

End-of-Cycle Report Clinical Chemistry (Monthly) Program (BC50) Cycle 22: July 2023 – July 2024



Exceptions

Insufficient results for calculation of your statistics

 Analyte
 Instrument
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 LDH
 Mindray BS-2000
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 Lipase
 Mindray BS-2000
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EQAS News



Bio-Rad Laboratories is accredited to ISO/IEC 17043:2010. Refer to the User Guide for additional information on the EQAS Program, EQAS reports, their interpretation, statistics, and contact details.

-Customer Information-

Lab: 267608

Attn: +998 93 5163843
INTERMED INNOVATION
10A CHINOBOD STR., UNUSABAD DISTRICT TAS

TASHKENT RUSSIA

Cycle Data on File Report Clinical Chemistry (Monthly) Program INTERMED INNOVATION 10A CHINOBOD STR., UNUSABAD DISTRICT TAS TASHKENT RUSSIA

Cycle 22 Jul 2023 – Jul 2024

- No Result

Lot No: 212100



BIO-RAD

						Sampl	e Numb	ers					
Analyte	Unit	1	2	3	4	5	6	7	8	9	10	11	12
Instrume	nt: Mino	dray BS-2	2000										
✓ ALB	g/L	31.16	41.01	50.4	23.74	41.03	49.27	24.18	31.24	48.95	24.2	31.71	42.27
ALKP	U/L	193.99	380.34	698.11	78.94	344.19	543.7	74.49	192.16	431.76	_	185.11	445.98
✓ ALT	U/L	126.77	70.72	26.71	172.59	69.89	24.16	167.5	129.27	26.06	171.76	132.35	74.9
✓ AMYL	U/L	671.91	364.71	98.05	887.25	357.96	95.44	881.56	657.81	90.25	878.59	675.26	356.62
✓ AST	U/L	111.2	216.94	311.65	44.69	206.19	293.6	46.37	112.85	306.55	43.84	105.53	218.21
BILACD		_	_	_	_	_	_	_	_	_	_	_	_
✓ DBIL	µmol/L	23.628	32.852	41.98	16.27	33.59	40.01	17.71	26.113	44.12	16.08	24.31	34.6
IBIL	μmol/L	33.914	71.371	119.38	9.96	80.161	117.58	10.37	36.847	114.35	9.94	40.82	83.42
✓ TBIL	µmol/L	57.542	104.223	161.36	26.23	113.751	157.59	28.08	62.96	158.47	26.02	65.13	118.02
✓ CA	mmol/L	2.152	3.036	3.696	1.48	2.955	3.62	1.45	2.081	3.59	1.46	2.12	3.026
CL	mmol/L	91.13	105.38	119.65	80.58	104.99	118.3	84.23	90.85	118.9	81.87	90.64	105.54
✓ HDL	mmol/L	0.935	1.233	1.508	0.656	1.213	1.47	0.7	1.021	1.59	0.676	0.984	1.332
✓ LDL	mmol/L	2.723	4.495	6.057	1.443	4.356	6.033	1.56	2.913	6.14	1.545	2.864	4.78
✓ CHOL	mmol/L	4.249	6.806	9.25	2.44	6.78	9.047	2.5	4.293	9.14	2.407	4.29	6.906
COLI	U/L	_	7263.1*	8995.9	4316	7340.2	8890.5	4326.3	5491.8	8673.8	4145.7	5372.5	7120.6
CO2		_	_	_	_	_	_	_	_	_	_	_	_
CK	U/L	206.65	316.59	421.13	125.61	_	_	122.9	209.79	394.53	118.42	200.43	311.23
CREA	μmol/L	283.21	177.07	91.77	360.15	174.59	85.18	371.5	284.42	86.39	_	285.71	175.01
✓ GGT	U/L	156.06	274.3	390.32	77.79	272.17	359.01	77.87	153.68	363.2	77.3	154.7	278.64
✓ GLUC	mmol/L	35.754	5.125	7.17	1.27	5.23	7.176	1.34	36.468	7.1	1.251	37.05	5.178
IRON	μmol/L	17.7	28.85	38.11	10.65	27.9	35.95	11.13	18.77	39.59	11.81	17.58	28.76
LDH	U/L	_	_	_	_	690.91	946.81	177.47	381.74	904.86	166.04	387.19	697.77
LIP	U/L	58.91	75.27	122.08	49.04	91.4	107.28	_	_	_	_	_	_
MG	mmol/L	1.332	0.85*	0.441	1.633	0.873	0.431	1.79	1.394	0.47	1.713	1.335	0.858
✓ PHOS	mmol/L	1.037	1.724	2.34	0.554	1.688	2.394	0.57	1.063	2.23	0.577	1.04	1.753
✓ K	mmol/L	2.905	4.643	6.269	1.735	4.631	6.253	1.8	2.848	6.244	1.798	2.897	4.673
✓ TP	g/L	48.47	65.16	83.92	36.34	66.88	82.54	36.67	47.25	80.18	35.68	47.82	66.16
✓ NA	mmol/L	131.78	148.61	165.55	118.43	147.78	164.26	123.2	131.83	165.47	120.09	133.24	148.59
✓ TRIG	mmol/L	1.061	1.72	2.398	0.54	1.768	2.321	0.54	1.051	2.243	0.527	1.061	1.753
UREA	mmol/L	9.697	20.445	29.14	2.43	20.397	28.765	2.55	9.99	24.99	2.651	9.62	19.885
✓ URIC	µmol/L	438.74	282.25	167.01	524.47	273.97	148.12	552.67	457.69	176.66	539.33	451.85	291.81

^{*} Amended Result (per participant's request)

✓ No Warnings

Legend:

1 Late Results

IZ-scorel ≥ 3.0

2.0 ≤ |Z-score| < 3.0

^н Non-robust determination of Mean and SD

Albumin Summary Report Clinical Chemistry (Monthly) Program

Cycle 22 Jul 2023 – Jul 2024 Lot No: 212100

EQAS

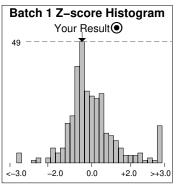
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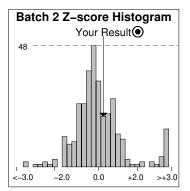
INTERMED INNOVATION 10A CHINOBOD STR., UNUSABAD DISTRICT TAS TASHKENT RUSSIA

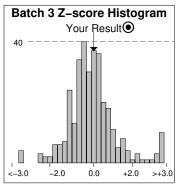
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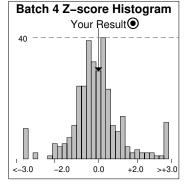
<u>-</u>		19. —/										
Batch #		1			2			3			4	
Sample #	4	7	10	1	8	11	2	5	12	3	6	9
Lab Result	23.74	24.18	24.2	31.16	31.24	31.71	41.01	41.03	42.27	50.4	49.27	48.95
Comparator Mean	24.4	24.3	24.4	31.1	31.1	31.0	41.3	41.5	41.4	49.5	49.6	49.4
Comparator	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer
Your Lab's Z-score	-0.52	-0.12	-0.19	0.06	0.11	0.53	-0.16	-0.27	0.64	0.42	-0.16	-0.25
Your Batch Z-score		-0.29			0.22			0.02			0.03	
Reference Values												

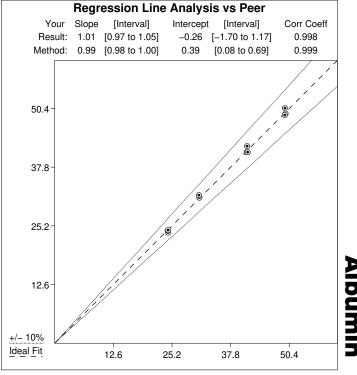
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						Mean						Mean
	N	Mean	SD	CV	U¹	Bias	N	Mean	SD	CV	U¹	Bias
Your Mode�	23242	23.9	1.54	6.47	0.025	0.776	23129	30.5	1.75	5.73	0.029	2.81
Your Method	19004	24.3	1.29	5.32	0.023	-1.16	18885	31.0	1.54	4.97	0.028	1.18
Your Peer ●	876	24.4	1.13	4.65	0.096	-1.36	866	31.1	1.43	4.62	0.122	1.02
	Batch 3: Cycle Comparative Stati				stics	Batch 4: Cycle Comparative Statistics						
						Mean						Mean
	N	Mean	SD	CV	U¹	Bias	N	Mean	SD	CV	U¹	Bias
Your Mode�	22686	41.3	1.94	4.70	0.032	0.390	22987	49.8	2.23	4.47	0.037	-0.528
Your Method	18523	41.4	1.78	4.30	0.033	0.144	18800	49.8	2.11	4.24	0.039	-0.512
Your Peer	852	41.4	1.68	4.06	0.144	0.089	847	49.5	2.07	4.19	0.178	0.107











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Alkaline Phosphatase Summary Report Clinical Chemistry (Monthly) Program

Cycle 22

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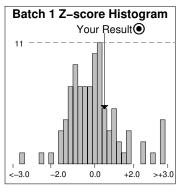
Jul 2023 - Jul 2024 Lot No: 212100

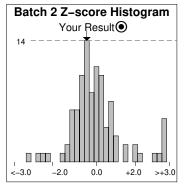


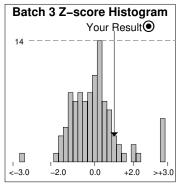
Mindray BS Series (U/L)

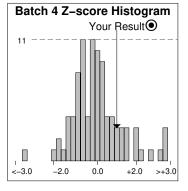
		` '										
Batch #		1			2			3			4	
Sample #	4	7	10	1	8	11	2	5	12	3	6	9
Lab Result	78.94	74.49	-	193.99	192.16	185.11	380.34	344.19	445.98	698.11	543.7	431.76
									>=3.0 Z	>=3.0 Z		>=2.0 Z
Comparator Mean	74.3	74.3	70.9	197	199	195	370	365	358	522	522	515
Comparator	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer
Your Lab's Z-score	0.68	0.03	-	-0.18	-0.36	-0.64	0.30	-0.70	4.12	3.86	0.54	-2.01
Your Batch Z-score		0.51			-0.38			0.92			0.88	
Reference Values												

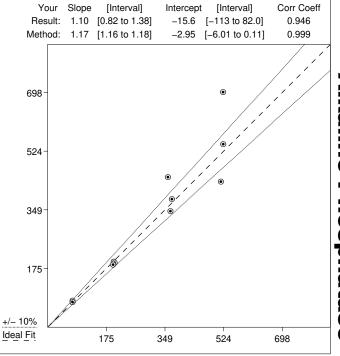
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						Mean						Mean
	N	Mean	SD	CV	U¹	Bias	N	Mean	SD	CV	U¹	Bias
Your Mode �	4983	70.1	6.12	8.73	0.217	9.40	4972	190	13.9	7.33	0.494	0.233
Your Method	9967	64.2	5.79	9.01	0.145	19.4	9896	171	14.4	8.43	0.361	11.6
Your Peer	259	73.2	6.91	9.44	1.07	4.79	255	197	16.9	8.61	2.65	-3.26
	Bat	ch 3: Cyc	le Compar	ative Statis	stics		Bat	ch 4: Cyc	le Compai	ative Stati	stics	
						Mean						Mean
	N	Mean	SD	CV	U¹	Bias	N	Mean	SD	CV	U¹	Bias
Your Mode �	4904	352	25.7	7.30	0.917	10.8	4930	499	35.6	7.13	1.27	11.8
Your Method	9604	315	26.8	8.50	0.683	24.0	9760	444	38.0	8.56	0.963	25.5
Your Peer	255	364	28.5	7.83	4.46	7.20	250	520	42.8	8.24	6.77	7.28











Regression Line Analysis vs Peer

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Reviewed by: _

Alkaline Phosphatase

Lab 267608 INTERMED INNOVATION

TASHKENT **RUSSIA**

ALT (ALAT/GPT) Summary Report Clinical Chemistry (Monthly) Program

10A CHINOBOD STR., UNUSABAD DISTRICT TAS

Cycle 22 Jul 2023 - Jul 2024

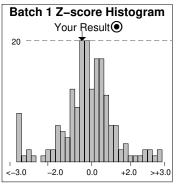
Lot No: 212100

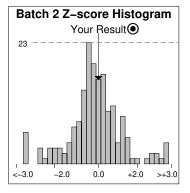


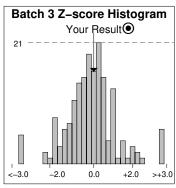
Mindray BS Series (U/L)

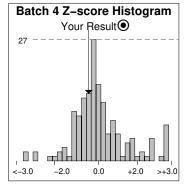
manus, 200		\ - <i>'</i> - <i>j</i>										
Batch #		1			2			3			4	
Sample #	4	7	10	1	8	11	2	5	12	3	6	9
Lab Result	172.59	167.5	171.76	126.77	129.27	132.35	70.72	69.89	74.9	26.71	24.16	26.06
Comparator Mean	173	173	172	129	129	128	71.6	71.3	72.6	26.3	26.2	26.2
Comparator	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer
Your Lab's Z-score	-0.09	-0.64	-0.02	-0.39	-0.03	0.79	-0.22	-0.43	0.60	0.22	-1.20	-0.06
Your Batch Z-score		-0.27			0.10			0			-0.33	
Reference Values												

