

Lab Id / Name : 1013 / VIOMA LIFESCIENCES PVT LTD(FORMERLY HWELL24 PLUS HEALTHCARE PVT LTD)

Analyzer : BeneSphera Electrolyte Analyzer													
Analyte	Unit	Round Nos.											
		01	02	03	04	05	06	07	08	09	10	11	12
Chloride	mmol/L	-	-	-0.06	-	-	-	-	-	-	-	-	-
Glucose	mg/dl	-	-	-	-	-	-	-	-	-	-	-	-
Potassium	mmol/L	-	-	0.07	-	-	-	-	-	-	-	-	-
Sodium	mmol/L	-	-	0.44	-	-	-	-	-	-	-	-	-

- Legend :**
- : Average SDI less than 3: with z score of one or more sample >2 but < 3
 - : Average SDI >= 3: z score >=3 in one or more than one sample
 - : Average SDI less than 3 : z score >= 3 in one sample
 - : Average SDI less than 3: z score >=3 in more than one sample
 - : Average SDI ≤ 2; with z score for all samples less than equal to 2
 - : Delayed Result Entry







Lab Id / Name : 1013 / VIOMA LIFESCIENCES PVT LTD(FORMERLY HWELL24 PLUS HEALTHCARE PVT LTD)

Analyzer : Mindray BS-240													
Analyte	Unit	Round Nos.											
		01	02	03	04	05	06	07	08	09	10	11	12
Albumin	g/dL	-	-	0.03	-	-	-	-	-	-	-	-	-
ALP	U/L	-	-	0.39	-	-	-	-	-	-	-	-	-
ALT	U/L	-	-	-0.04	-	-	-	-	-	-	-	-	-
Amylase	U/L	-	-	0.33	-	-	-	-	-	-	-	-	-
AST	U/L	-	-	-0.27	-	-	-	-	-	-	-	-	-
Bilirubin Direct	mg/dl	-	-	-0.21	-	-	-	-	-	-	-	-	-

- Legend :**
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 - : Average SDI less than 3 : z score >= 3 in one sample
 - : Average SDI less than 3: z score >=3 in more than one sample
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 - : Delayed Result Entry







Lab Id / Name : 1013 / VIOMA LIFESCIENCES PVT LTD(FORMERLY HWELL24 PLUS HEALTHCARE PVT LTD)

Analyzer : Mindray BS-240													
Analyte	Unit	Round Nos.											
		01	02	03	04	05	06	07	08	09	10	11	12
Bilirubin Total	mg/dl	-	-	-0.38	-	-	-	-	-	-	-	-	-
Calcium	mg/dl	-	-	0.52	-	-	-	-	-	-	-	-	-
Cholesterol	mg/dl	-	-	-0.1	-	-	-	-	-	-	-	-	-
CK	U/L	-	-	0.53	-	-	-	-	-	-	-	-	-
Creatinine	mg/dl	-	-	-0.05	-	-	-	-	-	-	-	-	-
GGT	U/L	-	-	0.36	-	-	-	-	-	-	-	-	-
Glucose	mg/dl	-	-	0.15	-	-	-	-	-	-	-	-	-

- Legend :**
-  : Average SDI less than 3: with z score of one or more sample >2 but < 3
 -  : Average SDI >= 3: z score >=3 in one or more than one sample
 -  : Average SDI less than 3 : z score >= 3 in one sample
 -  : Average SDI less than 3: z score >=3 in more than one sample
 -  : Average SDI ≤ 2; with z score for all samples less than equal to 2
 -  : Delayed Result Entry

Lab Id / Name : 1013 / VIOMA LIFESCIENCES PVT LTD(FORMERLY HWELL24 PLUS HEALTHCARE PVT LTD)

Analyzer : Mindray BS-240													
Analyte	Unit	Round Nos.											
		01	02	03	04	05	06	07	08	09	10	11	12
HDL	mg/dl	-	-	1.25	-	-	-	-	-	-	-	-	-
LDH	U/L	-	-	-0.22	-	-	-	-	-	-	-	-	-
LDL	mg/dl	-	-	-0.25	-	-	-	-	-	-	-	-	-
Lipase	U/L	-	-	-0.26	-	-	-	-	-	-	-	-	-
Magnesium	mg/dl	-	-	0.12	-	-	-	-	-	-	-	-	-
Phosphorous Inorganic	mg/dl	-	-	0.25	-	-	-	-	-	-	-	-	-
Total Protein	g/dL	-	-	0.12	-	-	-	-	-	-	-	-	-

