

Analyte	Instrument	Result Value	Standard Unit	Z-Score
! AST	Arkray Autochem Xact Pro	30.10	U/L	2.32
! Total Protein	Arkray Autochem Xact Pro	5.68	g/dL	-2.01
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:** \_\_\_\_\_

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

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**Reviewed by:** \_\_\_\_\_

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

**G1 PATHOLOGY LAB SERVICES (559)**

**Outlier And Analyte Summary Report**

**Result Details For Cycle No 210207 and Sample No 01**

**Report Date : 19/07/2021**

**Instrument : Arkray Autochem Xact Pro**

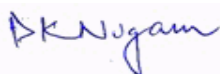
Analyte	StandardUnit	Result Value	Mean	Z-Score	RMZ
! AST	U/L	30.10	--	2.32	2.03
@ Amylase	U/L	52.88	--	-1.91	-1.91
@ Bilirubin Total	mg/dl	0.53	--	-0.03	0.10
@ Bilirubin Direct	mg/dl	0.26	--	0.71	0.41
! Total Protein	g/dL	5.68	--	-2.01	-1.88
@ Albumin	g/dL	3.95	--	1.32	0.46
@ Uric Acid	mg/dl	4.59	--	1.43	1.18
@ Calcium	mg/dl	7.15	--	-1.06	-1.27
@ Triglycerides	mg/dl	164.00	--	0.84	0.26
@ ALT	U/L	22.97	--	-0.32	-0.39
@ ALP	U/L	78.97	--	0.54	0.50

**Instrument : Cornley-Acculyte-3P Electrolyte Analyser**

Analyte	StandardUnit	Result Value	Mean	Z-Score	RMZ
@ Chloride	mmol/L	100.46	107.00	-1.75	-1.66
@ Sodium	mmol/L	186.46	--	1.04	1.71
@ Potassium	mmol/L	6.43	6.32	0.53	0.63

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.

Total Parameters	14
Not Evaluated Parameters	0
Evaluated Parameters	14
Outlier Parameters (X)	0
EQAS Score Biochemistry	100.00 %



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

End of Report

**G1 PATHOLOGY LAB SERVICES (559)  
Outlier And Analyte Summary Report**

**Outlier Details For Cycle No 210207 and Sample No 02**

**Report Date :** 19/07/2021

Analyte	Instrument	Result Value	Standard Unit	Z-Score
X Amylase	Arkray Autochem Xact Pro	2.01	IU/L	*
! Sodium	Cornley-Acculyte-3P Electrolyte Analyser	184.71	mEq/L	2.37
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:** \_\_\_\_\_

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

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\_\_\_\_\_

**Reviewed by:** \_\_\_\_\_ **Dated:** \_\_\_\_\_

**G1 PATHOLOGY LAB SERVICES (559)**

**Outlier And Analyte Summary Report**

**Result Details For Cycle No 210207 and Sample No 02**

**Report Date : 19/07/2021**

**Instrument : Arkray Autochem Xact Pro**

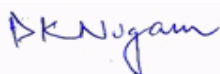
Analyte	StandardUnit	Result Value	Mean	Z-Score	RMZ
@ ALT	U/L	14.83	--	-0.46	-0.39
X Amylase	U/L	2.01	--	*	-1.91
@ Bilirubin Total	mg/dl	0.55	--	0.23	0.10
@ Bilirubin Direct	mg/dl	0.16	--	0.10	0.41
@ Total Protein	g/dL	5.60	--	-1.75	-1.88
@ Albumin	g/dL	3.56	--	-0.41	0.46
@ Uric Acid	mg/dl	4.18	--	0.92	1.18
@ Calcium	mg/dl	7.21	--	-1.48	-1.27
@ Triglycerides	mg/dl	145.94	--	-0.33	0.26
@ AST	U/L	26.10	--	1.73	2.03
@ ALP	U/L	78.97	--	0.45	0.50

**Instrument : Cornley-Acculyte-3P Electrolyte Analyser**

Analyte	StandardUnit	Result Value	Mean	Z-Score	RMZ
@ Chloride	mmol/L	99.29	106.00	-1.56	-1.66
! Sodium	mmol/L	184.71	--	2.37	1.71
@ Potassium	mmol/L	6.31	6.16	0.73	0.63

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.

