

Exceptions

✓ None at this time.

Legend: ✓ No Warnings 🗑️ Missing Result 📅 Late Results ⚠️ $2.0 \leq |Z\text{-score}| < 3.0$ ❌ $|Z\text{-score}| \geq 3.0$ * Amended Result (per participant's request)

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: 322942

**Attn: ROHIT KAUSHAL
CH SUNDER NAGAR
PUNGH,
HIMACHAL PRADESH HIMACHAL PRADESH 17501
INDIA**



Lab 322942

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Configuration Report
Clinical Chemistry (Monthly) Program

Cycle 23

Jul 2024 – Jul 2025
Sample No: 4
Sample Date: 28 Oct 24
Lot No: 212200



Selected Options:

Data Input: Online
Report Receipt: QCNet
Subgroup Number: None

Instrument

3149 – DiaSys Sys–200/Pro

Analyte	Method	Reagent	Unit
007 ALB	583 Bromocresol Green (BCG)	0333 DiaSys Diagnostic Systems	15 g/dL
026 ALKP	363 PNPP, AMP Buffer	0333 DiaSys Diagnostic Systems	56 U/L
020 ALT	135 UV with P5P	0333 DiaSys Diagnostic Systems	56 U/L
031 AMYL	311 G7 PNP, Blocked	0006 Dedicated Reagent	56 U/L
034 AST	135 UV with P5P	0333 DiaSys Diagnostic Systems	56 U/L
042 CA	403 Arsenazo III	0006 Dedicated Reagent	14 mg/dL
054 CHOL	667 Cholesterol oxidase, esterase, peroxidase	0333 DiaSys Diagnostic Systems	14 mg/dL
069 CK	306 NAC Activated – IFCC Ref. Proc., Calibrated	0006 Dedicated Reagent	56 U/L
072 CREA	174 Enzymatic IFCC–IDMS Standardized	1680 Diasys (ProLINE) Creat. PAP FS REF 1759	14 mg/dL
036 DBIL	683 Diazotization	5624 DiaSys Bilirubin Auto Direct FS REF 0821	14 mg/dL
090 GGT	318 G–glutamyl–carboxy–nitroanilide – IFCC Ref. P...	0333 DiaSys Diagnostic Systems	56 U/L
096 GLUC	221 Hexokinase	4935 DiaSys Glucose Hexokinase FS REF 2511	14 mg/dL
052 HDL	592 Direct measure, polymer–polyanion	0333 DiaSys Diagnostic Systems	14 mg/dL
116 LDH	301 L to P – IFCC Ref. Proc., Calibrated	1733 Diasys LDH FS – IFCC REF 4211 (Factored, I...	56 U/L
145 LDL	007 Direct measure	0006 Dedicated Reagent	14 mg/dL
122 LIP	112 Enzymatic, colorimetric	0006 Dedicated Reagent	56 U/L
128 MG	965 Xylidyl blue	0006 Dedicated Reagent	14 mg/dL
140 PHOS	917 Phosphomolybdate method	0333 DiaSys Diagnostic Systems	14 mg/dL
038 TBIL	952 Diazonium Ion	5617 DiaSys Bilirubin Auto Total FS REF 0811	14 mg/dL
144 TP	627 Biuret method	0333 DiaSys Diagnostic Systems	15 g/dL
168 TRIG	231 Enzymatic, end point	0333 DiaSys Diagnostic Systems	14 mg/dL
106 UIBC	105 Ferene	4934 DiaSys UIBC FS REF 1921	13 µg/dL
160 UREA	113 Urease, UV	0333 DiaSys Diagnostic Systems	14 mg/dL
176 URIC	119 Uricase, UV	0333 DiaSys Diagnostic Systems	14 mg/dL

Instrument

2090 – SENSE CORE – ST–100/100B/100C/200/aQua

Analyte	Method	Reagent	Unit
039 CL	023 ISE direct	0006 Dedicated Reagent	54 mmol/L
135 K	023 ISE direct	0006 Dedicated Reagent	54 mmol/L
159 NA	023 ISE direct	0006 Dedicated Reagent	54 mmol/L



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Sample Summary Report
Clinical Chemistry (Monthly) Program

Cycle 23

Jul 2024 – Jul 2025

Sample No: 4

Sample Date: 28 Oct 24

Lot No: 212200



External Quality Assurance Services

Instrument: DiaSys Sys-200/Pro

Analyte	Unit	Result	Mean	Z-score	RMZ	Comparator
✓ Albumin	g/dL	4.9	4.94	-0.09	0.11	Peer
✓ Alkaline Phosphatase	U/L	392.4	407	-0.25	-0.47	Peer
✓ ALT (ALAT/GPT)	U/L	196.4	199	-0.15	0.19	Peer
✓ Amylase	U/L	1495.1	1541	-0.48	-1.18	Mode
✓ AST/GOT	U/L	254.52	257	-0.14	-0.27	Peer
✓ Bilirubin, Direct	mg/dL	3.1	2.63	1.41	1.74	Peer
✓ Bilirubin, Total	mg/dL	9.6	9.93	-0.35	0.09	Peer
✓ Calcium	mg/dL	13.67	13.7	-0.05	-0.15	Peer
✓ Cholesterol, HDL	mg/dL	60	60.7	-0.13	-0.61	Peer
✓ Cholesterol, Total	mg/dL	315	329	-1.04	-0.78	Peer
✓ Creatinine	mg/dL	1.1	1.09	0.12	-0.19	Peer
✓ Glucose	mg/dL	129.4	131	-0.24	-0.10	Peer
✓ Lipase	U/L	75.8	84.0	-0.61	-0.80	Peer
✓ Phosphorus	mg/dL	8.44	9.07	-0.68	-0.56	Peer
✓ Protein, Total	g/dL	8.22	8.56	-0.36	-0.42	Peer
✓ Triglycerides	mg/dL	192.9	183	0.77	0.54	Peer
✓ Urea	mg/dL	165.3	169	-0.38	-0.33	Peer
✓ Uric Acid	mg/dL	8.6	8.69	-0.22	-0.26	Peer

Instrument: SENA CORE – ST-100/100B/100C/200/aQua

Analyte	Unit	Result	Mean	Z-score	RMZ	Comparator
✓ Chloride	mmol/L	122.9	115	1.90	1.20	Peer
✓ Potassium	mmol/L	5.5	5.59	-0.29	0.97	Peer
✓ Sodium	mmol/L	156	157	-0.12	0.92	Peer

Legend: ✓ No Warnings 📄 Missing Result ⓘ Late Results ⚠ 2.0 ≤ |Z-score| < 3.0 ✖ |Z-score| ≥ 3.0
 * Amended Result (per participant's request) † Non-robust determination of Mean and SD

Problem Classification: _____

Corrective Action: _____

Reviewed by: _____

Date: _____



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Albumin Report Clinical Chemistry (Monthly) Program

Cycle 23

Jul 2024 – Jul 2025
Sample No: 4
Sample Date: 28 Oct 24
Lot No: 212200



DiaSys Sys-200/Pro

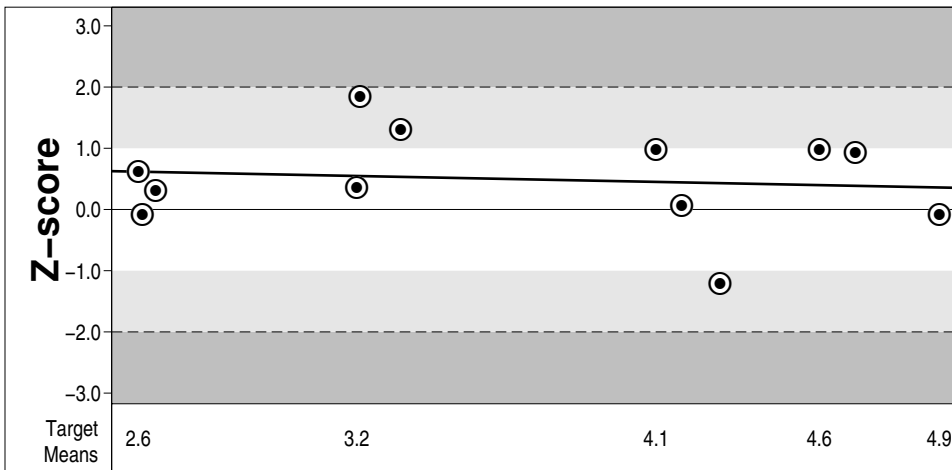
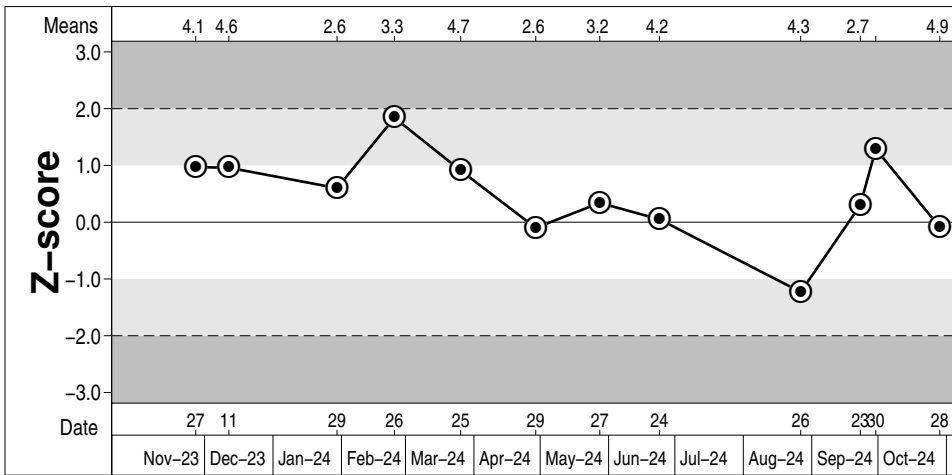
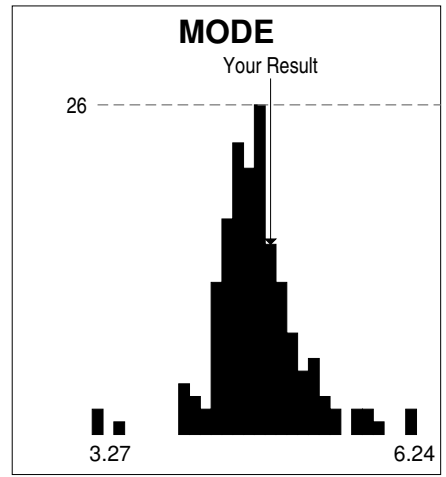
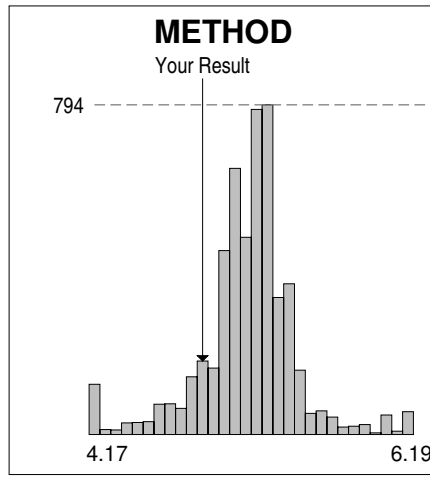
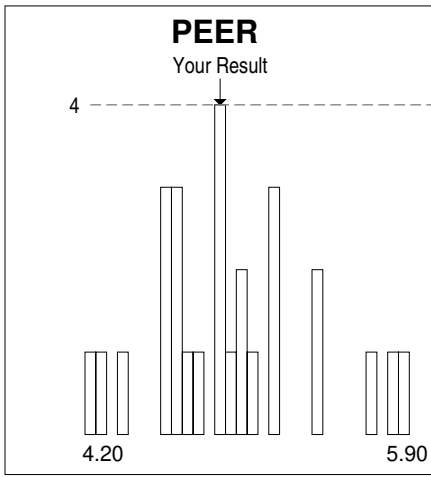
Your Result
4.9 g/dL