- Legend :**
-  : Average SDI less than 3: with z score of one or more sample >2 but < 3
 -  : Average SDI >= 3: z score >=3 in one or more than one sample
 -  : Average SDI less than 3 : z score >= 3 in one sample
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 -  : Average SDI ≤ 2; with z score for all samples less than equal to 2
 -  : Delayed Result Entry

Lab Id / Name : 1013 / VIOMA LIFESCIENCES PVT LTD(FORMERLY HWELL24 PLUS HEALTHCARE PVT LTD)

Analyzer : Mindray BS-240													
Analyte	Unit	Round Nos.											
		01	02	03	04	05	06	07	08	09	10	11	12
Triglycerides	mg/dl	-	-	1.13	-	-	-	-	-	-	-	-	-
Urea	mg/dl	-	-	-0.1	-	-	-	-	-	-	-	-	-
Uric Acid	mg/dl	-	-	-0.33	-	-	-	-	-	-	-	-	-

- Legend :**
- : Average SDI less than 3: with z score of one or more sample >2 but < 3
 - : Average SDI >= 3: z score >=3 in one or more than one sample
 - : Average SDI less than 3 : z score >= 3 in one sample
 - : Average SDI less than 3: z score >=3 in more than one sample
 - : Average SDI ≤ 2; with z score for all samples less than equal to 2
 - : Delayed Result Entry

Lab Id / Name : 1013 / VIOMA LIFESCIENCES PVT LTD(FORMERLY HWELL24 PLUS HEALTHCARE PVT LTD)

EQAS SCORE	-	-	100.00%	-	-	-	-	-	-	-	-	-
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AK Nigam

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



Metropolis Healthcare Ltd., EQAS
VIOMA LIFESCIENCES PVT LTD(FORMERLY HWELL24 PLUS
HEALTHCARE PVT LTD) (1013)

Outlier And Analyte Summary Report

Outlier Details For Cycle No 230310 and Sample No 01

Report Date : 19/12/2023

Analyte	Instrument	Result Value	Standard Unit	Z-Score
No Outlier				
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: _____

Reviewed by: _____

Dated: _____

Instrument : Mindray BS-240

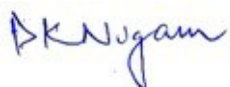
Analyte	Standard Unit	Result Value	Mean	Z-Score	RMZ
# Urea	mg/dl	19.90	22.17		-0.10
@ Creatinine	mg/dl	0.72	0.77	-0.46	-0.05
@ Bilirubin Total	mg/dl	0.21	0.20	0.07	-0.38
@ Total Protein	g/dL	5.90	5.98	0.19	0.12
@ Albumin	g/dL	3.40	3.44	0.20	0.03
@ Uric Acid	mg/dl	3.80	3.82	-0.41	-0.33
@ Calcium	mg/dl	7.70	7.61	0.33	0.52
@ Phosphorous Inorganic	mg/dl	3.90	3.87	-0.40	0.25
@ Magnesium	mg/dl	1.60	--	0.46	0.12
@ Cholesterol	mg/dl	129.20	129.04	-0.15	-0.10
@ Triglycerides	mg/dl	133.30	129.16	1.21	1.13
@ HDL	mg/dl	33.30	34.50	0.41	1.25
@ LDL	mg/dl	69.20	79.18	-0.52	-0.25
@ ALT	U/L	15.60	18.45	-0.08	-0.04
@ AST	U/L	21.50	23.21	-0.71	-0.27
@ ALP	U/L	47.60	43.30	0.28	0.39
@ CK	U/L	49.40	--	0.39	0.53
@ GGT	U/L	27.70	29.07	0.57	0.36
@ LDH	U/L	127.90	139.41	-0.44	-0.22
@ Amylase	U/L	62.90	62.40	0.19	0.33
@ Lipase	U/L	31.40	33.80	-0.13	-0.26