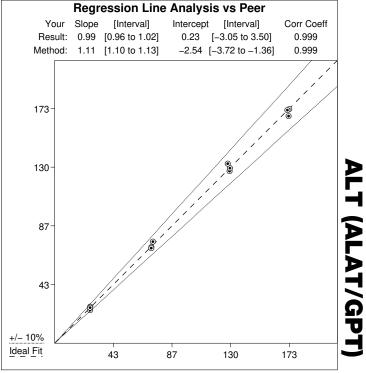
	Bate	ch 1: Cyc	le Compai	ative Statis	stics		Bate	ch 2: Cyc	le Compai	rative Stati	stics	
						Mean						Mean
	N	Mean	SD	CV	U¹	Bias	N	Mean	SD	CV	U¹	Bias
Your Mode�	4819	170	9.54	5.60	0.344	0.146	4761	129	7.20	5.57	0.261	0.165
Your Method ■	12996	157	7.64	4.88	0.167	9.01	12964	119	6.10	5.13	0.134	8.80
Your Peer ●	467	173	7.56	4.38	0.875	-1.17	452	129	6.12	4.75	0.719	0.498
	Bate	ch 3: Cyc	le Compar	ative Statis	stics		Bate	ch 4: Cyc	le Compa	rative Stati	stics	
						Mean						Mean
	N	Mean	SD	CV	U¹	Bias	N	Mean	SD	CV	U¹	Bias
Your Mode�	4699	73.7	4.55	6.17	0.166	-2.54	4755	29.7	4.33	14.6	0.157	-13.6
Your Method	12727	66.9	4.19	6.26	0.093	7.45	12935	25.4	2.84	11.2	0.062	0.831
Your Peer ●	449	71.9	3.73	5.19	0.440	-0.026	446	26.2	1.65	6.28	0.195	-2.08











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Amylase Summary Report Clinical Chemistry (Monthly) Program

n Cycle 22 Jul 2023 – Jul 2024 Lot No: 212100

EQAS

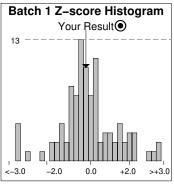
BIO-RAD

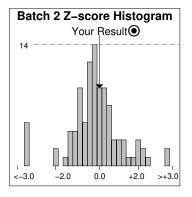
INTERMED INNOVATION 10A CHINOBOD STR., UNUSABAD DISTRICT TAS TASHKENT RUSSIA

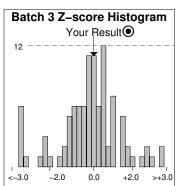
Mindray BS Series (U/L)

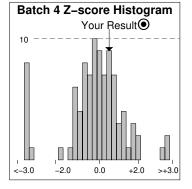
		\ - · - /										
Batch #		1			2			3			4	
Sample #	4	7	10	1	8	11	2	5	12	3	6	9
Lab Result	887.25	881.56	878.59	671.91	657.81	675.26	364.71	357.96	356.62	98.05	95.44	90.25
Comparator Mean	887	882	886	667	665	663	361	357	360	93.2	92.9	92.0
Comparator	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer
Your Lab's Z-score	0.02	-0.01	-0.23	0.22	-0.28	0.55	0.34	0.07	-0.30	1.16	0.62	-0.40
Your Batch Z-score		-0.08			0.16			0.03			0.47	
Reference Values												

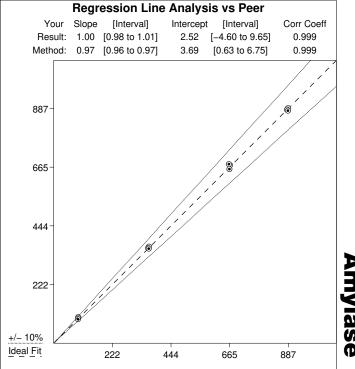
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						Mean						Mean
	N	Mean	SD	CV	U¹	Bias	N	Mean	SD	CV	U¹	Bias
Your Mode �	9575	832	34.3	4.12	0.877	6.02	9635	625	25.6	4.10	0.653	6.89
Your Method	3458	910	45.3	4.98	1.93	-2.99	3425	679	32.7	4.81	1.40	-1.58
Your Peer	237	885	30.5	3.45	4.96	-0.272	244	665	23.0	3.46	3.68	0.551
	Bate	ch 3: Cyc	le Compai	ative Statis	stics		Bat	ch 4: Cyc	le Compai	ative Stati	stics	
						Mean						Mean
	N	Mean	SD	CV	U¹	Bias	N	Mean	SD	CV	U¹	Bias
Your Mode �	9340	342	14.6	4.27	0.378	5.15	9433	90.0	4.19	4.65	0.108	5.08
Your Method	3363	368	17.2	4.68	0.741	-2.19	3390	91.6	6.94	7.57	0.298	3.22
Your Peer	237	359	12.5	3.48	2.03	0.119	234	92.7	4.12	4.45	0.674	2.07











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AST/GOT Summary Report Clinical Chemistry (Monthly) Program

Cycle 22 Jul 2023 – Jul 2024 Lot No: 212100

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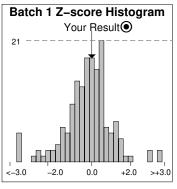
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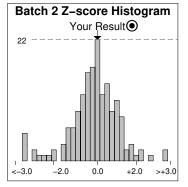
INTERMED INNOVATION 10A CHINOBOD STR., UNUSABAD DISTRICT TAS TASHKENT RUSSIA

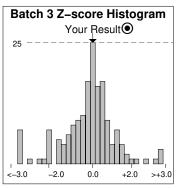
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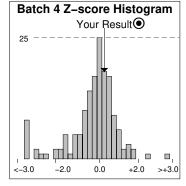
Batch #		1			2			3			4	
Sample #	4	7	10	1	8	11	2	5	12	3	6	9
Lab Result	44.69	46.37	43.84	111.2	112.85	105.53	216.94	206.19	218.21	311.65	293.6	306.55
Comparator Mean	45.1	44.5	44.5	111	109	109	213	211	215	301	300	297
Comparator	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer
Your Lab's Z-score	-0.19	0.93	-0.29	0.08	0.74	-0.62	0.40	-0.44	0.39	0.71	-0.46	0.86
Your Batch Z-score		0.11			0.09			0.11			0.35	
Reference Values		45.8									350	

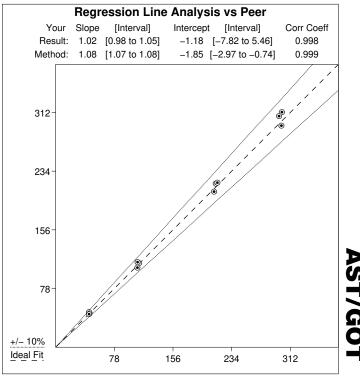
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		Mean										Mean
	N	Mean	SD	CV	U¹	Bias	N	Mean	SD	CV	U¹	Bias
Your Mode�	17187	44.0	3.48	7.92	0.066	2.23	17091	106	7.60	7.19	0.145	3.92
Your Method	12631	43.1	3.10	7.20	0.069	4.41	12643	104	6.65	6.41	0.148	5.96
Your Peer	432	44.7	2.12	4.74	0.255	0.536	420	109	5.39	4.93	0.657	0.447
	Bato	ch 3: Cyc	le Compar	ative Statis	stics		Bate	ch 4: Cyc	le Compar	ative Stati	stics	
						Mean						Mean
	N	Mean	SD	CV	U¹	Bias	N	Mean	SD	CV	U¹	Bias
Your Mode�	16796	203	14.6	7.21	0.283	5.20	17038	285	20.4	7.16	0.391	6.60
Your Method	12369	199	12.4	6.22	0.278	7.42	12554	280	17.5	6.27	0.391	8.74
Your Peer	415	213	9.42	4.43	1.16	0.465	412	299	13.9	4.65	1.71	1.65











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Bile Acids Summary Report Clinical Chemistry (Monthly) Program

Cycle 22 Jul 2023 – Jul 2024 Lot No: 212100



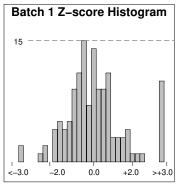
BIO-RAD

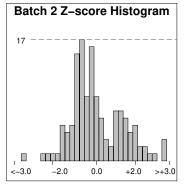
INTERMED INNOVATION 10A CHINOBOD STR., UNUSABAD DISTRICT TAS TASHKENT RUSSIA

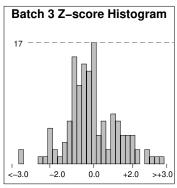
Mindray BS Series (µmol/L)

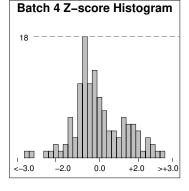
		\ I	,									
Batch #		1			2			3			4	
Sample #	4	7	10	1	8	11	2	5	12	3	6	9
Lab Result	_	_	_	_	-	-	_	_	-	_	-	-
Comparator Mean	5.43	5.54	5.46	26.0	26.2	26.4	54.3	55.3	56.2	78.0	79.6	79.9
Comparator	Method	Method	Method	Method	Method	Method	Method	Method	Method	Method	Method	Method
Your Lab's Z-score	_	_	_	_	-	-	_	_	-	_	-	_
Your Batch Z-score		-			-			-			-	
Reference Values												

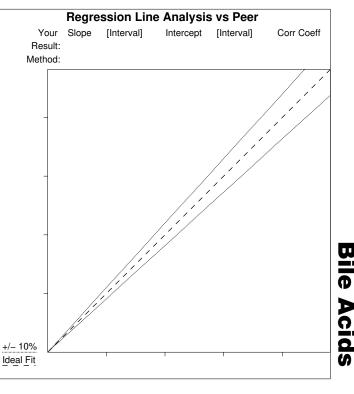
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		Mean Mean										Mean
	N	Mean	SD	CV	U¹	Bias	N	Mean	SD	CV	U¹	Bias
All Results�	320	5.48	0.645	11.8	0.090	_	326	26.2	3.32	12.6	0.459	_
Your Method ■	320	5.48	0.645	11.8	0.090	_	326	26.2	3.32	12.6	0.459	_
Your Peer	3 [¤]	4.83	0.058	1.19	0.042	_	3	24.2	0.749	3.09	1.08	_
	Bate	ch 3: Cyc	le Compar	ative Statis	stics		Bat	ch 4: Cyc	le Compar	ative Stati	stics	
						Mean						Mean
	N	Mean	SD	CV	U¹	Bias	N	Mean	SD	CV	U¹	Bias
All Results�	317	55.3	6.86	12.4	0.963	_	307	79.1	8.60	10.9	1.23	_
Your Method ■	317	55.3	6.86	12.4	0.963	_	307	79.1	8.60	10.9	1.23	_
Your Peer	3	54.5	1.54	2.83	2.22	_	4	79.7	0.180	0.226	0.225	_











Co	mm	ents	s: _	

Bilirubin, Direct Summary Report Clinical Chemistry (Monthly) Program

Cycle 22

INTERMED INNOVATION 10A CHINOBOD STR., UNUSABAD DISTRICT TAS TASHKENT Jul 2023 – Jul 2024 Lot No: 212100

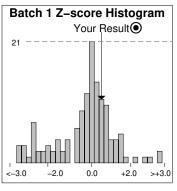


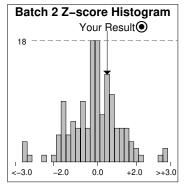
Mindray BS Series (µmol/L)

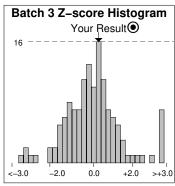
RUSSIA

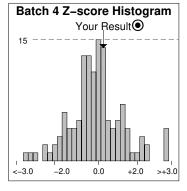
		(P	· —,									
Batch #		1			2			3			4	
Sample #	4	7	10	1	8	11	2	5	12	3	6	9
Lab Result	16.27	17.71	16.08	23.628	26.113	24.31	32.852	33.59	34.6	41.98	40.01	44.12
Comparator Mean	16.0	16.2	16.3	23.8	24.2	24.1	33.0	32.8	33.9	41.0	41.0	41.2
Comparator	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer
Your Lab's Z-score	0.22	1.15	-0.14	-0.14	1.26	0.17	-0.07	0.50	0.44	0.34	-0.43	1.38
Your Batch Z-score		0.42			0.43			0.25			0.41	
Reference Values												

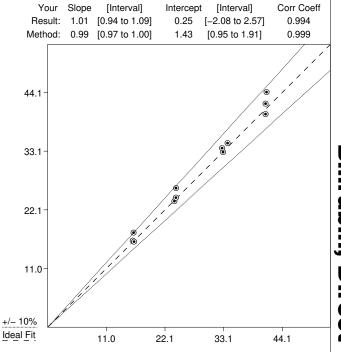
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		Mean										Mean				
	N	Mean	SD	CV	U¹	Bias	N	Mean	SD	CV	U¹	Bias				
Your Mode�	16731	14.9	1.42	9.53	0.028	11.6	16641	23.8	2.66	11.2	0.052	3.67				
Your Method	16833	14.7	1.68	11.5	0.032	13.6	16785	23.3	3.18	13.7	0.061	6.11				
Your Peer	359	16.1	1.32	8.18	0.174	3.47	347	24.1	1.46	6.05	0.195	2.58				
	Bato	ch 3: Cyc	le Compar	ative Statis	stics		Bate	ch 4: Cyc	le Compar	ative Statis	tive Statistics					
						Mean						Mean				
	N	Mean	SD	CV	U¹	Bias	N	Mean	SD	CV	U¹	Bias				
Your Mode�	16283	33.2	4.20	12.7	0.082	1.57	16517	41.2	5.80	14.1	0.113	2.07				
Your Method	16379	32.3	4.98	15.4	0.097	4.22	16622	40.0	6.80	17.0	0.132	5.01				
Your Peer	346	33.2	1.86	5.61	0.250	1.39	344	41.1	2.39	5.83	0.322	2.39				











