

# Metropolis Healthcare Ltd., EQAS

### KRSNAA DIAGNOSTICS LTD KAPURTHALA (1043)

**Outlier And Analyte Summary Report** 

Outlier Details For Cycle No 240104 and Sample No 01

Analyte Result Value Standard Instrument **Z-Score** Unit No Outlier Legend @: z score  $\leq$  2.0 - Acceptable : 2.0 < z score < 3.0 - Warning X : z score ≥3 - Unacceptable # : Not Evaluated ③ : Delayed Result Entry \* : Not considered for evaluation. **Problem Classification: Corrective Action:** Reviewed by: Dated:

Report Date: 10/07/2024



# Metropolis Healthcare Ltd., EQAS

### KRSNAA DIAGNOSTICS LTD KAPURTHALA (1043)

Outlier And Analyte Summary Report

Result Details For Cycle No 240104 and Sample No 01

Instrument: Diasys 200 Pro

Analyte	Standard Unit	Result Value	Mean	Z-Score	RMZ
@ Urea	mg/dl	46.70	40.67	1.95	0.77
@ Creatinine	mg/dl	1.10	0.85	0.95	1.44
@ Bilirubin Total	mg/dl	0.30	0.45	-0.62	0.45
@ Bilirubin Direct	mg/dl	0.13	0.22	-1.00	-0.73
@ Total Protein	g/dL	6.99	6.81	0.66	0.10
@ Albumin	g/dL	4.00	4.20	-0.37	0.27
@ Uric Acid	mg/dl	4.45	4.36	-0.05	-0.11
@ Calcium	mg/dl	8.99	8.82	0.44	-0.22
@ Cholesterol	mg/dl	172.00	170.36	-0.04	-0.31
@ Triglycerides	mg/dl	150.80	137.36	0.75	0.44
@ HDL	mg/dl	34.00	31.25	-0.27	0.16
@ LDL	mg/dl	90.36	99.01	-1.14	-0.72
@ ALT	U/L	24.40	21.41	0.96	0.25
@ AST	U/L	37.95	41.16	0.11	-0.33
@ ALP	U/L	84.83	70.28	0.25	0.81

Instrument: ACCULYTE-3P

Analyte	Standard Unit	Result Value	Mean	Z-Score	RMZ
@ Chloride	mmol/L	114.42	114.30	0.28	0.53
@ Sodium	mmol/L	164.86	162.40	0.23	-0.48
@ Potassium	mmol/L	6.50	6.31	0.42	-0.10

Legend @: Acceptable

: 2.0 < z score < 3.0 - Warning

X : z score ≥3 - Unacceptable

#: Not Evaluated

(9): Delayed Result Entry

\* : Not considered for evaluation.

Total Parameters 18

Not Evaluated Parameters 0

Evaluated Parameters 18

Outlier Parameters (X) 0

EQAS Score Biochemistry 100.00 %

Report Date: 10/07/2024

PKNyam

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

Unit No. 409-416. Commercial Building - 1A

Kohinoor Mall, Kirol Road, Kurla (W),

Mumbai - 400070



Reviewed by:

# Metropolis Healthcare Ltd., EQAS

### KRSNAA DIAGNOSTICS LTD KAPURTHALA (1043)

**Outlier And Analyte Summary Report** 

Outlier Details For Cycle No 240104 and Sample No 02

Analyte Result Value Standard Instrument **Z-Score** Unit Urea Diasys 200 Pro 34.10 mg/dl 2.12 ! Creatinine Diasys 200 Pro 1.30 mg/dl 2.14 Legend @: z score ≤ 2.0 - Acceptable : 2.0 < z score < 3.0 - Warning X : z score ≥3 - Unacceptable # : Not Evaluated (9): Delayed Result Entry \* : Not considered for evaluation. **Problem Classification: Corrective Action:** 

Report Date: 10/07/2024

Dated:



# Metropolis Healthcare Ltd., EQAS

KRSNAA DIAGNOSTICS LTD KAPURTHALA (1043)

Outlier And Analyte Summary Report

Result Details For Cycle No 240104 and Sample No 02

Instrument: Diasys 200 Pro

Analyte	Standard Unit	Result Value	Mean	Z-Score	RMZ
@ Glucose	mg/dl	93.10	71.18	1.08	0.32
! Urea	mg/dl	34.10	26.57	2.12	0.77
! Creatinine	mg/dl	1.30	0.99	2.14	1.44
@ Bilirubin Total	mg/dl	0.30	0.35	0.04	0.45
@ Bilirubin Direct	mg/dl	0.04	0.14	-1.10	-0.73
@ Total Protein	g/dL	7.81	7.58	0.64	0.10
@ Albumin	g/dL	4.00	4.19	-0.23	0.27
@ Uric Acid	mg/dl	4.64	4.32	0.07	-0.11
@ Calcium	mg/dl	8.77	8.55	0.03	-0.22
@ Cholesterol	mg/dl	173.00	162.79	0.25	-0.31
@ Triglycerides	mg/dl	167.00	135.91	1.73	0.44
@ HDL	mg/dl	31.00	29.24	-0.16	0.16
@ LDL	mg/dl	90.55	89.65	-0.37	-0.72
@ ALT	U/L	5.40	5.92	-0.17	0.25
@ AST	U/L	13.01	13.94	-0.51	-0.33
@ ALP	U/L	59.66	45.36	0.26	0.81