Instrument : BeneSphera Electrolyte Analyzer

Analyte	Standard Unit	Result Value	Mean	Z-Score	RMZ
@ Chloride	mmol/L	82.00	84.74	0.36	-0.06
@ Sodium	mmol/L	116.00	113.25	0.93	0.44
@ Potassium	mmol/L	3.60	3.40	0.29	0.07

- 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	24
Not Evaluated Parameters	1
Evaluated Parameters	23
Outlier Parameters (X)	0
EQAS Score Biochemistry	100.00 %



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PT coordinator & Technical Manager, MHL EQAS
Unit No. 409-416.
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Kohinoor Mall, Kiroi Road, Kurla (W),
Mumbai - 400070



Metropolis Healthcare Ltd., EQAS
VIOMA LIFESCIENCES PVT LTD(FORMERLY HWELL24 PLUS
HEALTHCARE PVT LTD) (1013)

Outlier And Analyte Summary Report

Outlier Details For Cycle No 230310 and Sample No 02

Report Date : 19/12/2023

Analyte	Instrument	Result Value	Standard Unit	Z-Score
! HDL	Mindray BS-240	26.60	mg/dl	2.08
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: _____

Reviewed by: _____ **Dated:** _____

Instrument : Mindray BS-240

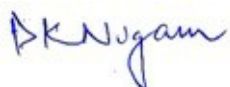
Analyte	Standard Unit	Result Value	Mean	Z-Score	RMZ
@ Glucose	mg/dl	75.50	75.11	0.07	0.15
@ Urea	mg/dl	19.50	20.78	-0.19	-0.10
@ Creatinine	mg/dl	1.66	1.63	0.51	-0.05
@ Bilirubin Total	mg/dl	2.11	2.27	-0.82	-0.38
@ Bilirubin Direct	mg/dl	0.28	0.33	-0.21	-0.21
@ Total Protein	g/dL	5.90	6.03	0.05	0.12
@ Albumin	g/dL	3.40	3.51	-0.60	0.03
@ Uric Acid	mg/dl	3.80	4.24	-0.50	-0.33
@ Calcium	mg/dl	7.90	7.65	0.46	0.52
@ Phosphorous Inorganic	mg/dl	4.50	3.33	0.90	0.25
@ Magnesium	mg/dl	1.59	--	-0.23	0.12
@ Cholesterol	mg/dl	133.70	127.94	-0.05	-0.10
@ Triglycerides	mg/dl	119.80	113.44	1.04	1.13
! HDL	mg/dl	26.60	19.09	2.08	1.25
@ LDL	mg/dl	83.10	91.68	0.03	-0.25
@ ALP	U/L	48.20	43.63	0.50	0.39
@ CK	U/L	41.10	--	0.66	0.53
@ GGT	U/L	23.80	25.38	0.15	0.36
@ LDH	U/L	31.10	31.10	0.00	-0.22
@ Amylase	U/L	60.50	60.90	0.46	0.33
@ Lipase	U/L	28.60	26.20	-0.39	-0.26

Instrument : BeneSphera Electrolyte Analyzer

Analyte	Standard Unit	Result Value	Mean	Z-Score	RMZ
@ Chloride	mmol/L	84.00	83.25	0.23	-0.06
@ Sodium	mmol/L	115.00	113.79	0.64	0.44
@ Potassium	mmol/L	3.57	3.47	-0.05	0.07

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	24
Not Evaluated Parameters	0
Evaluated Parameters	24
Outlier Parameters (X)	0
EQAS Score Biochemistry	100.00 %



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Mumbai - 400070

CORRECTIVE & PREVENTIVE ACTIONS

ROOT CAUSE ANALYSIS, CORRECTIVE AND PREVENTIVE ACTION (CAPA)

Date : 22/12/23

Non Compliance Reference

No. 3 dated 19/12/23
 Dept: Biochemistry (HDL)