Regression Line Analysis vs Peer

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Reviewed by: _

Generated 09 Oct 2024

Bilirubin, Direct

TASHKENT **RUSSIA**

Bilirubin, Indirect/BU Summary Report Clinical Chemistry (Monthly) Program

10A CHINOBOD STR., UNUSABAD DISTRICT TAS

Cycle 22 Jul 2023 - Jul 2024

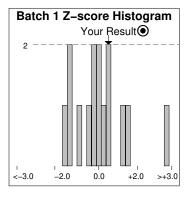
Lot No: 212100

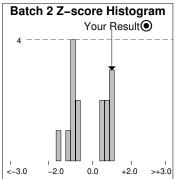


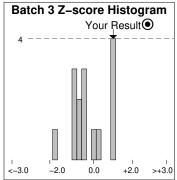
Mindray BS Series (umol/L)

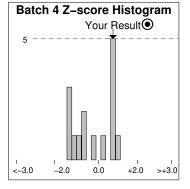
		/h	_,									
Batch #		1			2			3			4	
Sample #	4	7	10	1	8	11	2	5	12	3	6	9
Lab Result	9.96	10.37	9.94	33.914	36.847	40.82	71.371	80.161	83.42	119.38	117.58	114.35
									>=2.0 Z			
Comparator Mean	9.53	9.65	9.46	32.3	34.3	32.0	70.6	68.1	70.9	106	106	112
Comparator	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer
Your Lab's Z-score	0.25	0.82	0.69	0.32	0.63	1.86	0.09	1.13	2.81	0.91	0.77	0.50
Your Batch Z-score		0.48			0.86			0.99			0.76	
Reference Values												

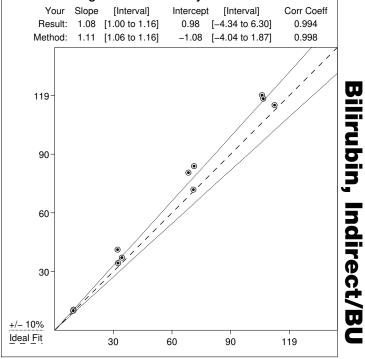
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						Mean						Mean
	N	Mean	SD	CV	U¹	Bias	N	Mean	SD	CV	U¹	Bias
Your Mode �	695	7.19	1.99	27.7	0.189	40.4	678	25.9	3.50	13.5	0.336	43.3
Your Method	1186	9.10	3.46	38.0	0.251	10.9	1166	30.3	7.54	24.9	0.552	22.8
Your Peer	38	9.50	1.24	13.0	0.502	6.20	36	32.9	4.95	15.0	2.06	13.0
	Bat	ch 3: Cyc	le Compai	ative Statis	stics		Bat	ch 4: Cyc	le Compar	ative Stati	stics	
						Mean						Mean
	N	Mean	SD	CV	U¹	Bias	N	Mean	SD	CV	U¹	Bias
Your Mode �	662	58.5	5.56	9.51	0.540	34.0	678	88.4	8.40	9.50	0.807	32.4
Your Method	1137	65.4	11.9	18.2	0.885	19.7	1143	96.8	15.5	16.0	1.14	21.0
Your Peer	38	69.6	8.76	12.6	3.55	12.5	37	109	11.3	10.4	4.64	7.86











Regression Line Analysis vs Peer

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Reviewed by:

¹ Expanded uncertainty coverage factor, k=2 Generated 09 Oct 2024

Bilirubin, Total Summary Report Clinical Chemistry (Monthly) Program

10A CHINOBOD STR., UNUSABAD DISTRICT TAS

Cycle 22 Jul 2023 - Jul 2024

Lot No: 212100

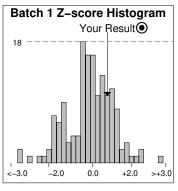


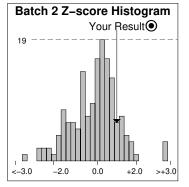
Mindray BS Series (umol/L)

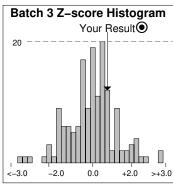
TASHKENT **RUSSIA**

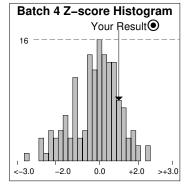
		/h	· —,									
Batch #		1			2			3			4	
Sample #	4	7	10	1	8	11	2	5	12	3	6	9
Lab Result	26.23	28.08	26.02	57.542	62.96	65.13	104.223	113.751	118.02	161.36	157.59	158.47
Comparator Mean	25.2	25.2	25.5	57.3	57.9	58.1	106	106	107	151	150	150
Comparator	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer
Your Lab's Z-score	0.43	1.29	0.26	0.04	1.11	1.65	-0.20	1.06	1.32	0.80	0.85	0.82
Your Batch Z-score		0.67			0.85			0.65			0.85	
Reference Values												

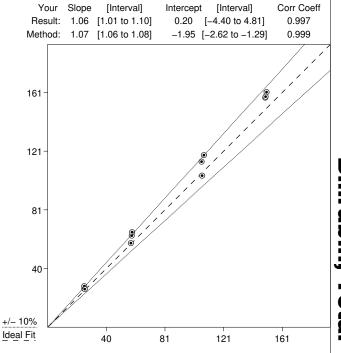
	Bate	Batch 1: Cycle Comparative Statistics						Batch 2: Cycle Comparative Statistics				
						Mean						Mean
	N	Mean	SD	CV	U¹	Bias	N	Mean	SD	CV	U¹	Bias
All Results�	22841	24.0	2.59	10.8	0.043	11.5	22691	54.2	4.90	9.04	0.081	14.1
Your Method ■	11890	25.1	2.11	8.41	0.048	6.68	11750	56.2	3.51	6.24	0.081	10.1
Your Peer ●	406	25.3	2.22	8.78	0.275	5.89	396	57.8	4.80	8.30	0.602	7.08
	Bate	ch 3: Cyc	le Compai	ative Statis	stics		Bate	ch 4: Cyc	le Compai	ative Statis	stics	
						Mean						Mean
	Ν	Mean	SD	CV	U¹	Bias	N	Mean	SD	CV	U¹	Bias
All Results�	22276	99.3	8.07	8.14	0.135	12.8	22573	140	12.0	8.58	0.200	13.5
Your Method ■	11609	101	5.88	5.80	0.136	10.5	11777	142	8.14	5.75	0.188	12.3
Your Peer ●	395	107	8.35	7.83	1.05	5.11	396	150	10.8	7.21	1.36	6.11











Regression Line Analysis vs Peer

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Reviewed by:

Generated 09 Oct 2024

Calcium Summary Report Clinical Chemistry (Monthly) Program

Cycle 22 Jul 2023 – Jul 2024 Lot No: 212100

EQAS

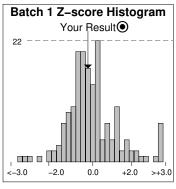
BIO-RAD

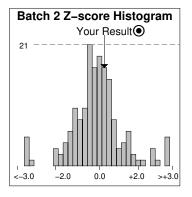
INTERMED INNOVATION 10A CHINOBOD STR., UNUSABAD DISTRICT TAS TASHKENT RUSSIA

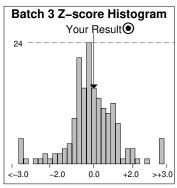
Mindray BS Series (mmol/L)

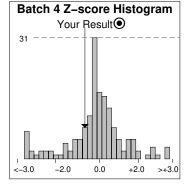
		•	· ,									
Batch #		1			2			3			4	
Sample #	4	7	10	1	8	11	2	5	12	3	6	9
Lab Result	1.48	1.45	1.46	2.152	2.081	2.12	3.036	2.955	3.026	3.696	3.62	3.59
Comparator Mean	1.49	1.47	1.46	2.10	2.11	2.09	3.00	3.01	3.00	3.69	3.69	3.70
Comparator	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer
Your Lab's Z-score	-0.09	-0.31	-0.06	0.50	-0.25	0.45	0.31	-0.52	0.29	0.03	-0.48	-0.91
Your Batch Z-score		-0.15			0.24			0.05			-0.42	
Reference Values												

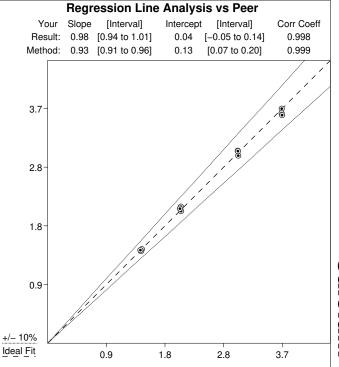
	Bato	Batch 1: Cycle Comparative Statistics						Batch 2: Cycle Comparative Statistics				
						Mean						Mean
	N	Mean	SD	CV	U¹	Bias	N	Mean	SD	CV	U¹	Bias
All Results�	19179	1.45	0.054	3.75	0.001	0.992	19042	2.07	0.062	3.01	0.001	2.18
Your Method <a> I	9261	1.46	0.054	3.71	0.001	0.034	9163	2.08	0.067	3.24	0.002	1.88
Your Peer	446	1.47	0.071	4.83	0.008	-0.722	431	2.10	0.090	4.29	0.011	1.05
	Bato	ch 3: Cyc	le Compar	ative Statis	stics		Bate	ch 4: Cyc	le Compar	ative Statis	stics	
						Mean						Mean
	N	Mean	SD	CV	U¹	Bias	N	Mean	SD	CV	U¹	Bias
All Results�	18656	3.03	0.089	2.94	0.002	-0.755	18837	3.84	0.124	3.23	0.002	-5.43
Your Method <a> I	9085	3.03	0.087	2.87	0.002	-0.964	9123	3.84	0.124	3.23	0.003	-5.31
Your Peer	431	3.00	0.103	3.42	0.012	0.163	413	3.69	0.140	3.78	0.017	-1.58











Co	m	m	er	าts:	
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Reviewed by: _

Generated 09 Oct 2024

Chloride Summary Report Clinical Chemistry (Monthly) Program

Cycle 22 Jul 2023 – Jul 2024 Lot No: 212100

EQAS

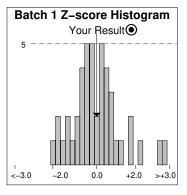
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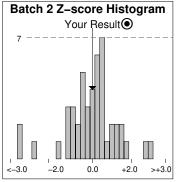
INTERMED INNOVATION 10A CHINOBOD STR., UNUSABAD DISTRICT TAS TASHKENT RUSSIA

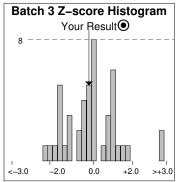
Mindray BS Series (mmol/L)

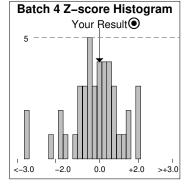
		•	· ,									
Batch #		1			2			3			4	
Sample #	4	7	10	1	8	11	2	5	12	3	6	9
Lab Result	80.58	84.23	81.87	91.13	90.85	90.64	105.38	104.99	105.54	119.65	118.3	118.9
		>=2.0 Z										
Comparator Mean	82.0	81.8	82.2	90.5	90.5	91.0	105	105	106	118	119	119
Comparator	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer
Your Lab's Z-score	-0.95	2.40	-0.25	0.34	0.43	-0.28	-0.03	-0.19	-0.01	0.58	-0.42	0.20
Your Batch Z-score		0.20			0.16			-0.07			0.13	
Reference Values												

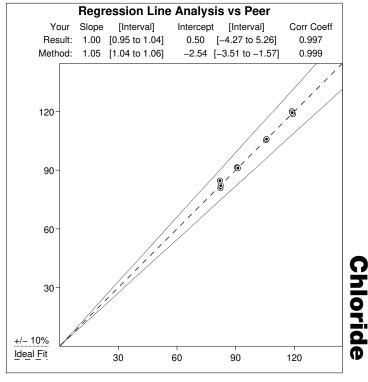
	Bato	Batch 1: Cycle Comparative Statistics						Batch 2: Cycle Comparative Statistics				
						Mean						Mean
	N	Mean	SD	CV	U¹	Bias	N	Mean	SD	CV	U¹	Bias
All Results�	22498	81.5	3.03	3.72	0.051	0.942	22386	90.0	3.09	3.43	0.052	0.935
Your Method <a> 	12687	80.7	2.70	3.34	0.060	1.95	12680	88.8	2.61	2.94	0.058	2.32
Your Peer	116	82.0	1.25	1.53	0.291	0.303	116	90.7	1.25	1.38	0.291	0.226
	Bato	ch 3: Cyc	le Compar	ative Statis	stics		Bate	ch 4: Cyc	le Compai	ative Stati	stics	
						Mean						Mean
	N	Mean	SD	CV	U¹	Bias	N	Mean	SD	CV	U¹	Bias
All Results�	22028	105	3.50	3.35	0.059	0.697	22300	118	4.30	3.65	0.072	0.999
Your Method	12352	103	2.56	2.49	0.058	2.27	12526	116	2.43	2.10	0.054	2.85
Your Peer	113	105	1.45	1.38	0.342	-0.094	111	119	1.83	1.54	0.435	0.202











Co	m	m	er	าts:	
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Cholesterol, HDL Summary Report Clinical Chemistry (Monthly) Program

Cycle 22 Jul 2023 – Jul 2024 Lot No: 212100

EQAS

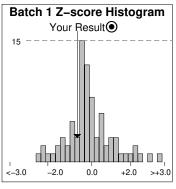
BIO-RAD

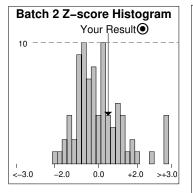
INTERMED INNOVATION 10A CHINOBOD STR., UNUSABAD DISTRICT TAS TASHKENT RUSSIA

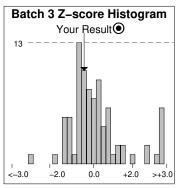
Mindray BS Series (mmol/L)