- ◆ Your Mode
- Your Method
- Your Peer

Comparative Statistics

	N	Mean	SD	CV	U ¹	Z-score	RMZ	%
Your Mode	169	4.76	0.298	6.26	0.057	0.49	0.16	3.04
Your Method	5229	5.18	0.202	3.90	0.007	-1.39	0.33	-5.42
Your Peer	27	4.94	0.410	8.30	0.197	-0.09	0.11	-0.717

Your Deviation



	N	Mean	CV	U ¹
Roche cobas 6000/8000/c 311 Brom cresol Green (BCG) Dedicated Reagent	1030	5.23	2.13	0.009
Beckman Coulter AU Series Brom cresol Green (BCG) BC AU ALB OSR6X02	881	5.07	2.40	0.010
VITROS Microslide Series Brom cresol Green (BCG) - Vitros VITROS Dry Slides Reagent Group	691	5.34	3.09	0.016
Roche cobas Integra / c 111 Brom cresol Green (BCG) Dedicated Reagent	376	5.28	2.46	0.017
Siemens Dimension Series Brom cresol Purple (BCP) Dedicated Reagent	292	5.15	2.64	0.020
Mindray BS Series Brom cresol Green (BCG) Dedicated Reagent	275	5.13	3.71	0.029
Roche cobas c 303/503 Brom cresol Green (BCG) Roche ALB2, REF 08056692	264	5.23	1.68	0.014
Abbott ARCHITECT/Alinity (c, i, ci ... Brom cresol Green (BCG) Abbott ARCH AlbBCG2, REF 04T34	235	5.30	2.48	0.021
Abbott ARCHITECT/Alinity (c, i, ci ... Brom cresol Green (BCG) Abbott Alinity c AlbBCG2, REF 04U30	168	5.35	1.61	0.017

Albumin 23 : 4
CYCLE SAMPLE



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Alkaline Phosphatase Report Clinical Chemistry (Monthly) Program

Cycle 23

Jul 2024 – Jul 2025
Sample No: 4
Sample Date: 28 Oct 24
Lot No: 212200



DiaSys Sys-200/Pro

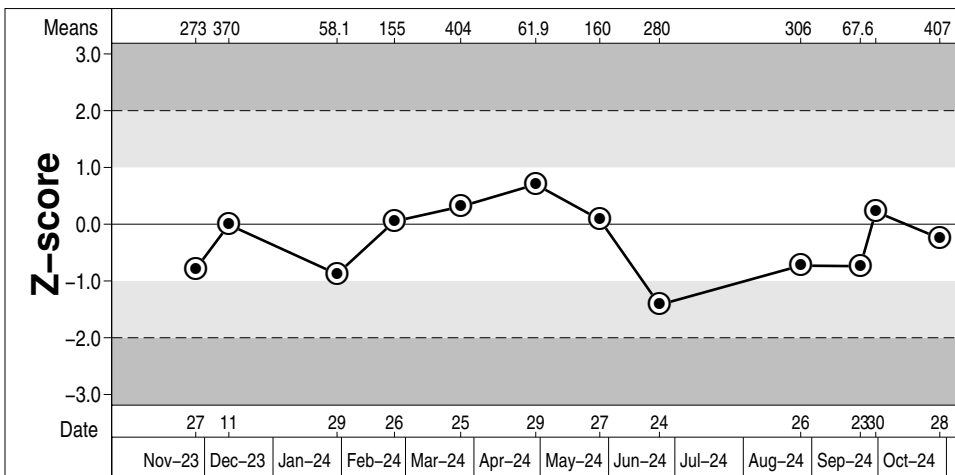
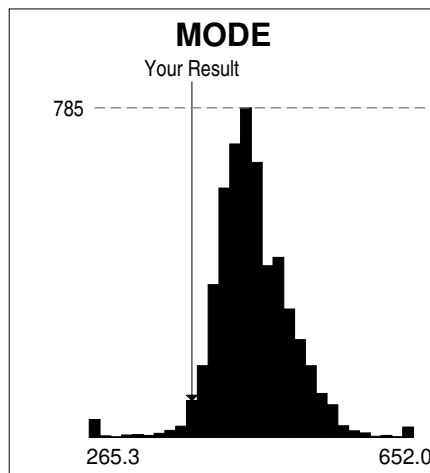
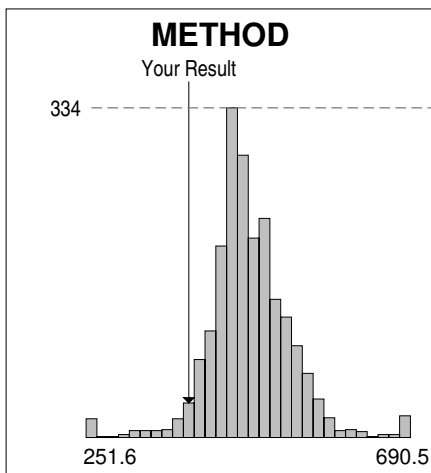
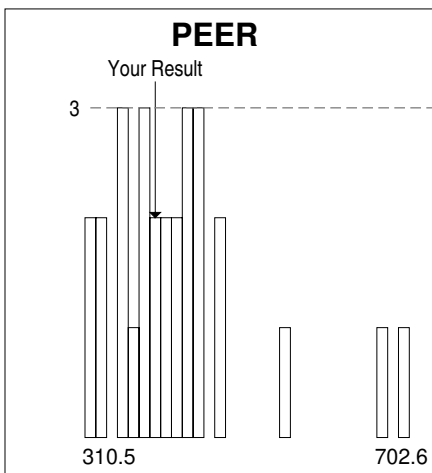
Your Result
392.4 U/L

- ◆ Your Mode
- Your Method
- Your Peer

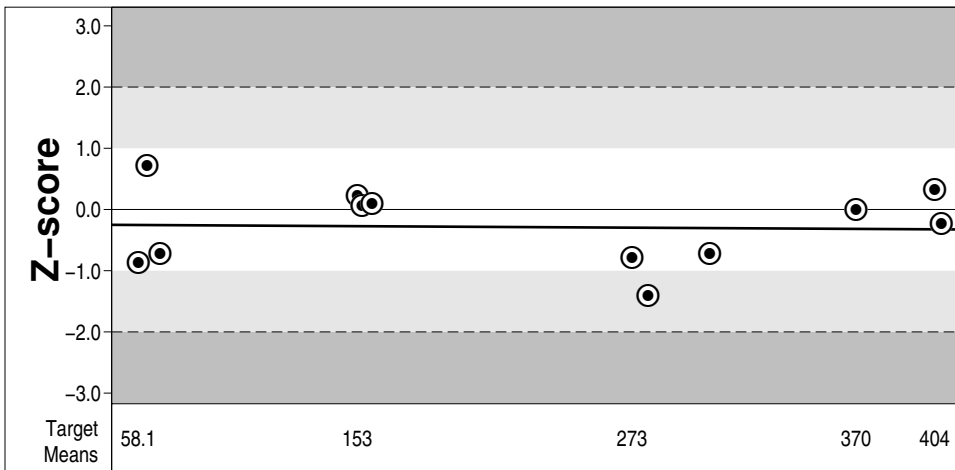
Comparative Statistics

Your Deviation

	N	Mean	SD	CV	U ¹	Z-score	RMZ	%
Your Mode	5297	459	38.7	8.43	1.33	-1.71	-1.68	-14.4
Your Method	2062	471	43.9	9.32	2.42	-1.79	-1.76	-16.7
Your Peer	28	407	59.1	14.5	27.9	-0.25	-0.47	-3.59



	N	Mean	CV	U ¹
Roche cobas 6000/c 311 PNPP, AMP Buffer – IFCC Ref. Proc., Calibrated Dedicated Reagent	605	454	3.38	1.56
VITROS Microslide Series PNPP, AMP Buffer – VITROS VITROS Dry Slides Reagent Group	573	428	5.34	2.38
Beckman Coulter AU Series PNPP, AMP Buffer – IFCC Ref. Proc., Calibrated BC AU ALP REF OSR6X04	570	510	6.39	3.41
Roche cobas 6000/c 311 PNPP, AMP Buffer Dedicated Reagent	358	453	3.74	2.24
Roche cobas c 303/503 PNPP, AMP Buffer – IFCC Ref. Proc., Calibrated Roche ALP2, REF 08056757	350	421	3.21	1.80
Beckman Coulter AU Series PNPP, AMP Buffer BC AU ALP REF OSR6X04	314	508	6.15	4.41
Siemens Atellica CH Analyzer PNPP, AMP Buffer – IFCC Ref. Proc., Calibrated Siemens Atellica CH ALP_2c, REF 11097600	210	435	3.08	2.31
Roche cobas Integra / c 111 PNPP, AMP Buffer – IFCC Ref. Proc., Calibrated Dedicated Reagent	198	462	3.86	3.17
Siemens Dimension Series PNPP, AMP Buffer – IFCC Ref. Proc., Calibrated Dedicated Reagent	175	447	4.42	3.74