Incident	For sample #2: As 'LIS' (for biochemistry machine) was not working properly, we were unable to take readings directly due to interfering issue. As technician had already taken such readings manually, it was fetched by senior.
Root cause analysis/Investigation	Due to 'LIS' issue in the software, technician made typing mistake in his records. This is the reason of changed readings, i.e. 6 point difference than actual. Done By: <u>Priti</u> Date & Sign: <u>Priti</u> <u>22/12/23</u>
Tool Used/ Risk Assessment	<u>Brainstorming.</u>
Immediate Correction	<u>Verified numbers from it's log/result.</u>
Corrective Action	Got result printed from the machine and immediately realised something was wrong, but it was just typing mistake by us and made correction the next moment, Also solved the 'LIS' issue to prevent any further mistake. Done By: <u>Priti</u> Date & Sign: <u>Priti</u> <u>22/12/23</u>
Preventive Action	<u>Had updated software to it's latest version, made sure it is turned on before taking readings.</u>
Verification of CAPA Done	Done By: <u>Dr Supriya</u> Date & Sign: <u>m</u> <u>23/12/23</u>

Priti
Prepared By

Shant
Immediate Incharge

m
HOD

Instrument : Mindray BS-240

Analyte	Standard Unit	Result Value	Mean	Z-Score	RMZ
@ Glucose	mg/dl	75.50	75.11	0.07	0.15
@ Urea	mg/dl	19.50	20.78	-0.19	-0.10
@ Creatinine	mg/dl	1.66	1.63	0.51	-0.05
@ Bilirubin Total	mg/dl	2.11	2.27	-0.82	-0.38
@ Bilirubin Direct	mg/dl	0.28	0.33	-0.21	-0.21
@ Total Protein	g/dL	5.90	6.03	0.05	0.12
@ Albumin	g/dL	3.40	3.51	-0.60	0.03
@ Uric Acid	mg/dl	3.80	4.24	-0.50	-0.33
@ Calcium	mg/dl	7.90	7.65	0.46	0.52
@ Phosphorous Inorganic	mg/dl	4.50	3.33	0.90	0.25
@ Magnesium	mg/dl	1.59	--	-0.23	0.12
@ Cholesterol	mg/dl	133.70	127.94	-0.05	-0.10
@ Triglycerides	mg/dl	119.80	113.44	1.04	1.13
@ HDL	mg/dl	26.60	19.09	2.08	1.25
@ LDL	mg/dl	83.10	91.68	0.03	-0.25
@ ALP	U/L	48.20	43.63	0.50	0.39
@ CK	U/L	41.10	--	0.66	0.53
@ GGT	U/L	23.80	25.38	0.15	0.36
@ LDH	U/L	31.10	31.10	0.00	-0.22
@ Amylase	U/L	60.50	60.90	0.46	0.33
@ Lipase	U/L	28.60	26.20	-0.39	-0.26

Instrument : BeneSphera Electrolyte Analyzer

Analyte	Standard Unit	Result Value	Mean	Z-Score	RMZ
@ Chloride	mmol/L	84.00	83.25	0.23	-0.06
@ Sodium	mmol/L	115.00	113.79	0.64	0.44
@ Potassium	mmol/L	3.57	3.47	-0.05	0.07

Corp Office: Off Swami Vivekananda Road, Azad Nagar, Sandoz Baug, P.O. Thane (W), Maharashtra, 400607, India.
Website: www.viomalife.com CIN no: U74999MH2017PTC295120

Patient Name : EQAS 2 BIOCHEM DEC23

Age / Gender : 2 years / Male

Mobile No. : -

Patient ID : 3755

Source : DIRECT

Scan to Validate



Referral : SELF

Collection Time : Dec 01, 2023, 01:55 p.m.

Receiving Time : Dec 01, 2023, 01:56 p.m.

Reporting Time : Dec 12, 2023, 03:48 p.m.

Sample ID :