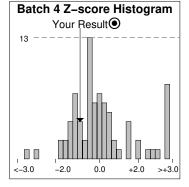
		(-· — /									
Batch #		1			2			3			4	
Sample #	4	7	10	1	8	11	2	5	12	3	6	9
Lab Result	0.656	0.7	0.676	0.935	1.021	0.984	1.233	1.213	1.332	1.508	1.47	1.59
Comparator Mean	0.696	0.694	0.693	0.961	0.957	0.941	1.29	1.29	1.28	1.60	1.59	1.59
Comparator	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer
Your Lab's Z-score	-0.99	0.15	-0.50	-0.38	0.90	0.72	-0.58	-1.02	0.65	-0.64	-1.42	0.02
Your Batch Z-score		-0.44			0.44			-0.33			-0.65	
Reference Values												

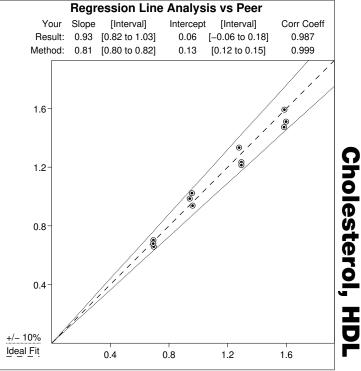
	Bato	Batch 1: Cycle Comparative Statistics						Batch 2: Cycle Comparative Statistics				
						Mean						Mean
	N	Mean	SD	CV	U¹	Bias	N	Mean	SD	CV	U¹	Bias
Your Mode�	12225	0.710	0.084	11.8	0.002	-4.57	12073	1.04	0.099	9.51	0.002	-5.90
Your Method <a> 	1733	0.698	0.081	11.7	0.005	-2.96	1730	0.996	0.113	11.3	0.007	-1.61
Your Peer ●	214	0.695	0.041	5.85	0.007	-2.57	211	0.952	0.064	6.75	0.011	2.97
	Bato	ch 3: Cyc	le Compar	ative Statis	stics		Bate	ch 4: Cyc	le Compar	ative Statis	stics	
						Mean						Mean
	N	Mean	SD	CV	U¹	Bias	N	Mean	SD	CV	U¹	Bias
Your Mode�	11965	1.51	0.165	10.9	0.004	-16.8	12112	1.94	0.219	11.3	0.005	-21.6
Your Method <a> 	1675	1.42	0.201	14.2	0.012	-11.2	1720	1.80	0.317	17.6	0.019	-15.3
Your Peer ●	207	1.29	0.089	6.94	0.016	-2.30	207	1.59	0.101	6.38	0.018	-4.14











Comments	:
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Lab 267608 C

Cholesterol, LDL Summary Report Clinical Chemistry (Monthly) Program

10A CHINOBOD STR., UNUSABAD DISTRICT TAS

Cycle 22 Jul 2023 – Jul 2024

2023 – Jul 2024 Lot No: 212100



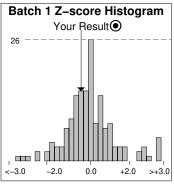
BIO-RAD

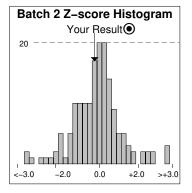
Mindray BS Series (mmol/L)

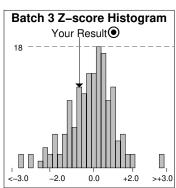
TASHKENT RUSSIA

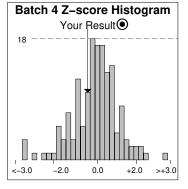
	••••	,	, —-,									
Batch #		1			2			3			4	
Sample #	4	7	10	1	8	11	2	5	12	3	6	9
Lab Result	1.443	1.56	1.545	2.723	2.913	2.864	4.495	4.356	4.78	6.057	6.033	6.14
Comparator Mean	1.57	1.56	1.56	2.84	2.85	2.85	4.70	4.72	4.72	6.20	6.26	6.26
Comparator	Peer	Peer	Peer	Peer	Peer							
Your Lab's Z-score	-0.97	-0.01	-0.14	-0.45	0.27	0.06	-0.47	-0.97	0.19	-0.24	-0.43	-0.24
Your Batch Z-score		-0.35			-0.07			-0.45			-0.31	
Reference Values												

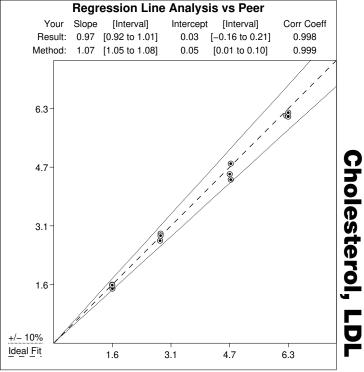
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						Mean						Mean	
	N	Mean	SD	CV	U¹	Bias	N	Mean	SD	CV	U¹	Bias	
Your Mode�	11434	1.45	0.099	6.86	0.002	4.73	11450	2.63	0.171	6.53	0.004	7.93	
Your Method ■	10286	1.44	0.098	6.83	0.002	5.35	10253	2.61	0.170	6.53	0.004	8.66	
Your Peer ●	420	1.56	0.134	8.55	0.016	-3.02	409	2.85	0.225	7.91	0.028	-0.569	
	Bato	ch 3: Cyc	le Compar	ative Statis	stics		Bate	ch 4: Cyc	le Compar	ative Statis	stics		
						Mean						Mean	
	N	Mean	SD	CV	U¹	Bias	N	Mean	SD	CV	U¹	Bias	
Your Mode�	11097	4.39	0.283	6.46	0.007	3.54	11244	5.88	0.359	6.11	0.008	3.27	
Your Method	9971	4.35	0.279	6.41	0.007	4.53	10139	5.83	0.339	5.82	0.008	4.25	
Your Peer	406	4.71	0.373	7.92	0.046	-3.55	402	6.24	0.526	8.42	0.066	-2.64	











Co	m	m	er	าts:	
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10A CHINOBOD STR., UNUSABAD DISTRICT TAS

Jul 2023 – Jul 2024 Lot No: 212100



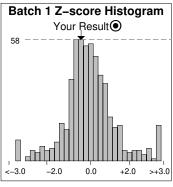
BIO-RAD

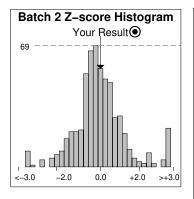
Mindray BS Series (mmol/L)

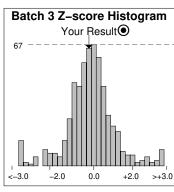
TASHKENT RUSSIA

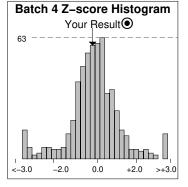
minutary BC C	01100	,	· <i>,</i> — <i>,</i>									
Batch #		1			2			3			4	
Sample #	4	7	10	1	8	11	2	5	12	3	6	9
Lab Result	2.44	2.5	2.407	4.249	4.293	4.29	6.806	6.78	6.906	9.25	9.047	9.14
Comparator Mean	2.49	2.48	2.48	4.27	4.26	4.25	6.90	6.88	6.86	9.17	9.16	9.13
Comparator	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer
Your Lab's Z-score	-0.45	0.23	-0.72	-0.09	0.21	0.25	-0.34	-0.42	0.19	0.20	-0.35	0.02
Your Batch Z-score		-0.33			0.11			-0.20			-0.03	
Reference Values		2.46									9.49	

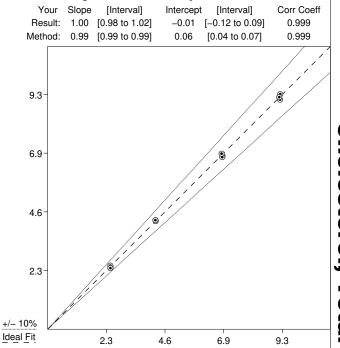
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						Mean						Mean
	N	Mean	SD	CV	U¹	Bias	N	Mean	SD	CV	U¹	Bias
Your Mode�	32901	2.46	0.125	5.07	0.002	-0.470	32608	4.25	0.188	4.44	0.003	0.746
Your Method	33278	2.46	0.131	5.32	0.002	-0.275	32996	4.24	0.196	4.63	0.003	0.925
Your Peer	1595	2.48	0.097	3.93	0.006	-1.29	1577	4.26	0.162	3.81	0.010	0.426
	Bato	ch 3: Cyc	le Compar	ative Statis	stics		Bate	ch 4: Cyc	le Compar	ative Statis	stics	
						Mean						Mean
	N	Mean	SD	CV	U¹	Bias	N	Mean	SD	CV	U¹	Bias
Your Mode�	32150	6.92	0.301	4.35	0.004	-1.30	32648	9.21	0.446	4.84	0.006	-0.736
Your Method	32522	6.91	0.309	4.48	0.004	-1.09	33024	9.19	0.464	5.04	0.006	-0.533
Your Peer	1560	6.88	0.255	3.71	0.016	-0.748	1563	9.16	0.353	3.86	0.022	-0.128











Regression Line Analysis vs Peer

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ᡣ	m	m	Δ	n	te	•

Reviewed by:

Generated 09 Oct 2024

Lab 267608 INTERMED INNOVATION

TASHKENT **RUSSIA**

Cholinesterase Summary Report Clinical Chemistry (Monthly) Program

10A CHINOBOD STR., UNUSABAD DISTRICT TAS

Cycle 22 Jul 2023 - Jul 2024

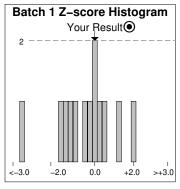
Lot No: 212100

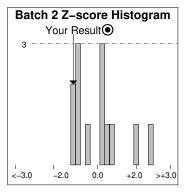


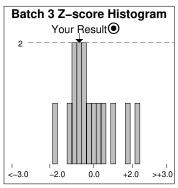
Mindray BS Series (U/L)

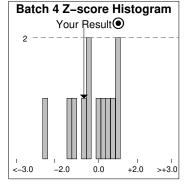
		(- , - ,										
Batch #		1			2			3			4	
Sample #	4	7	10	1	8	11	2	5	12	3	6	9
Lab Result	4316	4326.3	4145.7	_	5491.8	5372.5	7263.1*	7340.2	7120.6	8995.9	8890.5	8673.8
Comparator Mean	4243	4287	4275	5640	5634	5570	7395	7417	7365	8871	8933	9104
Comparator	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Mode	Peer	Peer
Your Lab's Z-score	0.33	0.32	-0.66	_	-0.77	-1.07	-0.25	-0.32	-1.23	0.34	-0.09	-1.37
Your Batch Z-score		0.01			-0.87			-0.61			-0.58	
Reference Values												

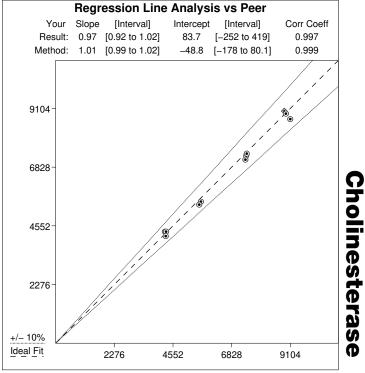
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						Mean						Mean	
	N	Mean	SD	CV	U¹	Bias	N	Mean	SD	CV	U¹	Bias	
Your Mode�	1354	4236	157	3.71	10.7	0.619	1359	5506	204	3.70	13.8	-1.34	
Your Method	1623	4300	222	5.17	13.8	-0.871	1638	5592	293	5.25	18.1	-2.86	
Your Peer	32	4261	183	4.30	81.1	0.035	31	5618	213	3.79	95.5	-3.30	
	Bate	ch 3: Cyc	le Compai	rative Statis	stics		Bat	ch 4: Cyc	le Compai	ative Statis	stics		
						Mean						Mean	
	N	Mean	SD	CV	U¹	Bias	N	Mean	SD	CV	U¹	Bias	
Your Mode�	1315	7280	299	4.11	20.6	-0.531	1340	8879	374	4.22	25.6	-0.287	
Your Method	1584	7407	431	5.82	27.1	-2.24	1610	9016	523	5.80	32.6	-1.80	
Your Peer	31	7393	251	3.40	113	-2.06	28	9039	322	3.56	152	-2.05	











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CO2 (Carbon Dioxide) Summary Report Clinical Chemistry (Monthly) Program

Cycle 22

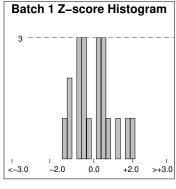
INTERMED INNOVATION 10A CHINOBOD STR., UNUSABAD DISTRICT TAS TASHKENT RUSSIA Jul 2023 – Jul 2024 Lot No: 212100

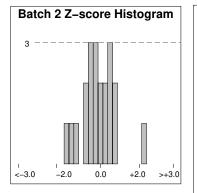


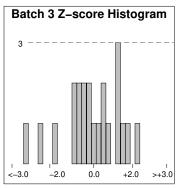
Mindray BS Series (mmol/L)

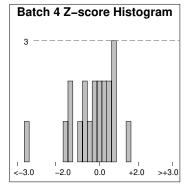
			-									
Batch #		1			2			3			4	
Sample #	4	7	10	1	8	11	2	5	12	3	6	9
Lab Result	_	_	-	_	_	_	_	-	-	_	_	-
Comparator Mean	15.6	15.3	15.4	16.9	16.6	17.0	18.5	18.7	19.1	21.4	20.4	21.7
Comparator	Peer											
Your Lab's Z-score	-	-	-	_	-	_	_	-	-	_	_	_
Your Batch Z-score		-			_			-			_	
Reference Values												