Alkaline Phosphatase 23 : 4
CYCLE SAMPLE



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

Cycle 23

Jul 2024 – Jul 2025
Sample No: 4
Sample Date: 28 Oct 24
Lot No: 212200



DiaSys Sys-200/Pro

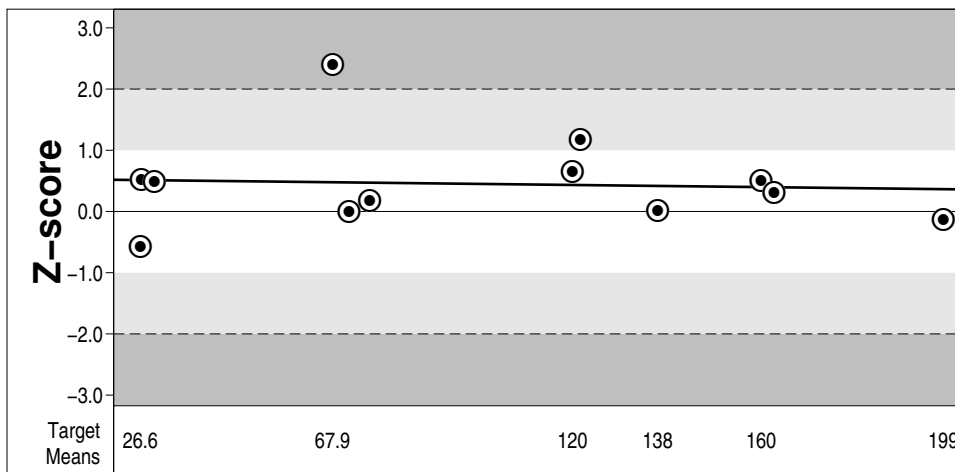
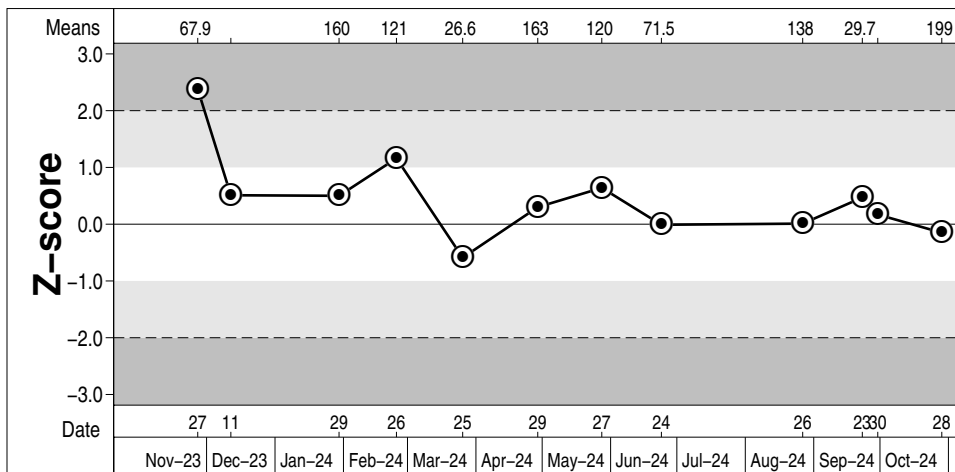
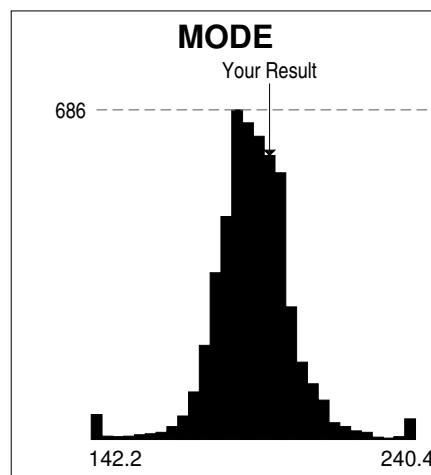
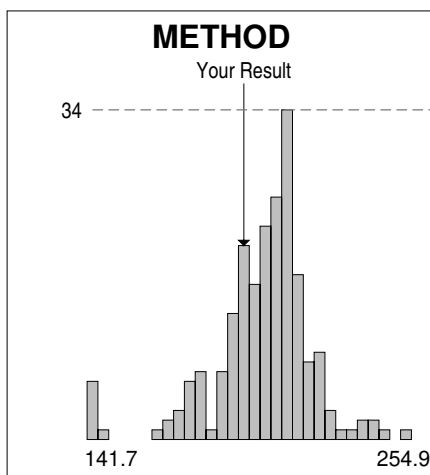
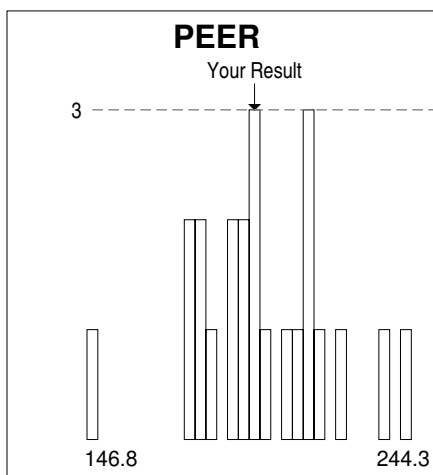
Your Result
196.4 U/L

- ◆ Your Mode
- Your Method
- Your Peer

Comparative Statistics

Your Deviation

	N	Mean	SD	CV	U ¹	Z-score	RMZ	%
Your Mode	5200	191	9.81	5.13	0.340	0.52	1.22	2.66
Your Method	209	205	12.6	6.15	2.17	-0.65	-0.38	-3.98
Your Peer	23	199	18.6	9.36	9.72	-0.15	0.19	-1.41



	N	Mean	CV	U ¹
Roche cobas 6000/8000/c 311 UV with P5P – IFCC Ref. Proc., Calibrated Roche cobas ALTL REF 20764957 (Factored, IFCC...)	873	186	2.85	0.448
Beckman Coulter AU Series UV without P5P BC AU ALT REF OSR6X07	515	199	3.30	0.722
Beckman Coulter AU Series UV with P5P – IFCC Ref. Proc., Calibrated BC AU ALT REF OSR6X07	379	198	3.27	0.832
VITROS Microslide Series UV with P5P-VITROS VITROS Dry Slides Reagent Group	340	196	3.22	0.856
Roche cobas Integra / c 111 UV with P5P – IFCC Ref. Proc., Calibrated Roche INTEGRA ALT REF 20764957	320	182	3.30	0.841
VITROS Microslide Series UV with P5P – IFCC Ref. Proc., Calibrated VITROS Dry Slides Reagent Group	248	196	3.43	1.07
Roche cobas c 303/503 UV with P5P – IFCC Ref. Proc., Calibrated Roche ALTP, REF 08056773	221	193	2.40	0.780
Siemens Dimension Series UV with P5P – IFCC Ref. Proc., Calibrated Dedicated Reagent	178	208	3.41	1.33
Roche cobas 6000/8000/c 311 UV with P5P – IFCC Ref. Proc., Calibrated Roche cobas ALTL REF 04467388	175	192	3.17	1.15

ALT (ALAT/GPT) 23 : 4
CYCLE SAMPLE



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Amylase Report Clinical Chemistry (Monthly) Program

Cycle 23

Jul 2024 – Jul 2025

Sample No: 4

Sample Date: 28 Oct 24

Lot No: 212200



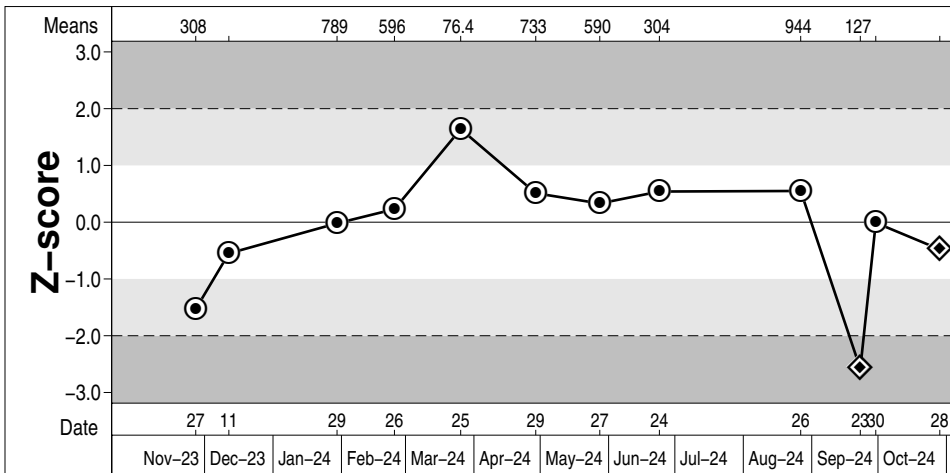
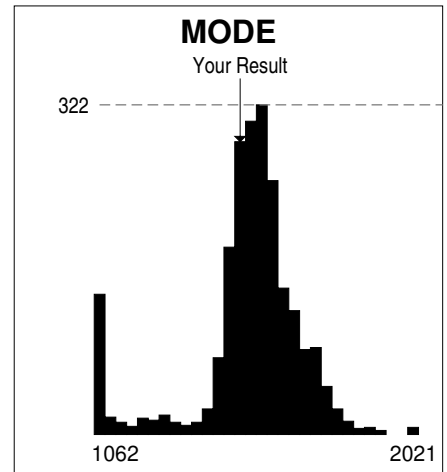
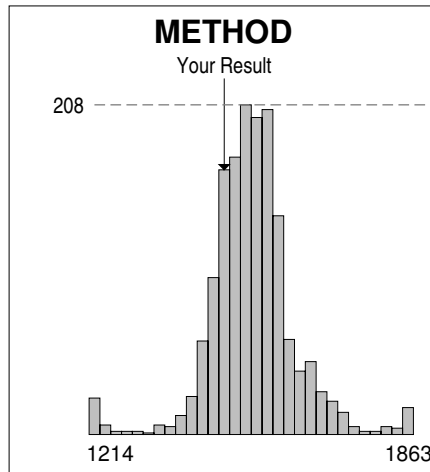
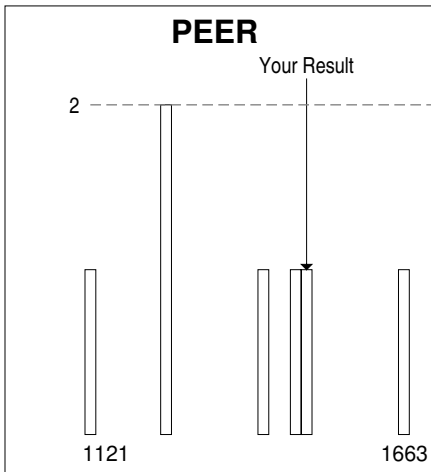
DiaSys Sys-200/Pro

