.42	-0.62	0.39
① Ferritin	ng/mL	77.30	79.28	-0.90	0.99
① FSH	mIU/ml	27.74	25.89	0.63	0.49
① FT3	pg/ml	2.49	2.82	-1.46	0.34
① FT4	ng/dl	1.19	0.95	-0.11	-0.06
① Insulin	μiu/ml	12.65	14.78	-0.50	0.78
① LH	mIU/ml	15.58	13.84	1.74	0.99
② PAPPa	mIU/ml	0.65			691.32
① T3	ng/dl	114.30	116.88	-0.45	0.20
① T4	μg/dL	6.70	8.34	-1.80	0.69
① Testosterone	ng/dl	148.00	146.78	-0.50	-0.09
① TSH	μiu/ml	3.12	3.06	-0.06	0.88

Legend @ : Acceptable

! : 2.0 < z score < 3.0 - Warning

X : z score ≥ 3 - Unacceptable

# : Not Evaluated

① : Delayed Result Entry

\* : Not considered for evaluation.

Total Parameters	15
Not Evaluated Parameters	1
Evaluated Parameters	14
Outlier Parameters (X)	0
EQAS Score Immunoassay	100.00 %

*Dr Puneet Kumar Nigam*

Dr Puneet Kumar Nigam  
 PT coordinator & Technical Manager, MHL EQAS  
 Unit No. 409-416.  
 Commercial Building - 1A  
 Kohinoor Mall, Kiroli Road, Kurla (W),  
 Mumbai - 400070

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Analyte	Instrument	Result Value	Standard Unit	Z-Score
① # PAPPa	Beckman Coulter UniCel Dxl 800	0.65	ng/mL	0
① ! 25 (OH) Vitamin D, Total	Beckman Coulter UniCel Dxl 800	18.95	ng/mL	-2.13

Legend @ : z score ≤ 2.0 - Acceptable  
 ! : 2.0 < z score < 3.0 - Warning  
 X : z score ≥ 3 - Unacceptable  
 # : Not Evaluated  
 ① : Delayed Result Entry  
 \* : Not considered for evaluation.

Problem Classification: \* Vit D z score is under warning signa )  
\* To observe next cycle

Corrective Action:

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Reviewed by: K. Anusha

Dated: \_\_\_\_\_

**Metropolis Healthcare Ltd., EQAS**

TRUSTLAB DIAGNOSTICS PVT LTD (837)

**Outlier And Analyte Summary Report**

**Result Details For Cycle No 240412 and Sample No 02**

**Report Date : 20/02/2025**

**Instrument :** Beckman Coulter DxC 700 AU

Analyte	Standard Unit	Result Value	Mean	Z-Score	RMZ
Q@ IgE	Ku/L	398.70	407.92	-0.03	1.23

**Instrument :** Beckman Coulter UniCel Dxl 800

Analyte	Standard Unit	Result Value	Mean	Z-Score	RMZ
Q@ 25 (OH) Vitamin D, Total	ng/mL	20.33	21.94	-1.19	0.14
Q ! AMH	ng/mL	3.91	3.32	2.34	1.06
Q@ Estradiol	pg/ml	386.90	361.29	0.02	0.39
Q # Ferritin	ng/mL	15.56			0.99
Q@ FSH	mIU/ml	24.64	22.67	1.08	0.49
Q@ FT3	pg/ml	2.55	2.49	-0.72	0.34
Q@ Insulin	μiu/ml	13.39	14.04	-0.37	0.78
Q ! LH	mIU/ml	14.57	12.35	2.12	0.99
Q @ PAPPa	mIU/ml	358.16	1.01	1.50	1.32
Q@ T3	ng/dl	82.23	94.65	-1.23	0.20
Q@ T4	μg/dL	13.25	12.40	1.26	0.69
Q@ Testosterone	ng/dl	152.00	145.08	0.19	-0.09
Q@ TSH	μiu/ml	2.88	2.69	0.62	0.88

**Legend** @ : Acceptable

! : 2.0 < z score < 3.0 - Warning

X : z score ≥ 3 - Unacceptable

# : Not Evaluated

Q : Delayed Result Entry

\* : Not considered for evaluation.

Total Parameters	14
Not Evaluated Parameters	1
Evaluated Parameters	13
Outlier Parameters (X)	1
EQAS Score Immunoassay	92.31 %

**Dr Puneet Kumar Nigam**  
**PT coordinator & Technical Manager, MHL EQAS**  
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**Outlier And Analyte Summary Report**

Outlier Details For Cycle No 240412 and Sample No 02

Report Date : 20/02/2025

Analyte	Instrument	Result Value	Standard Unit	Z-Score
④ # Ferritin	Beckman Coulter UniCel Dxl 800	15.56	ng/mL	0
④ @ PAPPa	Beckman Coulter UniCel Dxl 800	58.86	mIU/ml	0.5
④ ! LH	Beckman Coulter UniCel Dxl 800	14.57	mIU/ml	2.12
④ ! AMH	Beckman Coulter UniCel Dxl 800	3.91	ng/mL	2.34

Legend ④ : z score ≤ 2.0 - Acceptable  
 ! : 2.0 < z score < 3.0 - Warning  
 X : z score ≥ 3 - Unacceptable  
 # : Not Evaluated  
 ④ : Delayed Result Entry  
 \* : Not considered for evaluation.

Problem Classification: + LH & AMH Z score is under warning signal  
 \* To observe next cycle.

Corrective Action:

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Reviewed by:

K. Anusha

Dated: 1/3/25

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**Outlier And Analyte Summary Report**

Outlier Details For Cycle No 240412 and Sample No 03

Report Date : 20/02/2025

Analyte	Instrument	Result Value	Standard Unit	Z-Score
Q@PAPPa	Beckman Coulter UniCel Dxl 800	136.74	mIU/ml	1.21

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

**Problem Classification:** \_\_\_\_\_

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**Corrective Action:** \_\_\_\_\_

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Reviewed by: K. Anusha      Dated: 1/3/25

# Metropolis Healthcare Ltd., EQAS

TRUSTLAB DIAGNOSTICS PVT LTD (837)

## Outlier And Analyte Summary Report

Result Details For Cycle No 240412 and Sample No 03

Report Date : 20/02/2025

Instrument : Beckman Coulter UniCel Dxl 800

Analyte	Standard Unit	Result Value	Mean	Z-Score	RMZ
① @ PAPPa	mIU/ml	136.74	--	1.21	1.32
Legend @ : Acceptable					
! : 2.0 < z score < 3.0 - Warning				Total Parameters	1
X : z score ≥ 3 - Unacceptable				Not Evaluated Parameters	0
# : Not Evaluated				Evaluated Parameters	1
① : Delayed Result Entry				Outlier Parameters (X)	1
* : Not considered for evaluation.				EQAS Score Immunoassay	0.00 %

*Dr Puneet Kumar Nigam*

Dr Puneet Kumar Nigam  
 PT coordinator & Technical Manager, MHL EQAS  
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 Mumbai - 400070