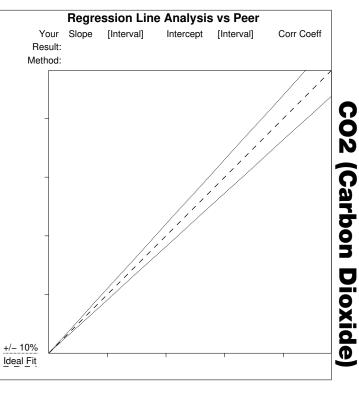
	Bate	Batch 1: Cycle Comparative Statistics					Batch 2: Cycle Comparative Statistics					
						Mean						Mean
	N	Mean	SD	CV	U¹	Bias	N	Mean	SD	CV	U¹	Bias
Your Mode�	4932	15.3	1.28	8.36	0.046	-	4930	17.2	1.48	8.59	0.053	_
Your Method	4492	15.3	1.27	8.28	0.047	_	4495	17.2	1.46	8.52	0.055	_
Your Peer	49	15.4	1.28	8.31	0.459	_	48	16.8	1.11	6.58	0.399	_
	Bate	ch 3: Cyc	le Compar	ative Statis	stics		Batch 4: Cycle Comparative Statistics					
						Mean						Mean
	N	Mean	SD	CV	U¹	Bias	N	Mean	SD	CV	U¹	Bias
Your Mode�	4846	18.4	1.59	8.64	0.057	_	4901	20.3	1.79	8.77	0.064	_
Your Method	4424	18.4	1.59	8.66	0.060	_	4473	20.3	1.77	8.70	0.066	_
Your Peer	51	18.8	1.37	7.28	0.479	_	47	21.1	1.65	7.84	0.603	_











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C_{Ω}	m	m	an	te:

Lab 267608 INTERMED INNOVATION

TASHKENT **RUSSIA**

Creatine Kinase Summary Report Clinical Chemistry (Monthly) Program

10A CHINOBOD STR., UNUSABAD DISTRICT TAS

Cycle 22 Jul 2023 - Jul 2024

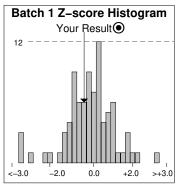
Lot No: 212100

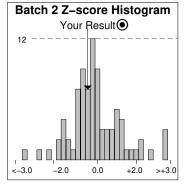


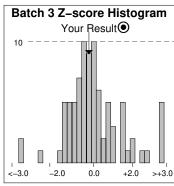
Mindray BS Series (U/L)

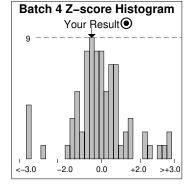
		,										
Batch #		1			2			3			4	
Sample #	4	7	10	1	8	11	2	5	12	3	6	9
Lab Result	125.61	122.9	118.42	206.65	209.79	200.43	316.59	-	311.23	421.13	-	394.53
Comparator Mean	124	124	123	206	208	210	314	316	313	414	416	411
Comparator	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer
Your Lab's Z-score	0.28	-0.30	-0.67	0.02	0.17	-1.12	0.17	-	-0.19	0.35	-	-1.18
Your Batch Z-score		-0.22			-0.29			-0.04			-0.33	
Reference Values												

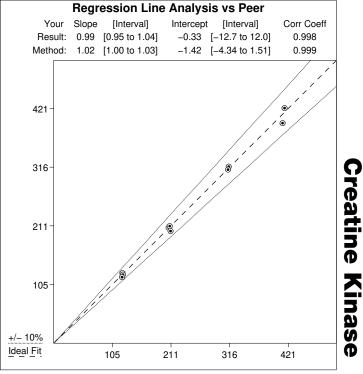
	Bate	Batch 1: Cycle Comparative Statistics						ch 2: Cyc	le Compar	ative Statis	stics	
						Mean						Mean
	N	Mean	SD	CV	U¹	Bias	N	Mean	SD	CV	U¹	Bias
Your Mode�	12014	123	5.48	4.47	0.125	-0.281	11936	204	9.05	4.44	0.207	0.960
Your Method ■	6583	124	5.62	4.54	0.173	-1.11	6604	206	9.18	4.46	0.282	-0.061
Your Peer ●	214	124	6.17	4.99	1.05	-1.08	206	208	9.47	4.55	1.65	-1.30
	Bate	ch 3: Cyc	le Compar	ative Statis	stics		Bate	ch 4: Cyc	le Compar	ative Statis	stics	
						Mean						Mean
	N	Mean	SD	CV	U¹	Bias	N	Mean	SD	CV	U¹	Bias
Your Mode�	11743	307	15.1	4.91	0.348	2.10	11916	405	20.2	4.99	0.462	0.821
Your Method	6443	311	16.2	5.20	0.504	0.929	6511	409	22.2	5.41	0.686	-0.353
Your Peer	201	314	12.7	4.03	2.24	-0.163	201	414	17.2	4.17	3.04	-1.38











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Creatinine Summary Report Clinical Chemistry (Monthly) Program

n Cycle 22 Jul 2023 – Jul 2024

Lot No: 212100 EQAS

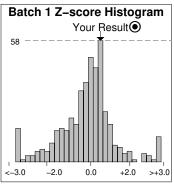
BIO-RAD

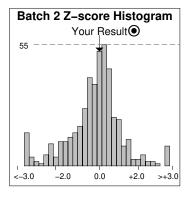
INTERMED INNOVATION 10A CHINOBOD STR., UNUSABAD DISTRICT TAS TASHKENT RUSSIA

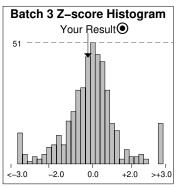
Mindray BS Series (µmol/L)

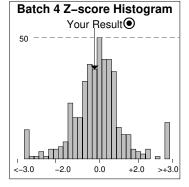
		(P										
Batch #		1			2			3			4	
Sample #	4	7	10	1	8	11	2	5	12	3	6	9
Lab Result	360.15	371.5	-	283.21	284.42	285.71	177.07	174.59	175.01	91.77	85.18	86.39
Comparator Mean	358	358	360	280	283	283	177	176	177	88.0	88.4	88.0
Comparator	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer
Your Lab's Z-score	0.14	0.84	-	0.22	0.13	0.26	0.01	-0.20	-0.22	0.62	-0.63	-0.33
Your Batch Z-score		0.45			0.19			-0.13			-0.07	
Reference Values		354									88.4	

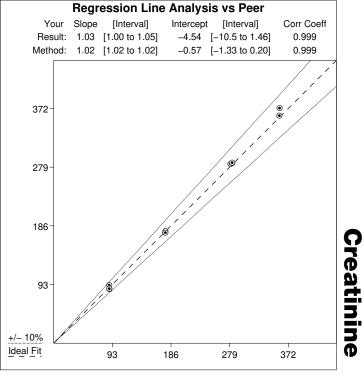
	Bate	Batch 1: Cycle Comparative Statistics						ch 2: Cyc	le Compai	ative Stati	stics	
						Mean						Mean
	N	Mean	SD	CV	U¹	Bias	N	Mean	SD	CV	U¹	Bias
All Results	35825	338	24.4	7.22	0.322	8.23	35533	274	16.7	6.09	0.221	3.86
Your Method ■	5170	352	19.6	5.57	0.681	3.97	5104	277	15.0	5.39	0.523	2.52
Your Peer ●	1232	358	16.3	4.56	1.16	2.05	1214	282	13.5	4.78	0.966	0.911
	Bate	ch 3: Cyc	le Compar	ative Statis	stics		Bat	ch 4: Cyc	le Compar	ative Stati	stics	
						Mean						Mean
	Ν	Mean	SD	CV	U¹	Bias	N	Mean	SD	CV	U¹	Bias
All Results	35004	168	13.5	8.04	0.180	4.48	35557	84.6	9.64	11.4	0.128	3.75
Your Method	5056	174	10.3	5.92	0.362	0.847	5115	87.0	7.08	8.13	0.247	0.860
Your Peer	1209	177	9.27	5.24	0.666	-0.666	1208	88.1	5.43	6.16	0.390	-0.402











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C_{Ω}	m	m	an	te:

Reviewed by: _

¹ Expanded uncertainty coverage factor, k=2 Generated 09 Oct 2024

G-Glutamyltransferase Summary Report Clinical Chemistry (Monthly) Program

Cycle 22

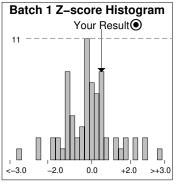
INTERMED INNOVATION 10A CHINOBOD STR., UNUSABAD DISTRICT TAS TASHKENT RUSSIA Jul 2023 – Jul 2024 Lot No: 212100

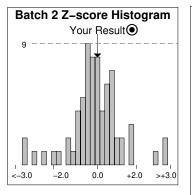


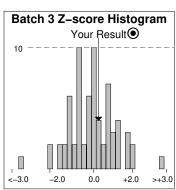
Mindray BS Series (U/L)

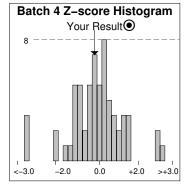
		\ - · <i>)</i>										
Batch #		1			2			3			4	
Sample #	4	7	10	1	8	11	2	5	12	3	6	9
Lab Result	77.79	77.87	77.3	156.06	153.68	154.7	274.3	272.17	278.64	390.32	359.01	363.2
Comparator Mean	76.8	75.9	76.4	155	154	155	274	273	273	373	373	370
Comparator	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer
Your Lab's Z-score	0.37	0.76	0.38	0.18	-0.01	0.02	0.02	-0.10	0.90	1.51	-1.24	-0.52
Your Batch Z-score		0.51			0.08			0.27			-0.09	
Reference Values												

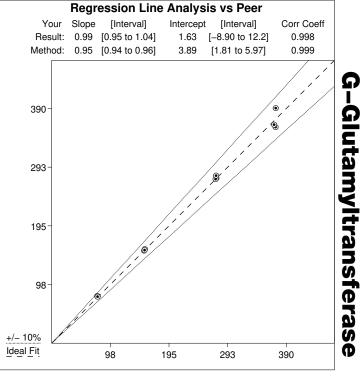
	Bate	Batch 1: Cycle Comparative Statistics						Batch 2: Cycle Comparative Statistics				
						Mean						Mean
	N	Mean	SD	CV	U¹	Bias	N	Mean	SD	CV	U¹	Bias
Your Mode�	13087	76.9	3.06	3.98	0.067	1.03	13139	157	6.09	3.87	0.133	-1.70
Your Method ■	9941	76.9	2.86	3.72	0.072	0.919	9990	158	5.83	3.69	0.146	-1.92
Your Peer ●	175	76.4	2.46	3.22	0.465	1.64	176	154	3.99	2.58	0.751	0.204
	Bate	ch 3: Cyc	le Compar	ative Statis	stics		Bat	ch 4: Cyc	le Compar	ative Statis	stics	
						Mean						Mean
	N	Mean	SD	CV	U¹	Bias	N	Mean	SD	CV	U¹	Bias
Your Mode�	12701	281	11.7	4.16	0.259	-1.97	12838	386	16.1	4.18	0.355	-3.82
Your Method	9625	282	10.6	3.75	0.269	-2.42	9764	388	14.0	3.62	0.355	-4.31
Your Peer	166	273	6.39	2.34	1.24	0.633	162	372	11.7	3.14	2.30	-0.268











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Glucose Summary Report Clinical Chemistry (Monthly) Program

Cycle 22 Jul 2023 – Jul 2024 Lot No: 212100



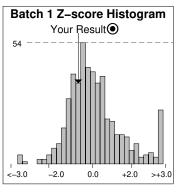
BIO-RAD

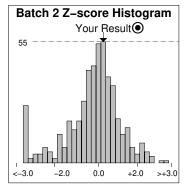
INTERMED INNOVATION 10A CHINOBOD STR., UNUSABAD DISTRICT TAS TASHKENT RUSSIA

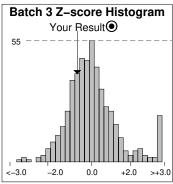
Mindray BS Series (mmol/L)

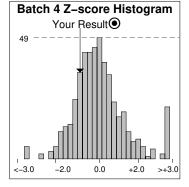
			•										
	Batch #		1			2			3			4	
	Sample #	4	7	10	1	8	11	2	5	12	3	6	9
	Lab Result	1.27	1.34	1.251	35.754	36.468	37.05	5.125	5.23	5.178	7.17	7.176	7.1
İ	Comparator Mean	1.33	1.33	1.32	35.7	35.7	35.7	5.36	5.32	5.25	7.39	7.34	7.29
	Comparator	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer
	Your Lab's Z-score	-0.79	0.18	-0.97	0.01	0.41	0.74	-0.97	-0.40	-0.33	-0.71	-0.62	-0.76
	Your Batch Z-score		-0.54			0.37			-0.59			-0.70	
	Reference Values		5.27									7.01	

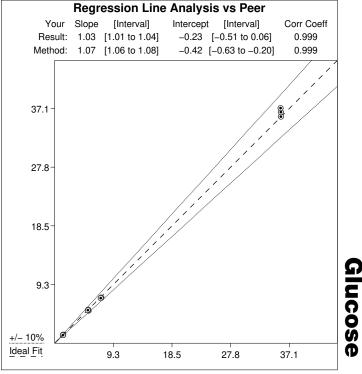
	Bate	Batch 1: Cycle Comparative Statistics						ch 2: Cyc	le Compar	ative Statis	stics	
						Mean						Mean
	N	Mean	SD	CV	U¹	Bias	N	Mean	SD	CV	U¹	Bias
All Results	36209	1.34	0.090	6.69	0.001	-3.78	35775	35.6	1.99	5.58	0.026	2.40
Your Method	17277	1.38	0.160	11.6	0.003	-6.88	16971	33.7	3.85	11.4	0.074	8.15
Your Peer ●	1329	1.32	0.070	5.29	0.005	-2.84	1310	35.7	1.92	5.39	0.133	2.00
	Bate	ch 3: Cyc	le Compar	ative Statis	stics		Bate	ch 4: Cyc	le Compar	ative Statis	stics	
						Mean						Mean
	Ν	Mean	SD	CV	U¹	Bias	N	Mean	SD	CV	U¹	Bias
All Results	35452	5.31	0.278	5.23	0.004	-2.47	36021	7.33	0.377	5.14	0.005	-2.52
Your Method ■	16920	5.41	0.366	6.77	0.007	-4.22	17242	7.46	0.516	6.92	0.010	-4.22
Your Peer ●	1323	5.31	0.222	4.18	0.015	-2.45	1321	7.34	0.272	3.71	0.019	-2.60