Your Result
1495.1 U/L

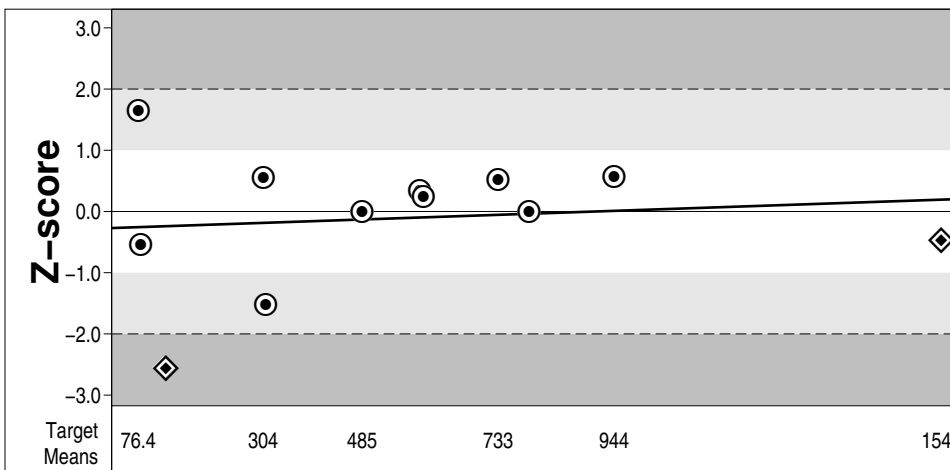
Comparative Statistics

Your Deviation

	N	Mean	SD	CV	U ¹	Z-score	RMZ	%
◆ Your Mode	2245	1541	95.9	6.22	5.06	-0.48	-1.18	-2.99
■ Your Method	1578	1539	64.9	4.22	4.09	-0.67	-2.53	-2.83
● Your Peer	7	1385	208	15.0	196	0.53	0.16	7.97



	N	Mean	CV	U ¹
Roche cobas 6000/8000/c 311 G7 PNP, Blocked Dedicated Reagent	814	1535	3.76	5.06
VITROS Microslide Series Amylopectin, colorimetric-VITROS VITROS Dry Slides Reagent Group	437	822	4.51	4.43
Beckman Coulter AU Series G7 PNP, Blocked - IFCC Ref. Proc., Calibrated BC AU Alpha Amylase REF OSR6182	363	1671	4.40	9.65
Beckman Coulter AU Series CNP-triose/CNPG3 BC AU AMY REF OSR6X06	266	901	4.50	6.21
Roche cobas c 303/503 G7 PNP, Blocked Roche AMYL2, REF 08056811	256	1504	2.20	5.16
Roche cobas Integra / c 111 G7 PNP, Blocked Dedicated Reagent	243	1554	2.63	6.56
Abbott ARCHITECT/Alinity (c, i, ci ... G7 PNP, Blocked - IFCC Ref. Proc., Calibrated Abbott Alinity c AMY2, REF 04T85 (Factored, I...	152	1683	1.75	5.96
Siemens Dimension Series CNP-triose/CNPG3 Dedicated Reagent	147	1090	4.81	10.8
Siemens Atellica CH Analyzer G7 PNP, Blocked - IFCC Ref. Proc., Calibrated Siemens Atellica CH AMY_2 REF 11097649	141	1548	2.26	7.36



Amylase 23 : 4
CYCLE SAMPLE



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AST/GOT Report Clinical Chemistry (Monthly) Program

Cycle 23

Jul 2024 – Jul 2025
Sample No: 4
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DiaSys Sys-200/Pro

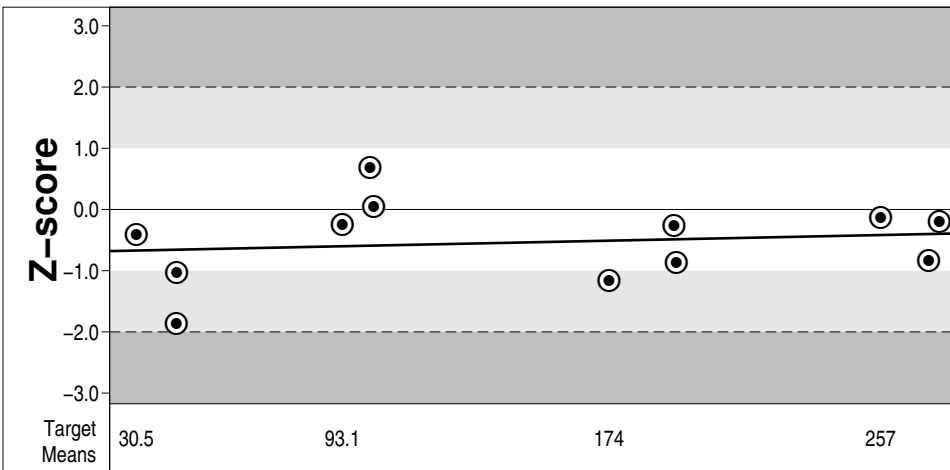
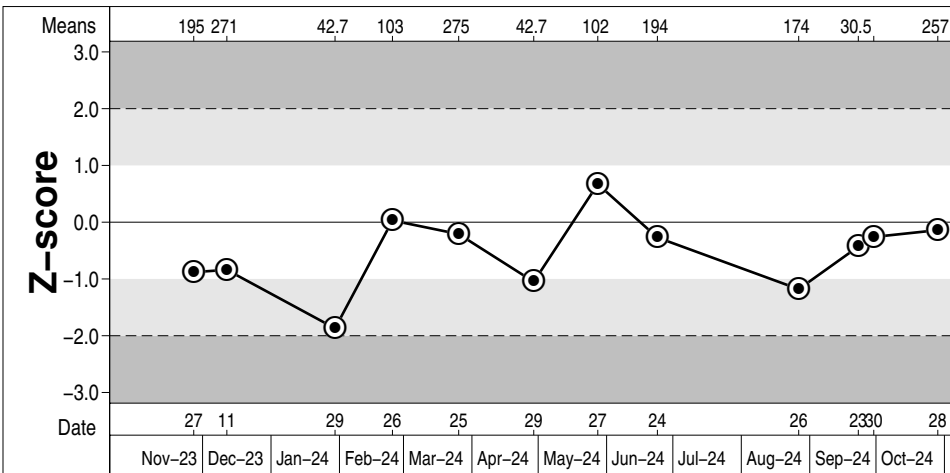
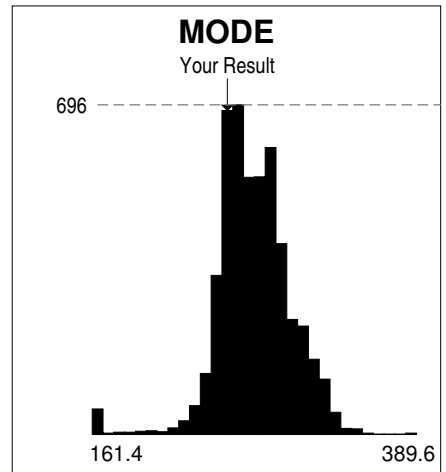
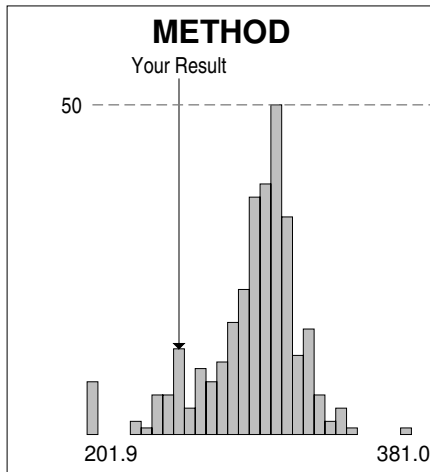
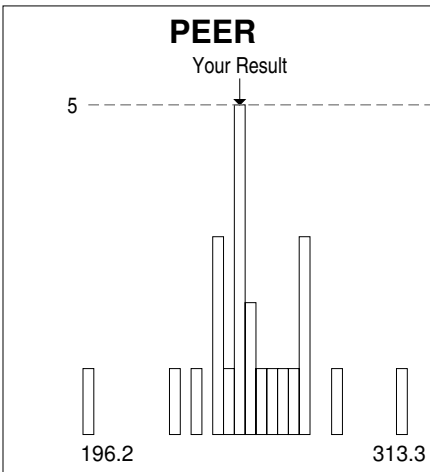
Your Result
254.52 U/L

- ◆ Your Mode
- Your Method
- Your Peer

Comparative Statistics

Your Deviation

	N	Mean	SD	CV	U ¹	Z-score	RMZ	%
Your Mode	4962	275	22.8	8.28	0.810	-0.92	-0.82	-7.61
Your Method	306	297	19.1	6.41	2.72	-2.24	-2.08	-14.4
Your Peer	23	257	16.6	6.48	8.67	-0.14	-0.27	-0.880



	N	Mean	CV	U ¹
Roche cobas 6000/8000/c 311 UV with P5P – IFCC Ref. Proc., Calibrated Roche cobas ASTL REF 20764949 (Factored, IFCC...)	834	261	3.25	0.734
Beckman Coulter AU Series UV without P5P BC AU AST REF OSR6X09	495	285	3.32	1.06
VITROS Microslide Series Enzymatic, colorimetric-VITROS VITROS Dry Slides Reagent Group	340	331	3.15	1.41
Beckman Coulter AU Series UV with P5P – IFCC Ref. Proc., Calibrated BC AU AST REF OSR6X09	331	284	3.91	1.53
Roche cobas Integra / c 111 UV with P5P-VITROS Roche INTEGRA ASTL REF 20764949	312	260	4.34	1.60
VITROS Microslide Series UV with P5P-VITROS VITROS Dry Slides Reagent Group	242	333	2.89	1.54
Siemens Dimension Series UV with P5P Dedicated Reagent	219	304	4.01	2.06
Roche cobas c 303/503 UV with P5P – IFCC Ref. Proc., Calibrated Roche ASTP, REF 08056838	215	302	5.22	2.69
Roche cobas c 303/503 UV with P5P – IFCC Ref. Proc., Calibrated Roche ASTP2, REF 08104719	158	293	2.74	1.60

AST/GOT 23 : 4
CYCLE SAMPLE



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Bilirubin, Direct Report Clinical Chemistry (Monthly) Program

Cycle 23

Jul 2024 – Jul 2025
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DiaSys Sys-200/Pro

