

Analyte	Instrument	Result Value	Standard Unit	Z-Score
! Bilirubin Total	Siemens Dimension EXL	0.20	mg/dl	2.11
X Phosphorous Inorganic	Erba Chem 7	6.18	mg/dl	4.74
X HDL	Erba Chem 7	58.44	mg/dl	4.33
! ALT	Siemens Dimension EXL	12.00	U/L	2.18
X AST	Siemens Dimension EXL	24.00	U/L	4.64
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: _____

Corrective Action: _____

Reviewed by: _____

Dated: _____

VISHWARAJ HOSPITAL LABORATORY (568)

Outlier And Analyte Summary Report

Result Details For Cycle No 210512 and Sample No 04

Report Date : 30/12/2021

Instrument : Erba Chem 7

Analyte	StandardUnit	Result Value	Mean	Z-Score	RMZ
X Phosphorous Inorganic	mg/dl	6.18	--	4.74	2.14
X HDL	mg/dl	58.44	--	4.33	0.48
# Iron	µg/dL				
@ Calcium	mg/dl	8.77	--	1.62	1.13
@ Magnesium	mg/dl	1.43	--	-1.76	-1.16
@ Cholesterol	mg/dl	138.00	--	-0.69	-0.87
@ Triglycerides	mg/dl	110.20	--	-0.74	-0.13
@ CK	U/L	40.86	--	1.11	0.82
@ LDH	U/L	186.30	--	-0.68	-0.78
@ Amylase	U/L	47.99	--	-1.99	-1.04

Instrument : Erba EM 100

Analyte	StandardUnit	Result Value	Mean	Z-Score	RMZ
# Lipase	U/L				

Instrument : MEDICA - EasyElectrolytes

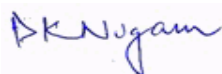
Analyte	StandardUnit	Result Value	Mean	Z-Score	RMZ
@ Chloride	mmol/L	92.80	90.53	1.45	1.05
@ Sodium	mmol/L	112.80	112.33	-0.03	-0.22
@ Potassium	mmol/L	3.62	3.70	-0.44	-0.67

Instrument : Siemens Dimension EXL

Analyte	StandardUnit	Result Value	Mean	Z-Score	RMZ
! Bilirubin Total	mg/dl	0.20	--	2.11	2.15
! ALT	U/L	12.00	--	2.18	2.32
X AST	U/L	24.00	--	4.64	4.02
@ Glucose	mg/dl	62.00	--	0.93	-0.13
@ Urea	mg/dl	17.12	--	-0.31	-0.08
@ Creatinine	mg/dl	0.83	--	0.50	-0.87
@ Bilirubin Direct	mg/dl	0.10	--	0.00	1.03
@ Total Protein	g/dL	6.30	--	0.00	2.13
@ Albumin	g/dL	3.34	--	0.00	-0.55
@ Uric Acid	mg/dl	3.10	--	-1.05	-0.41
@ ALP	U/L	42.00	--	-1.14	-0.28

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	25
Not Evaluated Parameters	2
Evaluated Parameters	23
Outlier Parameters (X)	3
EQAS Score Biochemistry	86.96 %



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Proficiency Testing outliers and corrective action records

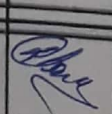
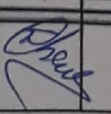
Sr. No	Date	Test Name	Lab Reported Result	Peer / Expected Value	Details of Root Cause analysis and Corrective action taken	Done by	Sign
1.	20/11/2021	AST	22 u/L	22.92 u/L	Date of equipment status reviewed as per manufacturer policy temp controller calibration was needed. - temp controller calibration done.	Sachin	[Signature]
2.							
3.							
4.							
5.							
6.							
7.							

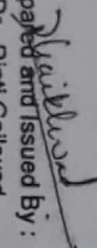

Issue No: 1	Issue Date: 15-07-2021	Amount Due: 00	Amount Due: 00	Page 1 of 1
Prepared/Not Issued By: Dr. Digt Outward		Reviewed & Approved By: Dr. Anuradha David		

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Proficiency Testing outliers and corrective action records

Sr. No	Date	Test Name	Lab Reported Result	Peer / Expected Value	Details of Root Cause analysis and Corrective action taken	Done by	Sign
1.	30/12/2021	Phosphorus	6.18 mg/dl	3.82 mg/dl	Data reviewed & it was found that equipment calyp was not replaced Calyp replaced & 5 sample repeat run result within acceptable range	Sachin	
4.	30/12/2021	HDL	58.44 mg/dl	28.12 mg/dl	Data reviewed and it was found that equipment calyp was not replaced. then the calyp replaced and sample process of calibration result within acceptable limit	Sachin	
6.							
7.							

Issue No. 1	Issue Date : 15-07-2021	Amend No. 00	Amend Date. 00	Page 1 of 1
Prepared and Issued By :  Dr. Dipit Galkwad		Reviewed & Approved By :  Dr. Anrudhna Garud		

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