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Iron Summary Report Clinical Chemistry (Monthly) Program

n Cycle 22 Jul 2023 – Jul 2024 Lot No: 212100

Jul 2024 : 212100 **EQAS**

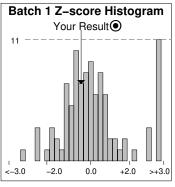
BIO-RAD

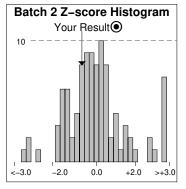
INTERMED INNOVATION 10A CHINOBOD STR., UNUSABAD DISTRICT TAS TASHKENT RUSSIA

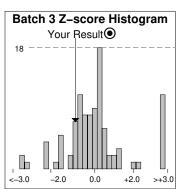
Mindray BS Series (µmol/L)

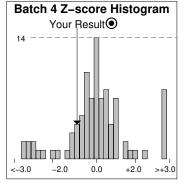
		\ I	,									
Batch #		1			2			3			4	
Sample #	4	7	10	1	8	11	2	5	12	3	6	9
Lab Result	10.65	11.13	11.81	17.7	18.77	17.58	28.85	27.9	28.76	38.11	35.95	39.59
											>=2.0 Z	
Comparator Mean	11.4	11.4	11.4	18.4	18.5	18.5	29.4	29.1	29.5	38.9	38.9	38.9
Comparator	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer
Your Lab's Z-score	-1.10	-0.47	0.55	-0.94	0.34	-0.91	-0.44	-1.07	-0.74	-0.50	-2.24	0.41
Your Batch Z-score		-0.28			-0.55			-0.75			-0.67	
Reference Values												

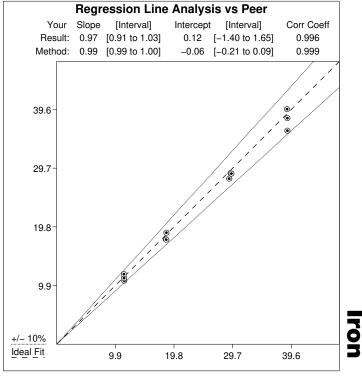
	Bate	ch 1: Cyc	le Compar	ative Statis	stics		Batch 2: Cycle Comparative Statistics					
		Mean										Mean
	N	Mean	SD	CV	U¹	Bias	N	Mean	SD	CV	U¹	Bias
Your Mode�	11004	11.5	0.597	5.20	0.014	-2.51	11034	18.7	0.831	4.45	0.020	-3.56
Your Method <a> I	5759	11.5	0.561	4.86	0.018	-3.02	5792	18.7	0.627	3.36	0.021	-3.46
Your Peer	239	11.4	0.659	5.79	0.107	-1.60	239	18.5	0.837	4.53	0.135	-2.50
	Bate	ch 3: Cyc	le Compar	ative Statis	stics		Bate	ch 4: Cyc	le Compar	ative Stati	stics	
						Mean						Mean
	N	Mean	SD	CV	U¹	Bias	N	Mean	SD	CV	U¹	Bias
Your Mode�	10697	29.8	1.14	3.84	0.028	-4.22	10836	39.4	1.50	3.80	0.036	-3.92
Your Method <a> I	5530	29.7	0.884	2.98	0.030	-3.92	5621	39.2	1.13	2.87	0.038	-3.48
Your Peer	228	29.3	1.12	3.83	0.186	-2.86	230	38.9	1.52	3.91	0.250	-2.62











Co	m	m	er	its:	
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LDH Summary Report Clinical Chemistry (Monthly) Program

n Cycle 22 Jul 2023 – Jul 2024

2023 – Jul 2024 Lot No: 212100 **EQ**

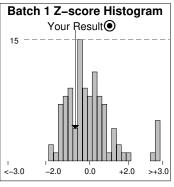
BIO-RAD

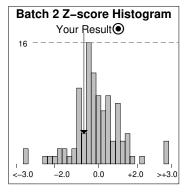
INTERMED INNOVATION 10A CHINOBOD STR., UNUSABAD DISTRICT TAS TASHKENT RUSSIA

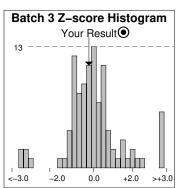
Mindray BS Series (U/L)

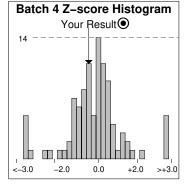
		\ - · <i> </i>										
Batch #		1			2			3			4	
Sample #	4	7	10	1	8	11	2	5	12	3	6	9
Lab Result	_	177.47	166.04	_	381.74	387.19	_	690.91	697.77	_	946.81	904.86
Comparator Mean	175	176	177	391	393	394	695	691	699	940	939	940
Comparator	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer
Your Lab's Z-score	_	0.22	-1.36	_	-0.73	-0.45	_	-0.01	-0.04	_	0.23	-1.00
Your Batch Z-score		-0.55			-0.48			-0.03			-0.38	
Reference Values												

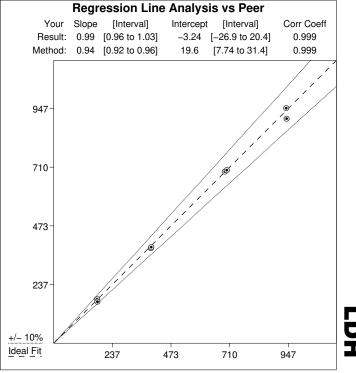
	Bate	ch 1: Cyc	le Compar	ative Statis	stics		Batch 2: Cycle Comparative Statistics					
		Mear										Mean
	N	Mean	SD	CV	U¹	Bias	N	Mean	SD	CV	U¹	Bias
Your Mode�	10946	172	7.74	4.49	0.185	-0.338	10977	390	15.3	3.92	0.365	-1.52
Your Method ■	11095	174 9.27 5.34 0.220 -1.15 11098 393 17.3 4.39 0.410										-2.23
Your Peer ●	268	268 176 7.53 4.28 1.15 -2.37 257 393 17.1 4.36 2.67								2.67	-2.10	
	Bate	ch 3: Cyc	le Compar	ative Statis	stics		Bate	ch 4: Cyc	le Compar	ative Statis	stics	
						Mean						Mean
	Ν	Mean	SD	CV	U¹	Bias	N	Mean	SD	CV	U¹	Bias
Your Mode�	10652	709	24.9	3.51	0.604	-2.13	10717	981	36.6	3.73	0.883	-5.59
Your Method	10809	715	28.5	3.99	0.686	-2.83	10869	988	42.8	4.33	1.03	-6.26
Your Peer	258	695	28.3	4.08	4.41	-0.112	251	940	36.5	3.88	5.76	-1.47











Co	m	m	er	its:	
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Lipase Summary Report Clinical Chemistry (Monthly) Program

n Cycle 22 Jul 2023 – Jul 2024 Lot No: 212100

2023 – Jul 2024 Lot No: 212100 **EQAS**

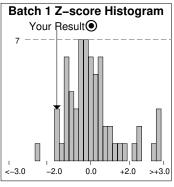
BIO-RAD

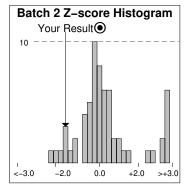
INTERMED INNOVATION 10A CHINOBOD STR., UNUSABAD DISTRICT TAS TASHKENT RUSSIA

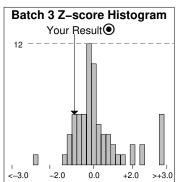
Mindray BS Series (U/L)

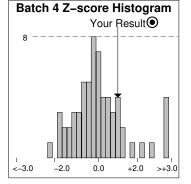
		\ - · <i>,</i>										
Batch #		1			2			3			4	
Sample #	4	7	10	1	8	11	2	5	12	3	6	9
Lab Result	49.04	_	-	58.91	-	_	75.27	91.4	-	122.08	107.28	_
							>=2.0 Z					
Comparator Mean	55.2	54.3	54.7	65.8	66.0	67.1	90.1	88.7	88.2	107	105	106
Comparator	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer
Your Lab's Z-score	-1.55	_	-	-1.25	_	-	-2.00	0.40	_	1.47	0.25	_
Your Batch Z-score		-1.31			-1.32			-0.81			0.90	
Reference Values												

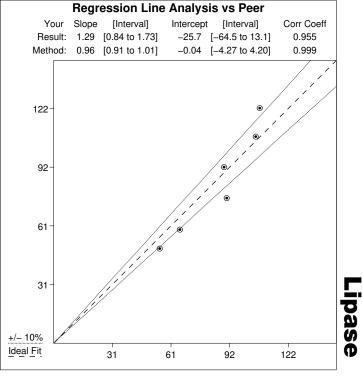
	Bat	ch 1: Cyc	le Compar	ative Statis	stics		Batch 2: Cycle Comparative Statistics					
		Mean										Mean
	N	Mean	SD	CV	U¹	Bias	N	Mean	SD	CV	U¹	Bias
Your Mode �	7997	57.5	3.96	6.89	0.111	-14.8	8022	68.8	4.49	6.53	0.125	-14.3
Your Method	7095	57.8	4.28	7.41	0.127	-15.1	7151	69.3	4.81	6.95	0.142	-15.0
Your Peer	157	54.8	4.39	8.01	0.875	-10.5	155	66.3	5.58	8.42	1.12	-11.1
	Bat	ch 3: Cyc	le Compar	ative Statis	stics		Bat	ch 4: Cyc	le Compai	ative Statis	stics	
						Mean						Mean
	N	Mean	SD	CV	U¹	Bias	N	Mean	SD	CV	U¹	Bias
Your Mode �	7650	90.9	8.91	9.79	0.255	-8.37	7790	108	12.3	11.4	0.347	6.37
Your Method	6840	93.2	9.31	9.99	0.281	-10.6	6942	111	12.4	11.1	0.371	3.26
Your Peer	149	88.8	6.77	7.62	1.39	-6.17	154	106	9.59	9.04	1.93	8.10











Comments	s:
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Magnesium Summary Report Clinical Chemistry (Monthly) Program

n Cycle 22 Jul 2023 – Jul 2024 Lot No: 212100

EQAS

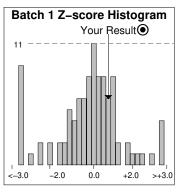
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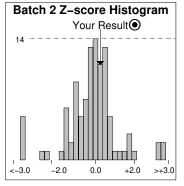
INTERMED INNOVATION 10A CHINOBOD STR., UNUSABAD DISTRICT TAS TASHKENT RUSSIA

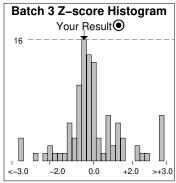
Mindray BS Series (mmol/L)

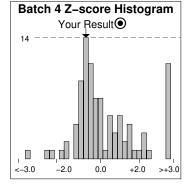
		•										
Batch #		1			2			3			4	
Sample #	4	7	10	1	8	11	2	5	12	3	6	9
Lab Result	1.633	1.79	1.713	1.332	1.394	1.335	0.85*	0.873	0.858	0.441	0.431	0.47
Comparator Mean	1.64	1.66	1.66	1.32	1.34	1.33	0.877	0.887	0.874	0.477	0.474	0.474
Comparator	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer
Your Lab's Z-score	-0.09	1.50	0.69	0.19	0.69	0.04	-0.45	-0.23	-0.36	-0.73	-0.93	-0.10
Your Batch Z-score		0.69			0.33			-0.36			-0.60	
Reference Values												

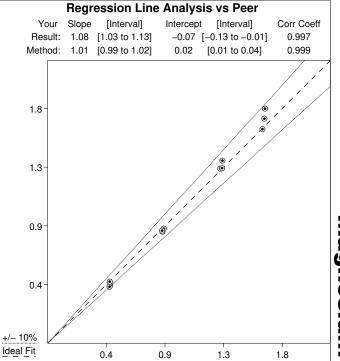
	Bate	ch 1: Cyc	le Compar	ative Statis	stics		Batch 2: Cycle Comparative Statistics					
		Mean										Mean
	N	Mean	SD	CV	U¹	Bias	N	Mean	SD	CV	U¹	Bias
All Results�	13245	1.62	0.052	3.23	0.001	5.40	13289	1.29	0.042	3.26	0.001	4.99
Your Method	8102	1.62	0.051	3.16	0.001	5.90	8149	1.29	0.038	2.96	0.001	4.60
Your Peer ●	264	1.65	0.086	5.21	0.013	3.59	258	1.33	0.075	5.65	0.012	1.89
	Bate	ch 3: Cyc	le Compar	ative Statis	stics		Bate	ch 4: Cyc	le Compar	ative Statis	stics	
						Mean						Mean
	N	Mean	SD	CV	U¹	Bias	N	Mean	SD	CV	U¹	Bias
All Results�	12844	0.823	0.041	5.02	0.001	4.54	12999	0.436	0.049	11.2	0.001	2.64
Your Method	7825	0.836	0.028	3.38	0.001	2.96	7900	0.455	0.032	7.04	0.001	-1.71
Your Peer	255	0.879	0.053	5.97	0.008	-2.18	250	0.475	0.046	9.63	0.007	-5.81











Comment	s:
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Reviewed by:

Generated 09 Oct 2024

Magnesium

Phosphorus Summary Report Clinical Chemistry (Monthly) Program

Cycle 22 Jul 2023 - Jul 2024 Lot No: 212100

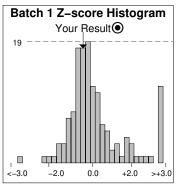
INTERMED INNOVATION 10A CHINOBOD STR., UNUSABAD DISTRICT TAS TASHKENT **RUSSIA**