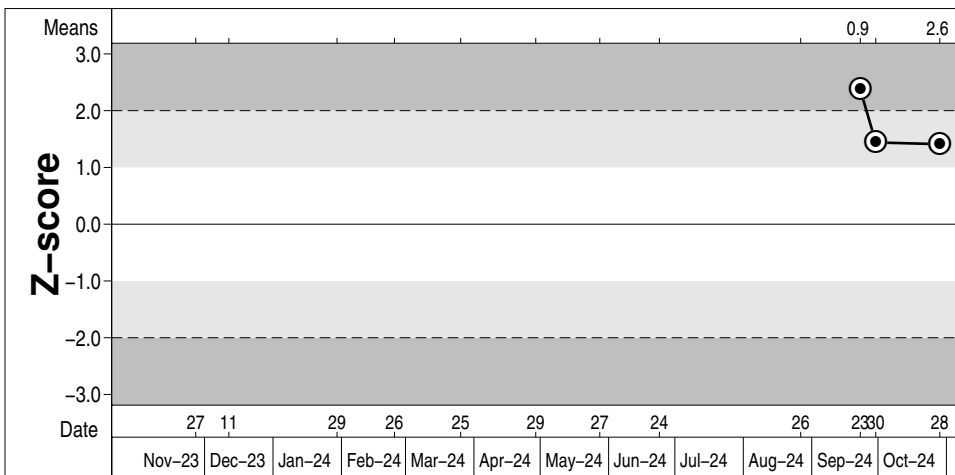
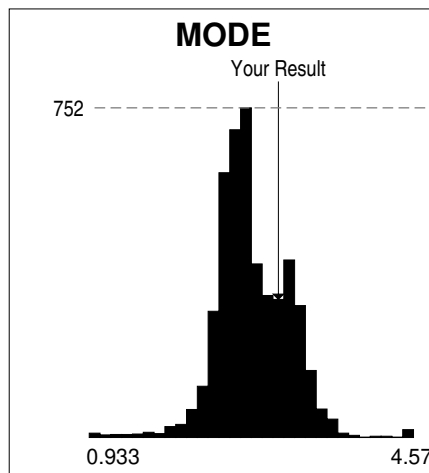
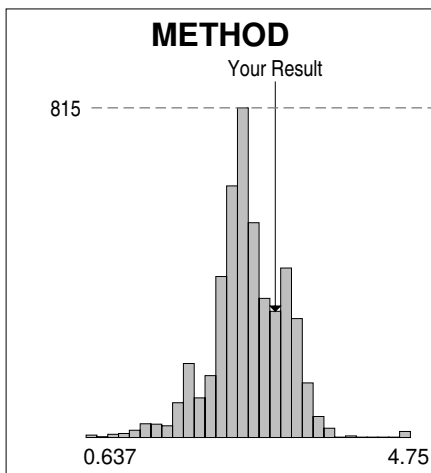
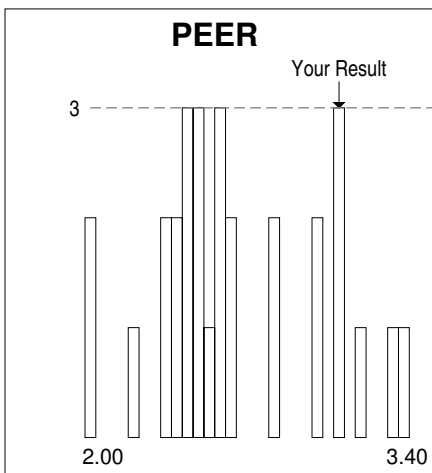
Your Result
3.1 mg/dL

- ◆ Your Mode
- Your Method
- Your Peer

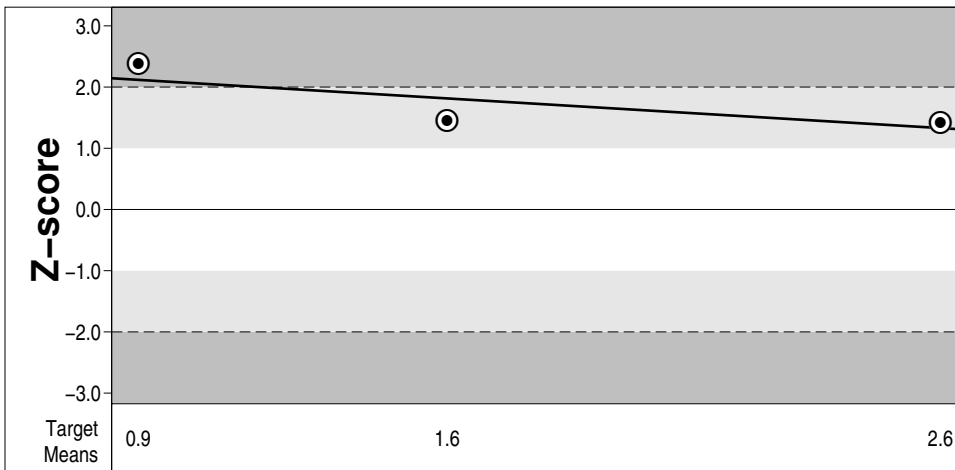
Comparative Statistics

	N	Mean	SD	CV	U ¹	Z-score	RMZ	%
Your Mode	4681	2.75	0.364	13.2	0.013	0.96	1.12	12.7
Your Method	4628	2.69	0.411	15.3	0.015	0.99	1.12	15.1
Your Peer	29	2.63	0.336	12.8	0.156	1.41	1.74	18.0

Your Deviation



	N	Mean	CV	U ¹
Beckman Coulter AU Series Diazotization BC AU DBil REF OSR6X11	758	2.63	4.19	0.010
Roche cobas 6000/8000/c 311 Diazotization Jendrassik-Grof Roche Direct Bilirubin	669	3.20	3.80	0.012
Roche cobas 6000/8000/c 311 Diazotization Dumas Roche Direct Bilirubin	391	2.92	12.0	0.044
Abbott ARCHITECT/Alinity (c, i, ci ...) Diazotization Abbott ARCH Direct Bilirubin REF 8G63	325	2.47	4.60	0.016
Roche cobas Integra / c 111 Diazotization Jendrassik-Grof Roche Direct Bilirubin	270	2.97	4.23	0.019
Abbott ARCHITECT/Alinity (c, i, ci ...) Diazotization Abbott Alinity c Bil D, REF 07P97	268	2.47	4.01	0.015
Siemens Dimension Series Diazotization Dedicated Reagent	264	1.93	5.47	0.016
VITROS Microslide Series Spectrophotometric VITROS Dry Slides Reagent Group	230	1.11	15.3	0.028
Siemens Atellica CH Analyzer Vanadate Oxidation Siemens Atellica CH DBil_2, REF 11097532	204	2.81	11.5	0.056



Bilirubin, Direct 23 : 4
CYCLE SAMPLE



Lab 322942

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INDIA

Bilirubin, Total Report Clinical Chemistry (Monthly) Program

Cycle 23

Jul 2024 – Jul 2025
Sample No: 4
Sample Date: 28 Oct 24
Lot No: 212200



DiaSys Sys-200/Pro

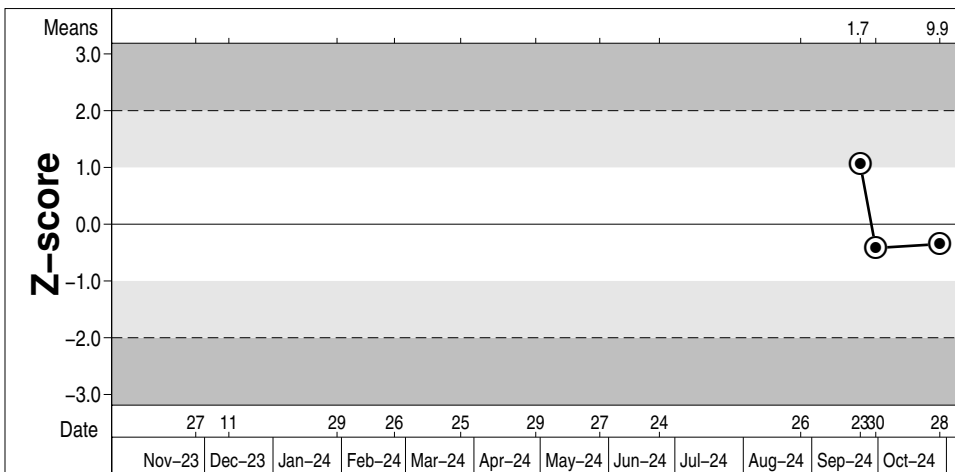
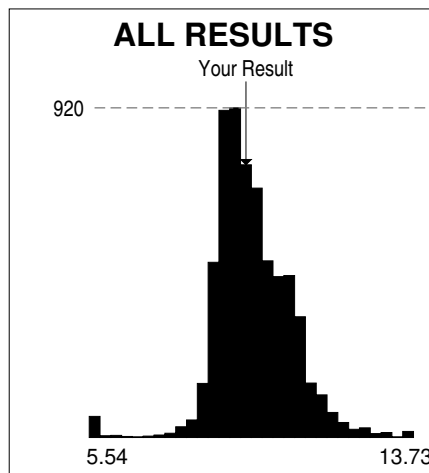
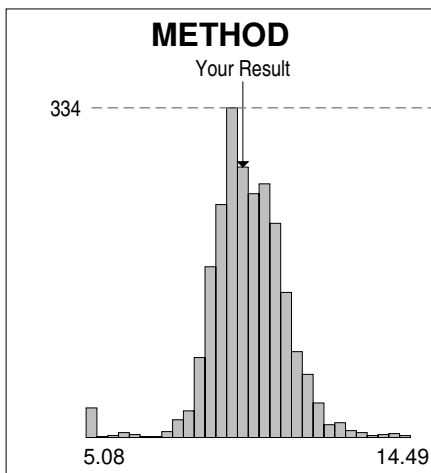
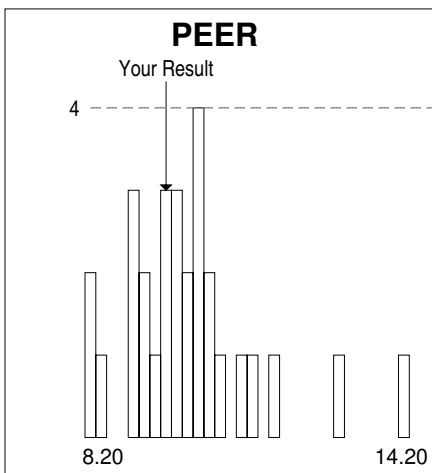
Your Result
9.6 mg/dL