Instrument: ACCULYTE-3P

Analyte	Standard Unit	Result Value	Mean	Z-Score	RMZ
@ Chloride	mmol/L	104.45	105.34	0.25	0.53
@ Sodium	mmol/L	136.87	133.36	0.23	-0.48
@ Potassium	mmol/L	5.31	5.13	0.31	-0.10

Legend @: Acceptable

: 2.0 < z score < 3.0 - Warning

X : z score ≥3 - Unacceptable

# : Not Evaluated

(9): Delayed Result Entry

\* : Not considered for evaluation.

Total Parameters 19

Not Evaluated Parameters 0

Evaluated Parameters 19

Outlier Parameters (X) 0

EQAS Score Biochemistry 100.00 %

Report Date: 10/07/2024

Aknyam

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

Unit No. 409-416. Commercial Building - 1A

Kohinoor Mall, Kirol Road, Kurla (W),

Mumbai - 400070

Hospital Habuta

1917 24 1.30ms

3 ue 10 mg/dl

Sample receipt

Krsnaa Diagnostics Ltd, Sultanpur Road Civil Hospital Kapurthala Pin Code-144601



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# INTER-LABORATORY COMPARISON RESULTS

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Qualitative: Clinically comparable results shall be Concordance Clinically not comparable results shall be Disconcordance.

Quantitative: Acceptability: 10 %. (As per NABL 112)

Sign of Doctor

Approved by Di. Manish Karekar Toc No. (il N-01 T

Issued by : Vinod Lonkar

Jimon

Version No:

Amend No. -

Issue Date: 01.03.2023

Amend Date





# Proficiency Testing Outlier Investigation Form

Laboratory Name :	Diag.	nostics PB Ka	bust the	ala		
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241-191	and the second second	Sample receipt				
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Was the kit stored at the proper	temperature following receipt?		3	_		
		Sample Preparation:				
Who Prepared sample?	Date Prepared					
Bhawna.	36/6/24					
Bride	and the state of t		YES	NO	NA	
Was the correct reconstitution in	astruction followed (handling, time,	temperature)?	V			
	dibrated) pipette used for reconstitu		3	1 0		
- Was distilled or deionized water			3		٥	
	g to the package insert prior to testi	ng <sup>o</sup>	3		ū	
		Sample Processing:				
Who processed test?	Date of processing					
Bhawna	26/6/24	and the same of th				
Bridwing	encode Revised 1		YES	NO	NA	
- Was the correct sample number	tested*)		<b>a</b>	· a	٥	
Was the sample at room tempera			3	^ a		
Was the person running the test			0		۵	
	the stability claim listed in the pack	age insert				
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YES

Krsnaa Diagnostics Ltd, Sultanpur Road Civil Hospital Kapurthala Pin Code-144601

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			dy (match inst	пинен рин	(Val)		3		•	
s the test configuration correct (instrument, method and reagent)?							<b>V</b>			





was the test reagent stored correct	oth 2		1.0	
Was the test reagent properly pre	Dara (P	2		0
Was the test reagent within manu	facturer's datine?	8		<u> </u>
Instrument:	dung.	3	<b>/</b> 0	
Was daily maintenance performed	on the day that the EQAS sample was run?	YES	NO	NA
Was the person performing mainte	enance current on training?	· 🖸	/ 0	
Was the instrument operating corre	ectly on the day the sample was tested	8	_ 0	
Was the lob environment accounts.	the day the sample was tested	0		
и поливане иссерваю	le for the instrument (temperature, humidity, electrical, etc.)9	<b>S</b>		۵
	Sample Retest:			
Who retested sample?	Date tested			
Bhawna				
		YES	NO	NA
Was the EQAS sample retested follows:	owing receipt of EQAS sample report?	0	0	9
If yes, was the result within acceptal	ble limits for the EQAS sample?	0	_	
EQAS Evaluation:		-	-	3
EVALUATION:		YES	NO	NA
Inappropriate		1 ES	NO	N/3
Inappropriate peer group or compara	itor?			´ 🔾
- Inappropriate evaluation criteria, e g	narrow limits due to use of a precise method or instrument.	-		0
		٦		<u> </u>

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Krsnaa Diagnostics Ltd, Sultanpur Road Civil Hospital Kapurthala Pin Code-144601