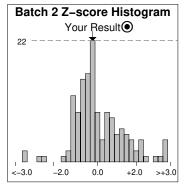
Mindray BS Series (mmol/L)

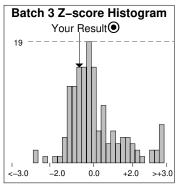
Lab 267608

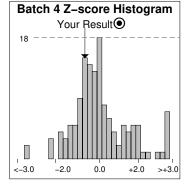
		•										
Batch #		1			2			3			4	
Sample #	4	7	10	1	8	11	2	5	12	3	6	9
Lab Result	0.554	0.57	0.577	1.037	1.063	1.04	1.724	1.688	1.753	2.34	2.394	2.23
Comparator Mean	0.583	0.582	0.581	1.05	1.06	1.05	1.77	1.78	1.78	2.40	2.42	2.43
Comparator	Peer											
Your Lab's Z-score	-0.70	-0.30	-0.08	-0.17	0.05	-0.17	-0.42	-0.83	-0.26	-0.39	-0.14	-1.23
Your Batch Z-score		-0.35			-0.11			-0.52			-0.60	
Reference Values												

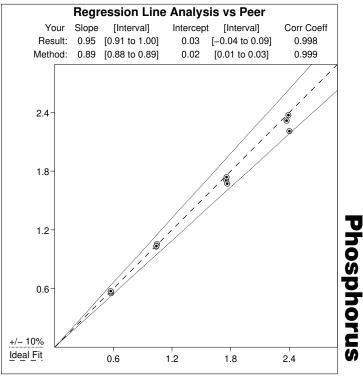
	Bato	ch 1: Cyc	le Compar	ative Statis	stics		Batch 2: Cycle Comparative Statistics						
						Mean						Mean	
	N	Mean	SD	CV	U¹	Bias	N	Mean	SD	CV	U¹	Bias	
Your Mode�	390	0.581	0.041	7.13	0.005	-2.46	377	1.05	0.069	6.53	0.009	-0.425	
Your Method ■	14783	0.632	0.027	4.32	0.001	-10.3	14761	1.17	0.047	4.08	0.001	-10.2	
Your Peer ●	378	0.582	0.042	7.22	0.005	-2.52	365	1.05	0.075	7.14	0.010	-0.751	
	Bato	ch 3: Cyc	le Compar	ative Statis	stics		Bate	ch 4: Cyc	Cycle Comparative Statistics				
						Mean						Mean	
	N	Mean	SD	CV	U¹	Bias	N	Mean	SD	CV	U¹	Bias	
Your Mode�	378	1.78	0.103	5.82	0.013	-3.09	372	2.41	0.144	5.97	0.019	-3.60	
Your Method	14344	1.98	0.065	3.26	0.001	-13.1	14538	2.69	0.090	3.34	0.002	-13.7	
Your Peer	366	1.78	0.111	6.25	0.015	-3.25	360	2.41	0.148	6.14	0.020	-3.69	











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Potassium Summary Report Clinical Chemistry (Monthly) Program

Cycle 22 Jul 2023 – Jul 2024 Lot No: 212100

EQAS

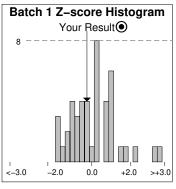
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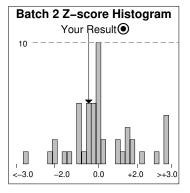
INTERMED INNOVATION 10A CHINOBOD STR., UNUSABAD DISTRICT TAS TASHKENT RUSSIA

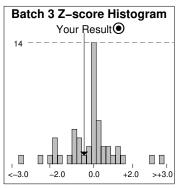
Mindray BS Series (mmol/L)

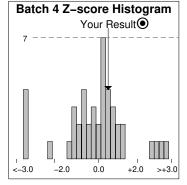
		•										
Batch #		1			2			3			4	
Sample #	4	7	10	1	8	11	2	5	12	3	6	9
Lab Result	1.735	1.8	1.798	2.905	2.848	2.897	4.643	4.631	4.673	6.269	6.253	6.244
Comparator Mean	1.79	1.78	1.79	2.90	2.89	2.91	4.68	4.66	4.66	6.20	6.22	6.22
Comparator	Peer											
Your Lab's Z-score	-0.67	0.52	0.13	0.33	-0.83	-0.26	-0.33	-0.31	0.13	0.63	0.53	0.25
Your Batch Z-score		-0.11			-0.39			-0.21			0.50	
Reference Values												

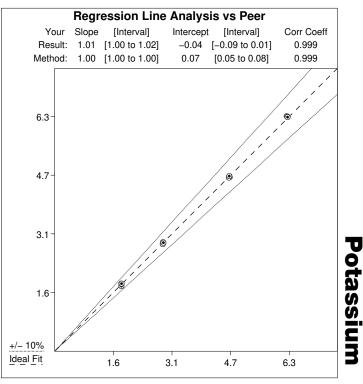
	Bate	Batch 1: Cycle Comparative Statistics						Batch 2: Cycle Comparative Statistics				
						Mean						Mean
	N	Mean	SD	CV	U¹	Bias	N	Mean	SD	CV	U¹	Bias
All Results�	25176	1.71	0.117	6.83	0.002	3.87	25062	2.82	0.087	3.06	0.001	2.08
Your Method ■	13349	1.71	0.085	4.98	0.002	3.71	13365	2.83	0.063	2.23	0.001	1.87
Your Peer ●	118	1.78	0.056	3.17	0.013	-0.363	118	2.90	0.039	1.34	0.009	-0.526
	Bate	ch 3: Cyc	le Compar	ative Statis	stics		Bate	ch 4: Cyc	le Compar	ative Statis	stics	
						Mean						Mean
	N	Mean	SD	CV	U¹	Bias	N	Mean	SD	CV	U¹	Bias
All Results�	24655	4.57	0.130	2.85	0.002	1.69	25020	6.13	0.198	3.24	0.003	2.08
Your Method	13011	4.59	0.089	1.93	0.002	1.26	13204	6.14	0.114	1.85	0.002	1.85
Your Peer ●	114	4.67	0.084	1.80	0.020	-0.375	113	6.22	0.079	1.28	0.019	0.636











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C_{Ω}	m	m	Δ	n	te	•

Protein, Total Summary Report Clinical Chemistry (Monthly) Program

Cycle 22 Jul 2023 – Jul 2024 Lot No: 212100

EQAS

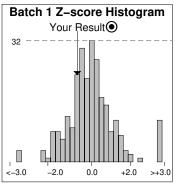
BIO-RAD

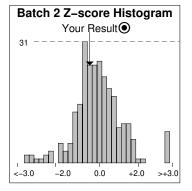
INTERMED INNOVATION 10A CHINOBOD STR., UNUSABAD DISTRICT TAS TASHKENT RUSSIA

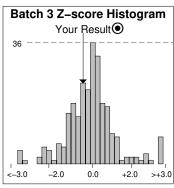
Mindray BS Series (g/L)

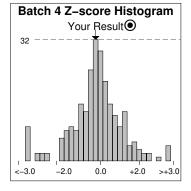
		(3' -/										
Batch #		1			2			3			4	
Sample #	4	7	10	1	8	11	2	5	12	3	6	9
Lab Result	36.34	36.67	35.68	48.47	47.25	47.82	65.16	66.88	66.16	83.92	82.54	80.18
Comparator Mean	36.8	36.9	37.0	48.2	48.6	48.6	66.8	66.9	66.9	82.7	82.8	82.9
Comparator	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer
Your Lab's Z-score	-0.30	-0.17	-0.90	0.11	-0.82	-0.36	-0.59	-0.03	-0.34	0.39	-0.11	-0.84
Your Batch Z-score		-0.47			-0.33			-0.34			-0.20	
Reference Values												

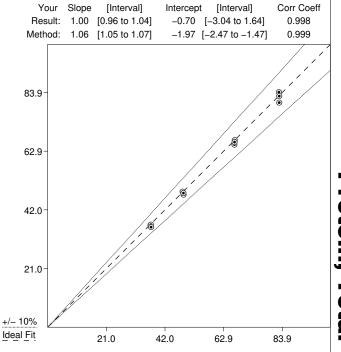
	Bate	ch 1: Cyc	le Compar	ative Statis	stics		Batch 2: Cycle Comparative Statistics						
						Mean						Mean	
	N	Mean	SD	CV	U¹	Bias	N	Mean	SD	CV	U¹	Bias	
All Results�	21361	36.5	1.04	2.86	0.018	-0.790	21289	47.8	1.59	3.32	0.027	0.120	
Your Method ■	19496	36.6	1.04	2.85	0.019	-0.997	19424	47.9	1.54	3.20	0.028	-0.209	
Your Peer ●	684	36.9	1.51	4.08	0.144	-1.91	673	48.5	1.94	4.01	0.187	-1.33	
	Bate	ch 3: Cyc	le Compar	ative Statis	stics		Batch 4: Cycle Comparative Statistics						
						Mean						Mean	
	N	Mean	SD	CV	U¹	Bias	N	Mean	SD	CV	U¹	Bias	
All Results�	20840	65.1	2.08	3.20	0.036	1.50	21083	80.2	3.01	3.75	0.052	2.57	
Your Method ■	19014	65.2	2.17	3.34	0.039	1.35	19253	80.1	3.07	3.83	0.055	2.64	
Your Peer	660	66.9	2.34	3.49	0.227	-1.20	649	82.8	3.05	3.68	0.299	-0.746	











Regression Line Analysis vs Peer

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Reviewed by:

Generated 09 Oct 2024

Sodium Summary Report Clinical Chemistry (Monthly) Program

Tycle 22 Jul 2023 – Jul 2024 Lot No: 212100

EQAS

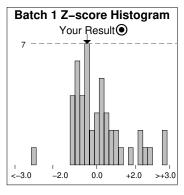
BIO-RAD

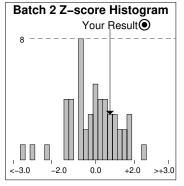
INTERMED INNOVATION 10A CHINOBOD STR., UNUSABAD DISTRICT TAS TASHKENT RUSSIA

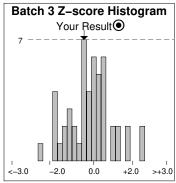
Mindray BS Series (mmol/L)

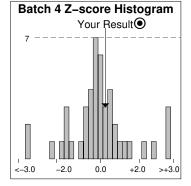
Batch #		1			2			3			4	
Sample #	4	7	10	1	8	11	2	5	12	3	6	9
Lab Result	118.43	123.2	120.09	131.78	131.83	133.24	148.61	147.78	148.59	165.55	164.26	165.47
Comparator Mean	121	121	121	131	131	131	149	149	149	164	165	165
Comparator	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer
Your Lab's Z-score	-1.34	1.81	-0.75	0.36	0.55	1.23	-0.06	-0.48	-0.13	0.61	-0.32	0.39
Your Batch Z-score		-0.24			0.68			-0.22			0.31	
Reference Values												

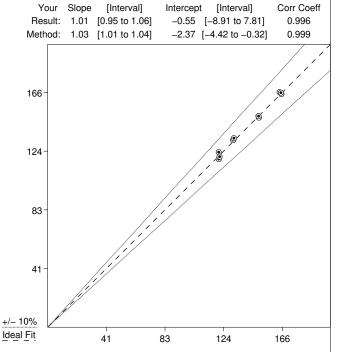
	Bate	Batch 1: Cycle Comparative Statistics						Batch 2: Cycle Comparative Statistics					
						Mean						Mean	
	N	Mean	SD	CV	U¹	Bias	N	Mean	SD	CV	U¹	Bias	
All Results�	25142	120	2.39	2.00	0.038	0.608	25012	130	2.09	1.61	0.033	1.87	
Your Method	13380	120	1.64	1.37	0.035	0.358	13386	130	1.64	1.26	0.035	1.86	
Your Peer ●	124	121	1.60	1.32	0.358	-0.314	125	131	1.78	1.35	0.397	0.918	
	Bate	ch 3: Cyc	le Compai	ative Statis	stics		Bat	ch 4: Cyc	le Compai	ative Stati	stics		
						Mean						Mean	
	N	Mean	SD	CV	U¹	Bias	N	Mean	SD	CV	U¹	Bias	
All Results�	24600	147	2.90	1.97	0.046	0.953	24955	163	3.97	2.44	0.063	1.49	
Your Method	13038	147	1.96	1.33	0.043	0.850	13227	162	2.47	1.52	0.054	1.61	
Your Peer ●	122	149	2.31	1.55	0.523	-0.344	119	164	2.28	1.39	0.522	0.426	











Regression Line Analysis vs Peer

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C_{Ω}	m	m	Δ	n	te	•

BIO-BAD INTE

Triglycerides Summary Report Clinical Chemistry (Monthly) Program

Cycle 22 Jul 2023 – Jul 2024 Lot No: 212100

EQAS

BIO RAD

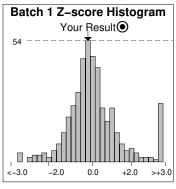
INTERMED INNOVATION 10A CHINOBOD STR., UNUSABAD DISTRICT TAS TASHKENT RUSSIA

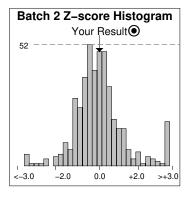
Mindray BS Series (mmol/L)