001433523

Test Description	Value(s)	Reference Range	Unit(s)
<u>LIPID PROFILE, BASIC.</u>			
Cholesterol-Total Method : Serum, Cholesterol oxidase esterase, peroxidase	133.76	Desirable: <= 200 Borderline High: 201-239 High: > 239 Ref: The National Cholesterol Education Program (NCEP) Adult Treatment Panel III Report.	mg/dL
Triglycerides Method : Serum, Enzymatic, endpoint	119.87	Normal: < 150 Borderline High: 150-199 High: 200-499 Very High: >= 500	mg/dL
Cholesterol-HDL Direct Method : Serum, Direct measure-PEG	26.65	Normal: > 40 Major Heart Risk: < 40	mg/dL
LDL Cholesterol Method : Serum	83.14	Optimal: < 100 Near optimal/above optimal: 100-129 Borderline high: 130-159 High: 160-189 Very High: >= 190	mg/dL
Non - HDL Cholesterol, Serum Method : calculated	107.11	Desirable: < 130 mg/dL Borderline High: 130-159mg/dL High: 160-189 mg/dL Very High: > or = 190 mg/dL	mg/dL
VLDL Cholesterol Method : calculated	23.97	6 - 38	mg/dL
CHOL/HDL RATIO Method : calculated	5.02	3.5 - 5.0	ratio
LDL/HDL RATIO Method : calculated	3.12	Desirable / low risk - 0.5 -3.0 Low/ Moderate risk - 3.0- 6.0 Elevated / High risk - > 6.0	ratio
HDL/LDL RATIO Method : calculated	0.32	Desirable / low risk - 0.5 -3.0 Low/ Moderate risk - 3.0- 6.0 Elevated / High risk - > 6.0	ratio

Note: 8-10 hours fasting sample is required.

****END OF REPORT****

Reported By : Aniket Shinde

Machine Print

Patient: EQAS BIOCHEM 2
Patient ID:
Date of Birth:
Age:
Gender:
Physician:
Diagnosis:

Sample ID: 12
Sample Type: Serum
Bar Code: 001433523
Collection Date: 01-12-2023
Collection Time:
Department:
Comment:

Chemistry	Result	Unit	Flag	Ref Range
ALP	48.2	U/L		
TP	5.99	g/dL		
Glo	25.7	g/L		
A/G	1.3			
UA	3.84	mg/dL		
UREA	19.52	mg/dL		
CREA	1.66	mg/dL		
CK	41.1	U/L		
LDH	31.1	U/L		
TC	133.8	mg/dL		
TG	119.9	mg/dL		
HDL-C	21.7	mg/dL		
LIP	28.6	U/L		
Ca	7.96	mg/dL		
P	4.56	mg/dL		
Mg	1.59	mg/dL		
T-bil	2.11	mg/dL		
D-bil	0.28	mg/dL		
γ-GT	23.8	U/L		
ALB	3.43	g/dL		
α-AMY	60.5	U/L		
IBIL	31.30	μmol/L		

Ordering Date/Time: 01-12-2023

Operator:

Test Date/Time: 01-12-2023

Reviewer:

Print Date/Time: 23-12-2023 15:16:28

The result are for this sample only



Metropolis Healthcare Ltd., EQAS
VIOMA LIFESCIENCES PVT LTD(FORMERLY HWELL24 PLUS
HEALTHCARE PVT LTD) (1013)

Outlier And Analyte Summary Report

Outlier Details For Cycle No 230310 and Sample No 03

Report Date : 19/12/2023

Analyte	Instrument	Result Value	Standard Unit	Z-Score
No Outlier				
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: _____

Reviewed by: _____ **Dated:** _____

Instrument : Mindray BS-240

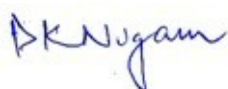
Analyte	Standard Unit	Result Value	Mean	Z-Score	RMZ
@ Glucose	mg/dl	78.90	79.60	0.23	0.15
@ Creatinine	mg/dl	0.76	0.86	-0.21	-0.05
@ Albumin	g/dL	4.06	4.10	0.48	0.03
@ Uric Acid	mg/dl	4.29	4.33	-0.07	-0.33
@ Calcium	mg/dl	8.67	8.35	0.77	0.52
# ALT	U/L	1.10	5.20		-0.04
@ AST	U/L	13.80	13.49	0.17	-0.27

Instrument : BeneSphera Electrolyte Analyzer

Analyte	Standard Unit	Result Value	Mean	Z-Score	RMZ
@ Chloride	mmol/L	111.00	116.35	-0.78	-0.06
@ Sodium	mmol/L	173.00	166.76	-0.24	0.44
@ Potassium	mmol/L	6.80	6.31	-0.04	0.07

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
PT coordinator & Technical Manager, MHL EQAS
Unit No. 409-416.
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Mumbai - 400070