Total Parameters	14
Not Evaluated Parameters	0
Evaluated Parameters	14
Outlier Parameters (X)	1
EQAS Score Biochemistry	92.86 %



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 Mumbai - 400070

End of Report

Analyte	Instrument	Result Value	Standard Unit	Z-Score
! Creatinine	Arkray Autochem Xact Pro	1.09	mg/dl	2.94
<p>Legend @ : z score <math>\leq</math> 2.0 - Acceptable  ! : 2.0 &lt; z score &lt; 3.0 - Warning  X : z score <math>\geq</math> 3 - Unacceptable  # : Not Evaluated  🕒 : Delayed Result Entry  * : Not considered for evaluation.</p>				

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

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

**Reviewed by:** \_\_\_\_\_

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

**G1 PATHOLOGY LAB SERVICES (559)**

**Outlier And Analyte Summary Report**

**Result Details For Cycle No 210207 and Sample No 03**

**Report Date : 19/07/2021**

**Instrument : Arkray Autochem Xact Pro**

Analyte	StandardUnit	Result Value	Mean	Z-Score	RMZ
! Creatinine	mg/dl	1.09	--	2.94	2.54
@ Glucose	mg/dl	58.00	--	-0.74	-0.98
@ Urea	mg/dl	22.70	--	-0.23	0.01
@ Cholesterol	mg/dl	158.45	--	0.15	0.33
@ HDL	mg/dl	35.21	--	-0.32	-0.32

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.

Total Parameters	5
Not Evaluated Parameters	0
Evaluated Parameters	5
Outlier Parameters (X)	0
EQAS Score Biochemistry	100.00 %

*Dr Puneet Kumar Nigam*

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

End of Report

Analyte	Instrument	Result Value	Standard Unit	Z-Score
! Creatinine	Arkray Autochem Xact Pro	0.91	mg/dl	2.13
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:** \_\_\_\_\_  
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 \_\_\_\_\_  
 \_\_\_\_\_

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

**Reviewed by:** \_\_\_\_\_

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

**G1 PATHOLOGY LAB SERVICES (559)**

**Outlier And Analyte Summary Report**

**Result Details For Cycle No 210207 and Sample No 04**

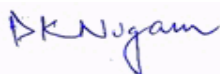
**Report Date : 19/07/2021**

**Instrument : Arkray Autochem Xact Pro**

Analyte	StandardUnit	Result Value	Mean	Z-Score	RMZ
@ Glucose	mg/dl	61.00	--	-1.22	-0.98
@ Urea	mg/dl	21.98	--	0.25	0.01
! Creatinine	mg/dl	0.91	--	2.13	2.54
@ Cholesterol	mg/dl	157.27	--	0.50	0.33

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.

Total Parameters	4
Not Evaluated Parameters	0
Evaluated Parameters	4
Outlier Parameters (X)	0
EQAS Score Biochemistry	100.00 %



**Dr Puneet Kumar Nigam**  
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 Mumbai - 400070

End of Report





G1 PATHOLOGY LAB SERVICES

G1PL - 07

Proficiency Testing outliers and corrective action records

PAGE 1 OF 1

Sr. No	Date	Test Name	Lab Reported Result	Peer / Expected Value	Details of Root Cause analysis and Corrective action taken	Done by	Sign
1.	06/01/21	Amylase	2.01	Not considered	QC data reviewed, no outlier found,	G. Khadake	
2.		Sample-2 Cycle-210207	JUL	for evaluation	Sample 1 result within acceptable limit,		
3.					2. Sample issue as		
4.					peer is not provided by the PT provider-		
5.					No patient sample		
6.					affected. Review the		
7.					QC for correctness daily.		

Issue No. 1	Issue Date : 25-06-2021	Amend No. 00	Amend Date. 00	Page 1 of 1
 Prepared By : Mr. Suraj Rathod		 Reviewed & Approved By Mr. Gundappa Khadake		

CONTROLLED COPY



# G1 PATHOLOGY LABORATORY

Surname:  
Patient ID:QC  
Sample type:Serum

Gender:  
Hospital number:  
Department:

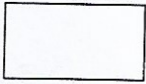
Age:  
Area:  
Doctor:

Sample ID.:19  
Bed number:  
Check date:13-07-2021 00:

No.	Item	Other name	Result	Flag	Unit	Reference
1	AMY		395.56		IU/L	

QC on the day of EQAS Run.  
Refer to QC-records sheet for  
evaluation.

Phadake



# G1 PATHOLOGY LABORATORY

Surname:

Gender:

Age:

Sample ID.:21

Patient ID:S2

Hospital number:

Area:

Bed number:

Sample type:Serum

Department:

Doctor:

Check date:13-07-2021 00:

No.	Item	Other name	Result	Flag	Unit	Reference
1	AMY		2.01		IU/L	

EQAS Recm raw data  
for sample -2 THZ EQAS.

Phadake