NA

YES

NO

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YES D NO Y NA			
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nterpretation of microscopic examination interpreted correctly?			
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ype of error Identified - Temp. issue			
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Signature and Name of Technologist / Section Head			
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Page 4 of 4	Date: 01 03 2023		
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Page 4 of 4		Amend Date	





# Proficiency Testing Outlier Investigation Form

Laboratory Name :	Gusnag Diag	nostic PB Ko	D	orted Resi	ılts
Date De	epartment	lest Analyte	кере	A CO	lbl one
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Was the kit received in good condition	n"			_	<u> </u>
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	5	Sample Preparation:			
	Data Buongrad				
Vho Prepared sample?	Date Prepared				
Bhowng	86/6/24				NA
			YES	NO	NA
Was the correct reconstitution instruc	tion followed (handling, time, t	emperature)?	¥	٥	
Was a volumetric Class A (or calibra			W/		
Was distilled or deionized water used		4	<b>S</b>		
Was the sample mixed according to t		g''	3	ū	a
		Sample Processing:			
ho processed test?	Date of processing				
0.0040	26/6/24				
Bhawna	3001	Change Marie Control of the Control	YES	NO	NA
Was the correct sample number tested	19		ā.	٦	
			<b>S</b>		D
Was the sample at room temperature			9 <b>3</b>		<u> </u>
Was the person running the test curren		nge insert		. –	
Was the affected test run within the st	ability claim isseed in the pack	-60 modern			۵
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ho reported Results	Date reported.				
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		Page 1 of 4			
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results been reported correctly (match instrument print out)?  correct unit reported?  decimal symbol placed correctly when reported?  reported result within the instrument's linear range?  calculation of the reported result done correctly?  Internal QC:  Couthin an acceptable range on the day that the EQAS sample was run?  The day on EQAS sample  Reading MEAN SD CV Z Score  1:6 1-33 0:145 +15D  5:1 4:88 0:533  us month IQC  Mean SD CV Z Score  1:238 0:16 6:527:  4:88 0:563 10:197:  The day on EQAS reports  Z score BIAN RMZ  The day on EQAS reports  The start calibration acceptable?  The day on EQAS reports  The start calibration acceptable?	enesults been reported correctly (match instrument print out)?  c correct unit reported?  c decimal symbol placed correctly when reported?  c reported result within the instrument's linear range?  c calculation of the reported result done correctly?  Internal QC:  Internal QC:  VES NO NA  OC within an acceptable range on the day that the EQAS sample was run?  c there any shifts or trends in IQC just before/after the EQAS sample was run?  the day on EQAS sample  Reading MEAN SD CV Z Score  I '6 I 33 O 145 HSD  I 5-1 488 O 533.  Ill  IOUS month IQC  Mean SD CV Z Score  I 488 O 563 Io 147.  Ill  VES NO NA		YES NO NA
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ne day on EQAS sample Reading MEAN SD CV Z Score  1 '6 1 33 0 1 45 415    5 1 4 88 0 533    us month IQC Mean SD CV Z Score  1 '38 0 16 6 52 2 /    4 '88 0 553 b 19 /    ous three month EQAS reports Z score BIAS RMZ  III	the day on EQAS sample  Reading MEAN SD CV Z Score  1 1 6 1 33 0 1 4 5 4 5 0  5 1 4 88 0 533  Sous month IQC  Mean SD CV Z Score  1 38 0 16 6 52 7  1 4 88 0 563 10 147  Sous three month EQAS reports  Z score BIAS RMZ  6-11  6-11  bration:  YES NO NA  se the last calibration acceptable?		
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Was the test reagent stored correctly?



Krsnaa Diagnostics Ltd, Sultanpur Road Civil Hospital Kapurthala Pin Code-144601

correctly?			The state of the s
Was the test reagent property	YES	NO	NA
the test reagent within manufacturer's dating?	9	0	0
nstrument;	5	0	0
Was daily many	•	٥	
Was daily maintenance performed on the day that the EQAS sample was run?  Was the person performing maintenance and the experiment of the	YES	NO	NA
Was the instrument operating comment on training?		0	
Was the instrument operating correctly on the day the sample was tested.  Was the lab environment acceptable for the instrument (temperature, humidity, electrical, etc.)?			0
tor the instrument (temperature, humidity, electrical, etc.)?			
			0
Who retested sample? Sample Retest:			
Date tested			
Was the EQAS sample retested following receipt of EQAS sample report?	YES	NO	NA
If yes, was the result within acceptable limits for the EQAS sample?	. 0	0	
	0	٥	
EQAS Evaluation:		_	
Inappropriate peer group or comparator?	YES	NO	NA
- Inappropriate evaluation criteria, e.g. narrow limits due to use of a precise method or instrument.	0	۵	0
posses method of instrument.	0		ū

Issue Date : 01.03.2023 Issued by Vinod Lonkar - Urnor Approved by : Dr. Manish Karekar

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Was the SO	P followed correctly?			Y	ES N	O	NA
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			<b>–</b> 174				
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