- ◆ All Results
- Your Method
- Your Peer

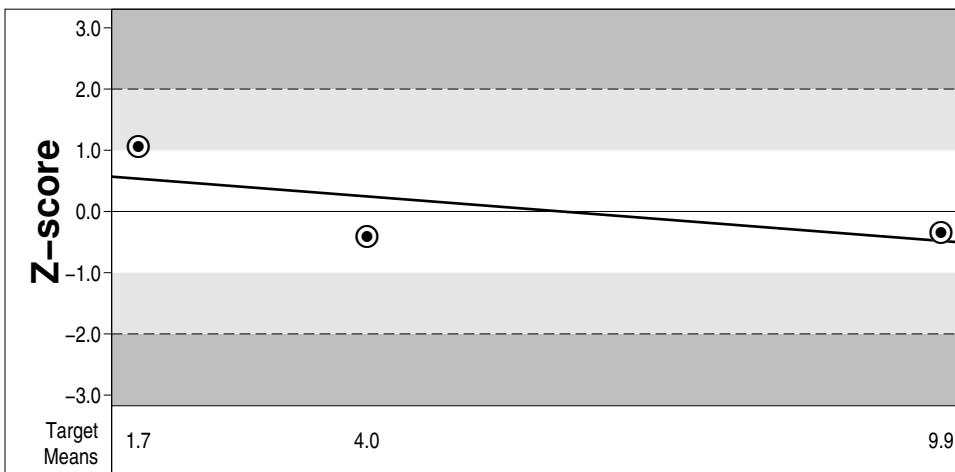
Comparative Statistics

Your Deviation

	N	Mean	SD	CV	U ¹	Z-score	RMZ	%
All Results	6314	9.64	0.819	8.50	0.026	-0.04	0.77	-0.379
Your Method	2296	9.79	0.941	9.62	0.049	-0.20	0.68	-1.89
Your Peer	29	9.93	0.947	9.53	0.440	-0.35	0.09	-3.35



	N	Mean	CV	U ¹
Roche cobas 6000/8000/c 311 Diazonium Ion, Blanked (Roche) Dedicated Reagent	1181	9.09	3.15	0.021
Beckman Coulter AU Series DPD BC AU TBILI REF OSR6X12	882	9.67	3.01	0.024
VITROS Microslide Series Diphylline, Diazonium Salt-VITROS VITROS Dry Slides Reagent Group	525	10.4	4.30	0.049
Roche cobas Integra / c 111 Diazonium Ion, Blanked (Roche) Dedicated Reagent	424	9.06	4.02	0.044
Roche cobas c 303/503 Diazonium Ion, Blanked (Roche) Roche BILT3, REF 08056960	362	8.86	2.66	0.031
Abbott ARCHITECT/Alinity (c, i, ci ... Diazonium Ion Abbott ARCH Total Bilirubin REF 6L45	313	9.07	5.87	0.075
Siemens Dimension Series Diazonium Ion Dedicated Reagent	304	10.3	4.56	0.067
Abbott ARCHITECT/Alinity (c, i, ci ... Diazonium Ion Abbott Alinity c Bili Total, REF 04V51	269	9.29	4.71	0.067
Siemens Atellica CH Analyzer Vanadate Oxidation Siemens Atellica CH TBil_2, REF 11097531	210	10.7	2.84	0.052



Bilirubin, Total 23 : 4
CYCLE SAMPLE



Lab 322942

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Calcium Report Clinical Chemistry (Monthly) Program

Cycle 23

Jul 2024 – Jul 2025
Sample No: 4
Sample Date: 28 Oct 24
Lot No: 212200



DiaSys Sys-200/Pro

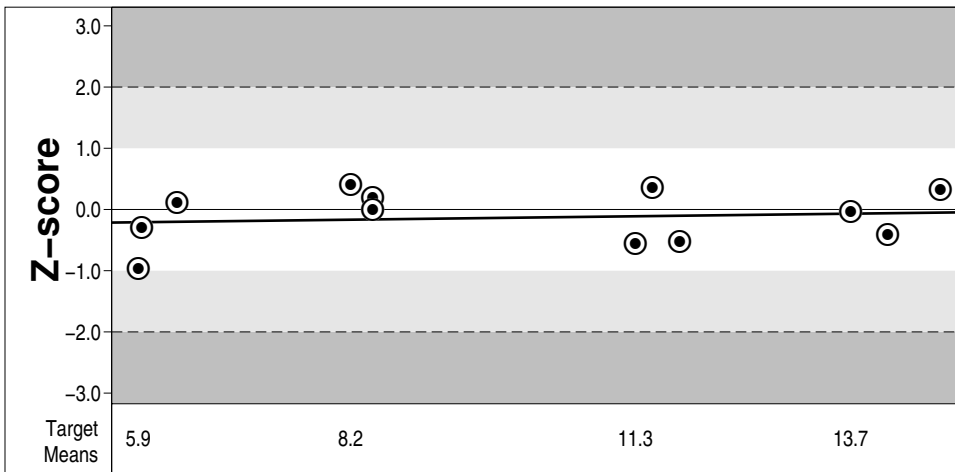
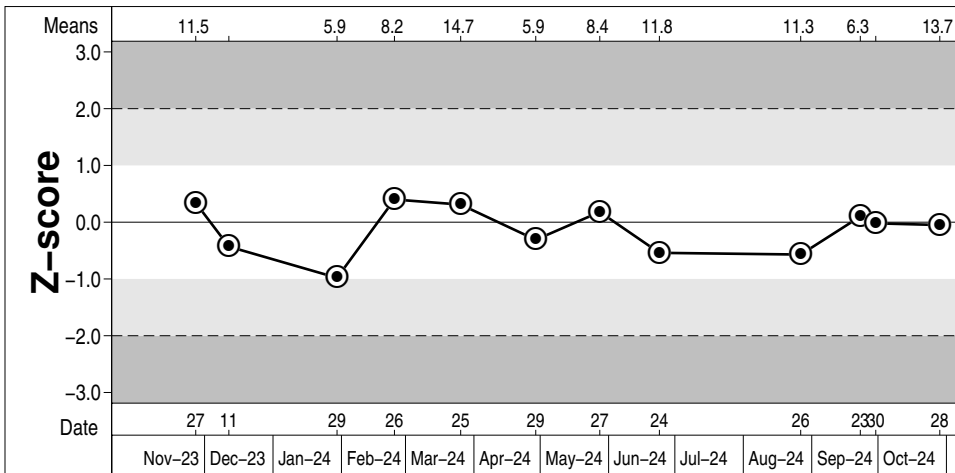
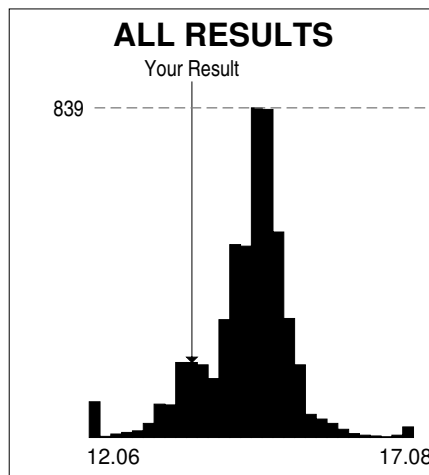
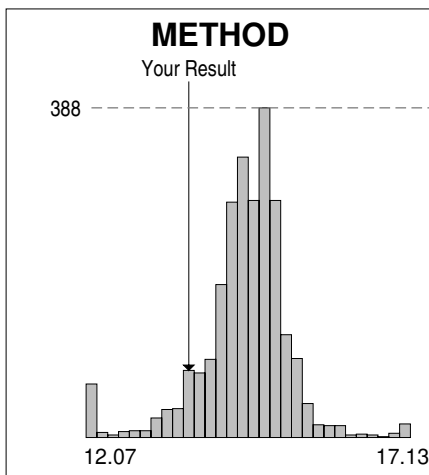
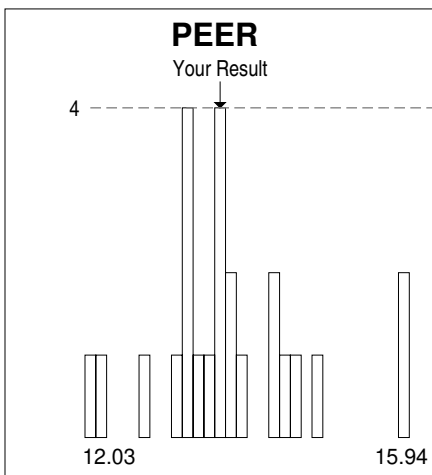
Your Result
13.67 mg/dL

- ◆ All Results
- Your Method
- Your Peer

Comparative Statistics

	N	Mean	SD	CV	U ¹	Z-score	RMZ	%
All Results	5232	14.6	0.502	3.45	0.017	-1.79	-0.32	-6.18
Your Method	2492	14.6	0.506	3.47	0.025	-1.84	-0.39	-6.39
Your Peer	24	13.7	0.621	4.53	0.317	-0.05	-0.15	-0.243

Your Deviation



	N	Mean	CV	U ¹
Roche cobas 6000/8000/c 311 BAPTA Dedicated Reagent	903	14.8	1.81	0.022
Beckman Coulter AU Series Arsenazo III BC AU CA ARSENAZO REF OSR6X117	795	14.8	2.07	0.027
VITROS Microslide Series Arsenazo III-VITROS VITROS Dry Slides Reagent Group	546	13.6	2.61	0.038
Roche cobas c 303/503 BAPTA Roche CA2, REF 08057427	351	14.7	1.64	0.032
Abbott ARCHITECT/Alinity (c, i, ci ... Arsenazo III Abbott ARCH Calcium REF 3L79	318	14.4	2.36	0.048
Roche cobas Integra / c 111 BAPTA Dedicated Reagent	291	14.6	2.53	0.054
Abbott ARCHITECT/Alinity (c, i, ci ... Arsenazo III Abbott Alinity c Calcium, REF 07P57	274	14.7	2.02	0.045
Siemens Dimension Series o-cresolphthalein complexone Dedicated Reagent	246	14.5	3.34	0.077
Siemens Atellica CH Analyzer Arsenazo III Siemens Atellica CH CA_2, REF 11097644	146	14.6	2.12	0.064

Calcium 23 : 4
CYCLE SAMPLE



Lab 322942

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Cholesterol, HDL Report Clinical Chemistry (Monthly) Program