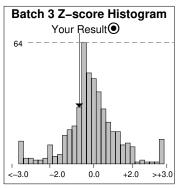
Lab 267608

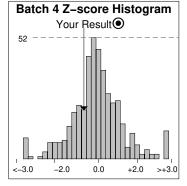
		•										
Batch #		1			2			3			4	
Sample #	4	7	10	1	8	11	2	5	12	3	6	9
Lab Result	0.54	0.54	0.527	1.061	1.051	1.061	1.72	1.768	1.753	2.398	2.321	2.243
Comparator Mean	0.541	0.540	0.539	1.04	1.05	1.05	1.79	1.78	1.79	2.38	2.38	2.38
Comparator	Peer											
Your Lab's Z-score	-0.02	0.01	-0.39	0.29	0	0.24	-0.75	-0.14	-0.44	0.13	-0.53	-1.31
Your Batch Z-score		-0.12			0.17			-0.45			-0.51	
Reference Values												

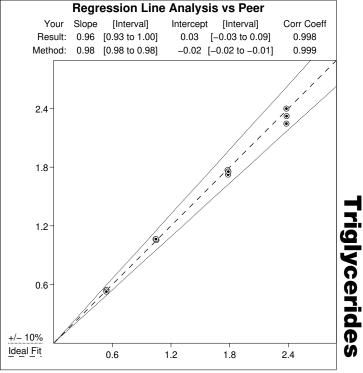
	Bate	Batch 1: Cycle Comparative Statistics						Batch 2: Cycle Comparative Statistics				
						Mean						Mean
	N	Mean	SD	CV	U¹	Bias	N	Mean	SD	CV	U¹	Bias
All Results�	30415	0.570	0.052	9.21	0.001	-5.95	30205	1.09	0.077	7.06	0.001	-2.75
Your Method ■	27708	0.568	0.055	9.67	0.001	-5.75	27497	1.09	0.078	7.16	0.001	-2.64
Your Peer ●	1214	0.540	0.035	6.51	0.003	-0.775	1201	1.05	0.061	5.84	0.004	0.985
	Bate	ch 3: Cyc	le Compar	ative Statis	stics		Bate	ch 4: Cyc	le Compar	ative Stati	stics	
						Mean						Mean
	Ν	Mean	SD	CV	U¹	Bias	N	Mean	SD	CV	U¹	Bias
All Results�	29698	1.83	0.112	6.13	0.002	-4.77	30175	2.45	0.145	5.91	0.002	-5.18
Your Method ■	27031	1.83	0.111	6.06	0.002	-4.69	27450	2.45	0.148	6.04	0.002	-5.22
Your Peer ●	1191	1.78	0.084	4.71	0.006	-2.11	1193	2.38	0.120	5.02	0.009	-2.57











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Urea Summary Report Clinical Chemistry (Monthly) Program

n Cycle 22 Jul 2023 – Jul 2024 Lot No: 212100

EQAS

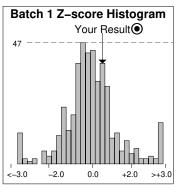
BIO-RAD

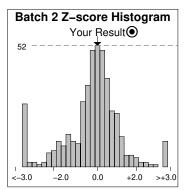
INTERMED INNOVATION 10A CHINOBOD STR., UNUSABAD DISTRICT TAS TASHKENT RUSSIA

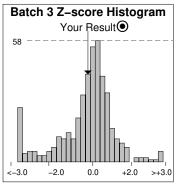
Mindray BS Series (mmol/L)

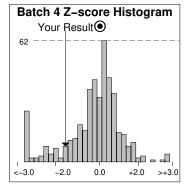
		•										
Batch #		1			2			3			4	
Sample #	4	7	10	1	8	11	2	5	12	3	6	9
Lab Result	2.43	2.55	2.651	9.697	9.99	9.62	20.445	20.397	19.885	29.14	28.765	24.99
												>=3.0 Z
Comparator Mean	2.41	2.44	2.44	9.67	9.68	9.74	20.4	20.4	20.5	29.5	29.6	29.7
Comparator	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer
Your Lab's Z-score	0.07	0.59	1.14	0.05	0.71	-0.25	0.05	0	-0.64	-0.22	-0.60	-3.33
Your Batch Z-score		0.57			0.15			-0.17			-1.29	
Reference Values												

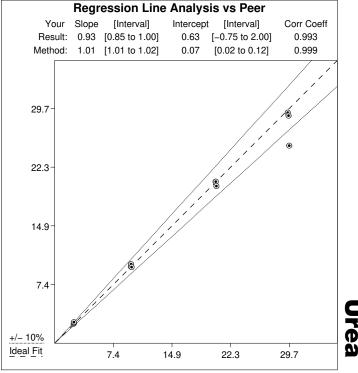
	Bato	ch 1: Cyc	le Compar	ative Statis	stics		Batch 2: Cycle Comparative Statistics					
						Mean						Mean
	N	Mean	SD	CV	U¹	Bias	N	Mean	SD	CV	U¹	Bias
All Results�	21373	2.34	0.210	9.00	0.004	8.77	21182	9.42	0.531	5.64	0.009	3.74
Your Method <a> 	19205	2.35	0.185	7.89	0.003	8.45	19031	9.45	0.503	5.32	0.009	3.36
Your Peer ●	1204	2.43	0.191	7.85	0.014	4.48	1185	9.70	0.488	5.04	0.035	0.748
	Bato	ch 3: Cyc	le Compar	ative Statis	stics		Bate	ch 4: Cyc	le Compar	ative Stati	stics	
						Mean						Mean
	N	Mean	SD	CV	U¹	Bias	N	Mean	SD	CV	U¹	Bias
All Results�	20815	20.0	0.996	4.97	0.017	0.993	21141	29.1	1.57	5.40	0.027	-4.93
Your Method <a> 	18710	20.1	0.977	4.86	0.018	0.813	19005	29.1	1.56	5.36	0.028	-5.13
Your Peer	1177	20.4	1.06	5.21	0.078	-0.891	1184	29.6	1.55	5.22	0.112	-6.70











Co	m	m	er	its:	
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Uric Acid Summary Report Clinical Chemistry (Monthly) Program

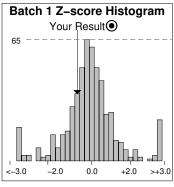
Cycle 22 Jul 2023 - Jul 2024 Lot No: 212100

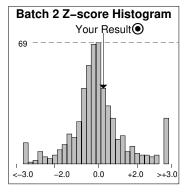
INTERMED INNOVATION 10A CHINOBOD STR., UNUSABAD DISTRICT TAS TASHKENT **RUSSIA**

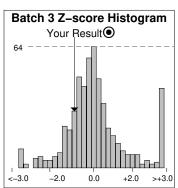
Mindray BS Series (µmol/L)

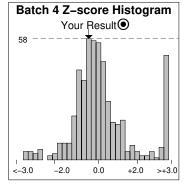
		\										
Batch #		1			2			3			4	
Sample #	4	7	10	1	8	11	2	5	12	3	6	9
Lab Result	524.47	552.67	539.33	438.74	457.69	451.85	282.25	273.97	291.81	167.01	148.12	176.66
Comparator Mean	552	552	553	442	445	443	293	292	293	167	167	167
Comparator	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer	Peer
Your Lab's Z-score	-0.86	0.04	-0.57	-0.14	0.62	0.47	-0.66	-1.18	-0.12	0.02	-1.84	0.93
Your Batch Z-score		-0.50			0.28			-0.69			-0.29	
Reference Values												

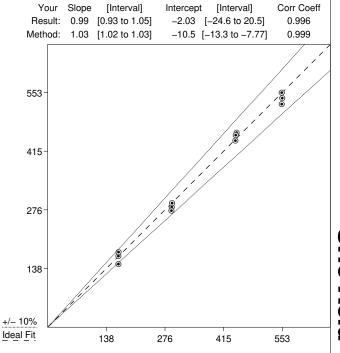
	Bate	Batch 1: Cycle Comparative Statistics						Batch 2: Cycle Comparative Statistics				
						Mean						Mean
	N	Mean	SD	CV	U¹	Bias	N	Mean	SD	CV	U¹	Bias
Your Mode�	29204	547	25.1	4.58	0.367	-1.47	29014	441	19.2	4.35	0.281	1.99
Your Method ■	31299	548	27.8	5.07	0.392	-1.64	31072	442	21.7	4.91	0.308	1.65
Your Peer ●	1444	552	26.6	4.81	1.75	-2.39	1424	444	21.2	4.79	1.41	1.34
	Bate	ch 3: Cyc	le Compai	ative Statis	stics		Bate	ch 4: Cyc	le Compai	ative Stati	stics	
						Mean						Mean
	Ν	Mean	SD	CV	U¹	Bias	N	Mean	SD	CV	U¹	Bias
Your Mode�	28532	294	13.9	4.72	0.206	-3.88	28916	169	10.5	6.23	0.155	-3.02
Your Method	30597	297	18.0	6.07	0.257	-4.78	31029	172	13.8	8.04	0.196	-4.68
Your Peer	1431	293	14.4	4.93	0.952	-3.38	1427	167	10.5	6.28	0.693	-1.79











Regression Line Analysis vs Peer

Co	m	m	e	nt	s:
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Reviewed by:

Generated 09 Oct 2024

Mean Z-score Report Clinical Chemistry (Monthly) Program

Cycle 22 Jul 2023 – Jul 2024



INTERMED INNOVATION 10A CHINOBOD STR., UNUSABAD DISTRICT TAS TASHKENT RUSSIA

Lab 267608

2023 – Jul 2024 Lot No: 212100 **EQA**

Instrument: Mir	ndray BS Series				
Analyte	Your Mean Z-score	Your Percentile		ean Z-score Distribution	
Albumin	0.29	3%	10% 0.40 ⊝	50% 0.72	90% 2.19
Alkaline Phosphata	nse 1.22	76%	0.42	0.79	1.95
ALT (ALAT/GPT)	0.39	11%	0.39	0.76	2.17
Amylase	0.35	11%	0.32	0.74	3.00
AST/GOT	0.51	19%	0.40	0.82	1.97
Bilirubin, Direct	0.52	29%	0.29	0.87	2.12
Bilirubin, Indire	0.90	67%	0.67	0.76	1.09
Bilirubin, Total	0.82	50%	0.29	0.82	1.59
Calcium	0.35	6%	⊙0.39	0.81	2.20
Chloride	0.51	14%	0.45	0.88	1.74
Cholesterol, HDL	0.66	38%	0.31	0.82	2.28
Cholesterol, LDL	0.37	11%	0.36	0.77	1.78
Cholesterol, Total	0.29	4%	⊙ ⊙	0.82	2.25
Cholinesterase	0.61	44%	0.21	0.67	1.41
Creatine Kinase	0.45	22%	0.37	0.77	2.40
Creatinine	0.33	6%	0.37 ⊖	0.82	2.68
G-Glutamyltransfe	0.50	23%	0.40	0.81	1.98
Glucose	0.57	24%	0.41	0.82	2.15
Iron	0.81	49%	0.33	0.81 ⊖	2.83
LDH	0.51	22%	0.38	0.72	2.76
Lipase	1.15	67%	0.27	0.68	2.24
Magnesium	0.50	17%	0.36	0.91	3.19
Phosphorus	0.39	15%	0.33	0.75	2.55

Mean Z-score Report Clinical Chemistry (Monthly) Program



Cycle 22 Jul 2023 – Jul 2024 Lot No: 212100

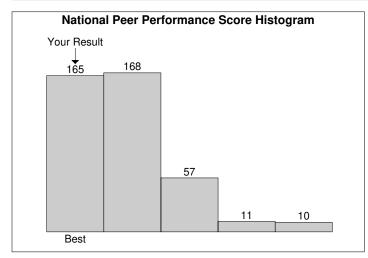


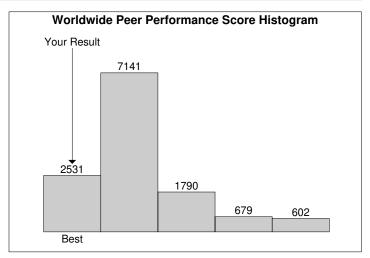
BIO-RAD

INTERMED INNOVATION

10A CHINOBOD STR., UNUSABAD DISTRICT TAS
TASHKENT
RUSSIA

Instrument: M	lindray BS Series				
Analyte	Your Mean Z-score	Your Percentile	Mea	n Z-score Distributio	n
			10%	50%	90%
Potassium	0.41	4%	O.48	0.95	3.24
Protein, Total	0.41	10%	0.40	0.79	2.06
Sodium	0.67	36%	0.45	0.77	1.73
Triglycerides	0.35	8%	0.37 ⊖	0.80	2.25
Urea	0.64	34%	0.38	0.82	2.68
Uric Acid	0.62	36%	0.32	0.81	3.01





EQAS Certificate of Acceptable Performance



THIS IS TO CERTIFY THAT:

INTERMED INNOVATION Lab 267608

HAS SUCCESSFULLY COMPLETED THE EXTERNAL QUALITY ASSESSMENT FOR:

EQAS Clinical Chemistry (Monthly) Program Cycle 22: July 2023 - July 2024

FOR THE FOLLOWING TESTS:

ALT (ALAT/GPT) Creatine Kinase AST/GOT Creatinine

G-Glutamyltransferase Albumin

Alkaline Phosphatase Glucose Amylase Iron Bile Acids LDH Bilirubin, Direct Lipase Bilirubin, Indirect/BU Magnesium Bilirubin, Total Phosphorus CO2 (Carbon Dioxide) Potassium Calcium Protein, Total Chloride Sodium Cholesterol, HDL **Triglycerides** Cholesterol, LDL Urea Cholesterol, Total Uric Acid Cholinesterase

Acceptable performance criteria: >= 75% response rate with results within +-3 Z-score



Bio-Rad Laboratories is fully accredited by the American Association for Laboratory Accreditation (A2LA) to the ISO/IEC 17043:2010 standard.

Michiko Suwoto

Michiko Suwoto, EQAS Program Manager

Bio-Rad Laboratories EQAS Program Enrollment

9500 Jeronimo Road Irvine, CA 92618-2017, USA email: eqas@bio-rad.com