Cycle 23

Jul 2024 – Jul 2025

Sample No: 4

Sample Date: 28 Oct 24

Lot No: 212200



DiaSys Sys-200/Pro

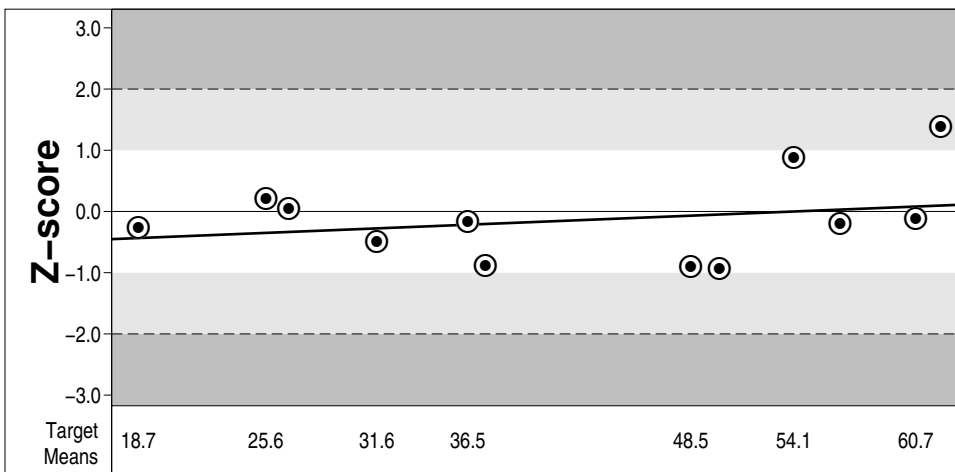
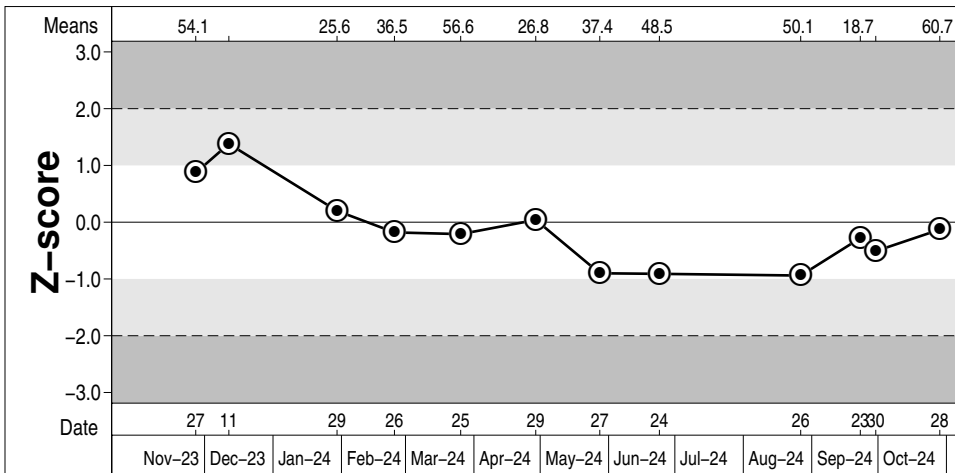
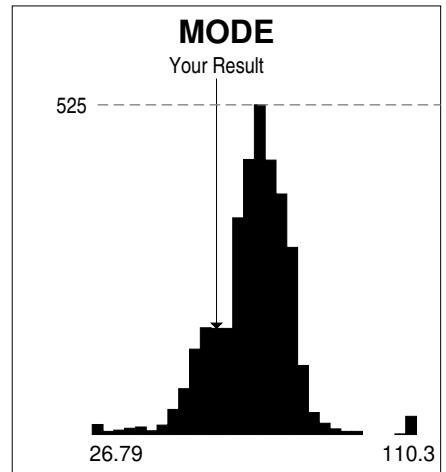
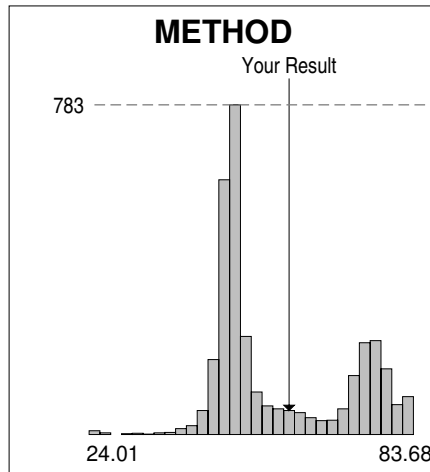
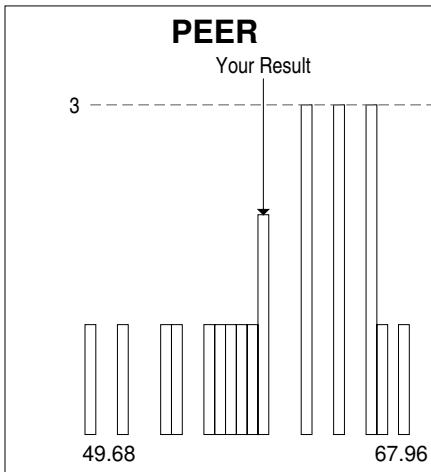
Your Result
60 mg/dL

- ◆ Your Mode
- Your Method
- Your Peer

Comparative Statistics

	N	Mean	SD	CV	U ¹	Z-score	RMZ	%
Your Mode	3466	68.5	8.35	12.2	0.354	-1.02	-1.36	-12.4
Your Method	3324	53.8	5.97	11.1	0.259	1.03	-0.00	11.4
Your Peer	22	60.7	5.18	8.54	2.76	-0.13	-0.61	-1.11

Your Deviation



	N	Mean	CV	U ¹
Roche cobas 6000/c 311 Direct measure, polymer-polyanion Roche HDLC4	892	49.8	3.51	0.146
Beckman Coulter AU Series Direct measure, immunoinhibition BC AU HDL REF OSR6X87	731	69.7	4.26	0.274
VITROS Microslide Series Direct measure, PTA/MgCl ₂ -VITROS VITROS Dry Slides Reagent Group	459	66.2	5.31	0.410
Roche cobas Integra / c 111 Direct measure, polymer-polyanion Roche HDLC4	396	49.0	4.13	0.254
Roche cobas c 303/503 Direct measure, polymer-polyanion Roche HDLC4	353	50.9	2.71	0.184
Abbott ARCHITECT/Alinity (c, i, ci ... Direct measure, polymer-polyanion Abbott ARCH Ultra HDL REF 3K33	285	75.2	4.04	0.449
Abbott ARCHITECT/Alinity (c, i, ci ... Direct measure, polymer-polyanion Abbott Alinity c Ultra HDL, REF 07P75	279	74.7	3.36	0.376
Roche cobas 8000 Direct measure, polymer-polyanion Roche HDLC4	188	49.8	2.49	0.226
Siemens Atellica CH Analyzer Direct measure, polymer-polyanion Siemens Atellica CH HDLC, REF 11537213	148	78.0	2.76	0.443

Cholesterol, HDL 23 : 4
CYCLE SAMPLE



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Cholesterol, LDL Report Clinical Chemistry (Monthly) Program

Cycle 23

Jul 2024 – Jul 2025
Sample No: 4
Sample Date: 28 Oct 24
Lot No: 212200



DiaSys Sys-200/Pro

Your Result
Unreportable

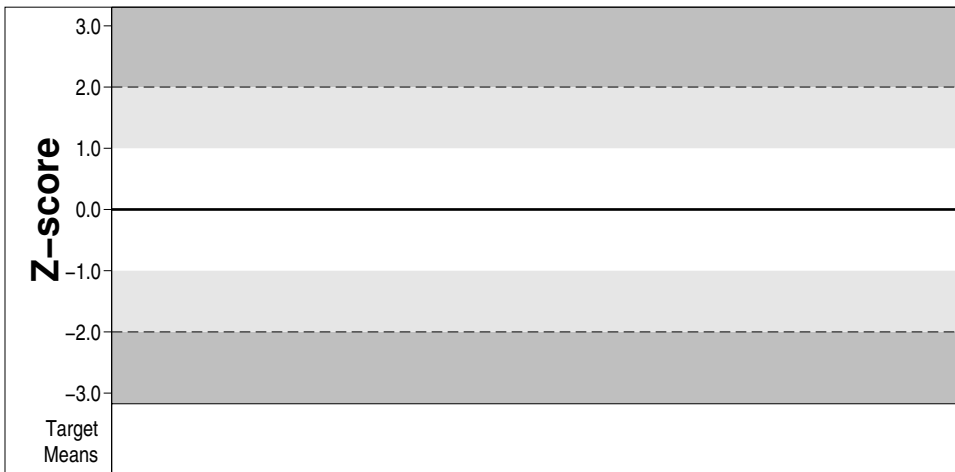
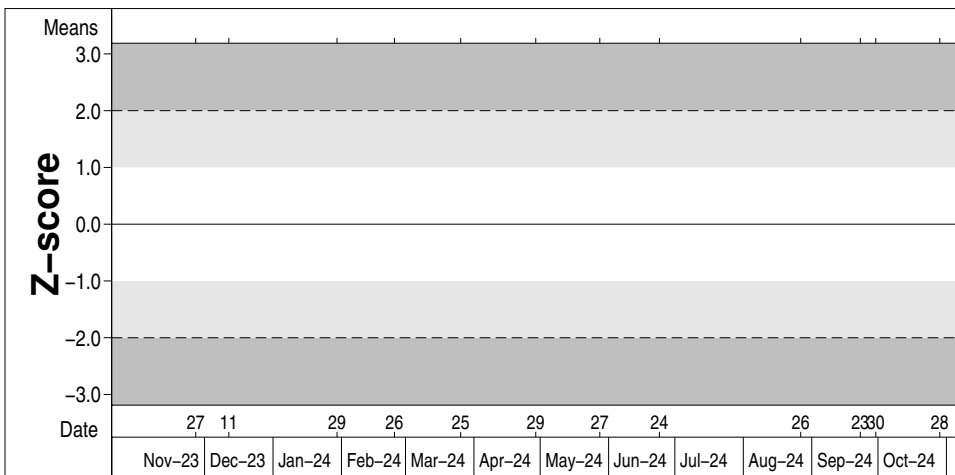
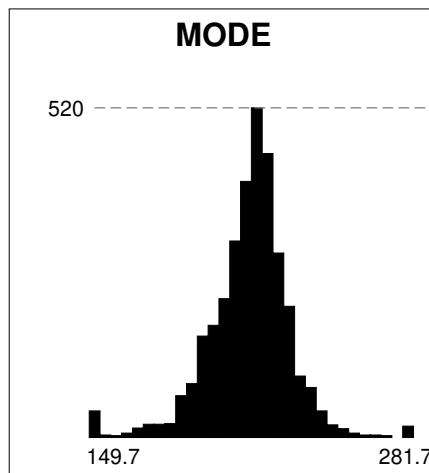
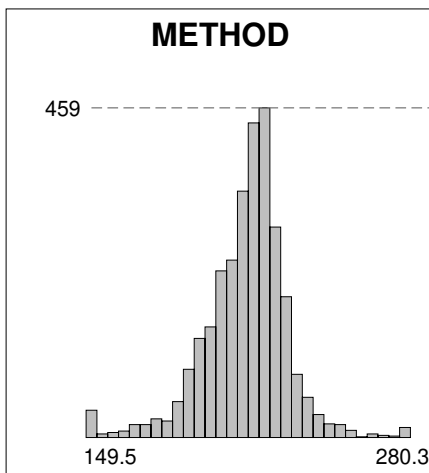
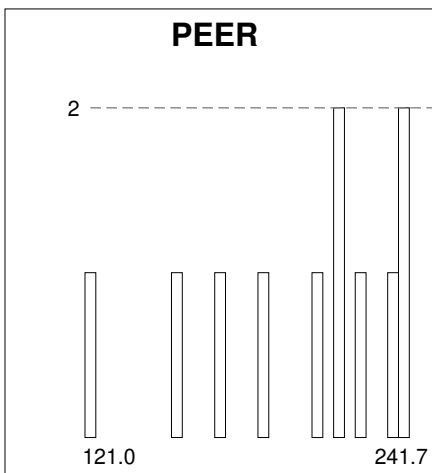
- Your Mode
- Your Method
- Your Peer

Comparative Statistics

N	Mean	SD	CV	U ¹
3310	216	13.2	6.12	0.573
3037	215	13.1	6.09	0.593
11	204	35.4	17.3	26.7

Your Deviation

Z-score	RMZ	%
No comparison possible		



	N	Mean	CV	U ¹
Roche cobas 6000/8000/c 311 Direct measure Roche Gen.3 LDLC3	634	220	3.26	0.712
Beckman Coulter AU Series Direct measure Beckman Coulter AU LDL, OSR6X83	409	213	4.88	1.28
Roche cobas c 303/503 Direct measure Roche LDLC3, REF 08057966	249	222	2.79	0.982
Roche cobas Integra / c 111 Direct measure Roche Gen.3 LDLC3	213	220	3.04	1.15
Abbott ARCHITECT/Alinity (c, i, ci ... Direct measure Abbott Alinity c Direct LDL, REF 07P71	174	214	3.23	1.31
VITROS Microtip Series Direct measure Dedicated Reagent	156	209	3.52	1.47
Siemens Dimension Series Direct measure Dedicated Reagent	141	197	4.69	1.94
Abbott ARCHITECT/Alinity (c, i, ci ... Direct measure Sekisui Diagnostics MULTIGENT Direct LDL REF ...	118	215	3.21	1.59
Mindray BS Series Direct measure Dedicated Reagent	113	232	5.74	3.14

Cholesterol, LDL 23 : 4
CYCLE SAMPLE



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Cholesterol, Total Report Clinical Chemistry (Monthly) Program

Cycle 23

Jul 2024 – Jul 2025
Sample No: 4
Sample Date: 28 Oct 24
Lot No: 212200



DiaSys Sys-200/Pro

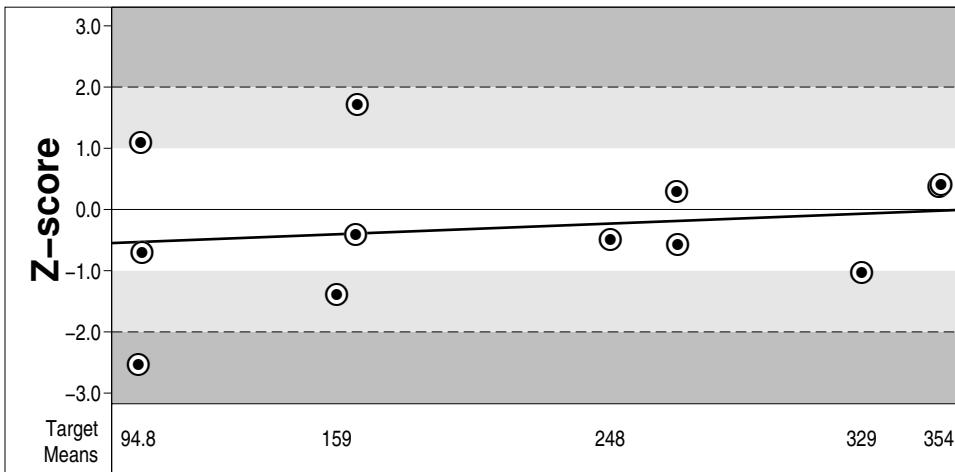
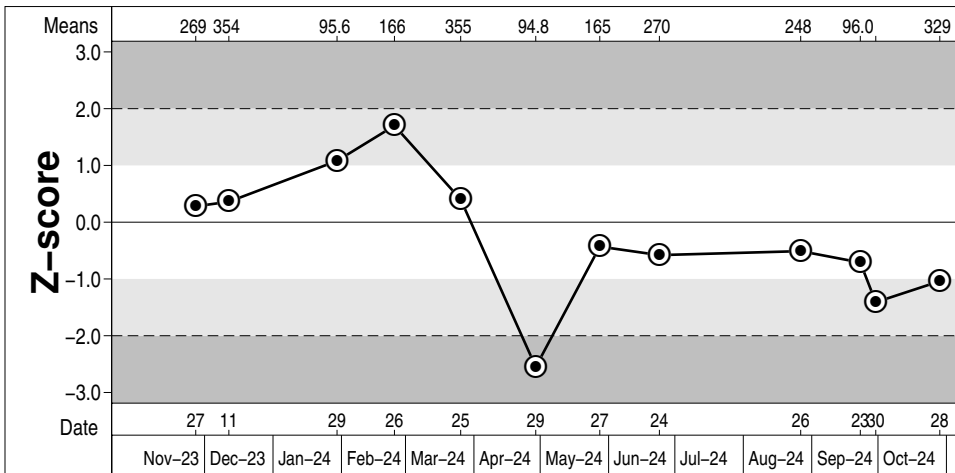
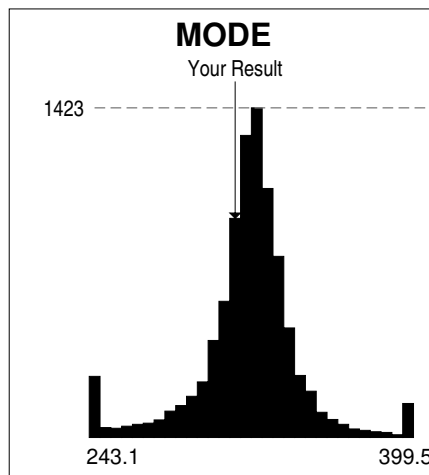
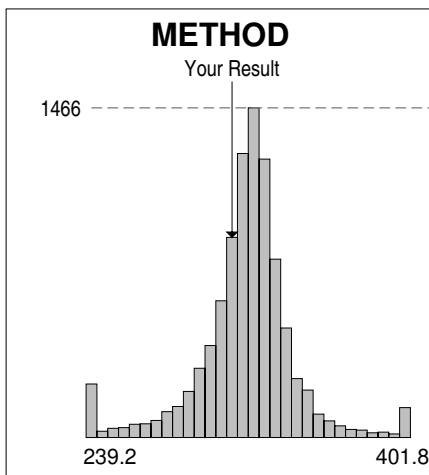
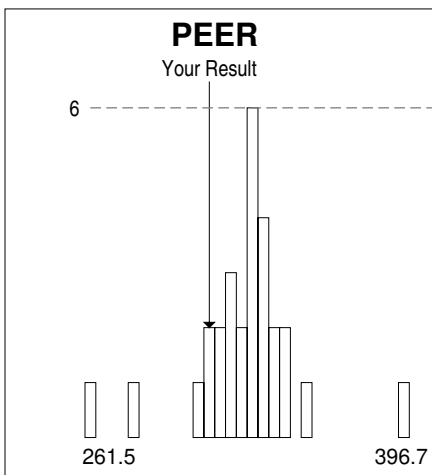
Your Result
315 mg/dL

- ◆ Your Mode
- Your Method
- Your Peer

Comparative Statistics

Your Deviation

	N	Mean	SD	CV	U ¹	Z-score	RMZ	%
Your Mode	9257	321	15.6	4.87	0.406	-0.40	-0.55	-1.97
Your Method	9433	321	16.3	5.07	0.419	-0.34	-0.48	-1.72
Your Peer	28	329	13.5	4.11	6.39	-1.04	-0.78	-4.28



	N	Mean	CV	U ¹
Roche cobas 6000/8000/c 311 Cholesterol oxidase, esterase, peroxidase Dedicated Reagent	1226	324	2.45	0.567
Beckman Coulter AU Series Cholesterol oxidase, esterase, peroxidase BC AU CHOL REF OSR6X16	852	327	4.05	1.14
VITROS Microslide Series Cholesterol oxidase, esterase, peroxidase VITROS Dry Slides Reagent Group	665	325	4.75	1.50
Roche cobas Integra / c 111 Cholesterol oxidase, esterase, peroxidase Dedicated Reagent	527	317	2.98	1.03
Mindray BS Series Cholesterol oxidase, esterase, peroxidase Dedicated Reagent	496	317	3.81	1.36
Roche cobas c 303/503 Cholesterol oxidase, esterase, peroxidase Roche CHOL2, REF 08057443	355	325	1.92	0.829
Abbott ARCHITECT (c, i, ci models) Cholesterol oxidase, esterase, peroxidase Abbott ARCH Chol2, REF 04S92	299	325	2.37	1.11
Siemens Dimension Series Cholesterol oxidase, esterase, peroxidase Dedicated Reagent	287	298	3.09	1.36
Abbott Alinity c Cholesterol oxidase, esterase, peroxidase Abbott Alinity c Chol2, REF 04T88	212	326	1.84	1.03

Cholesterol, Total 23 : 4
CYCLE SAMPLE



Lab 322942

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Creatine Kinase Report Clinical Chemistry (Monthly) Program

Cycle 23

Jul 2024 – Jul 2025
Sample No: 4
Sample Date: 28 Oct 24
Lot No: 212200



DiaSys Sys-200/Pro

Your Result
Unreportable

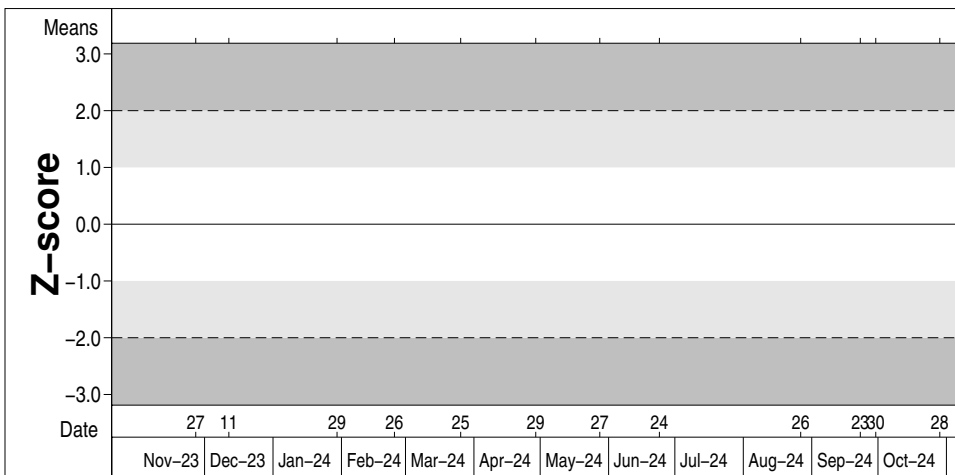
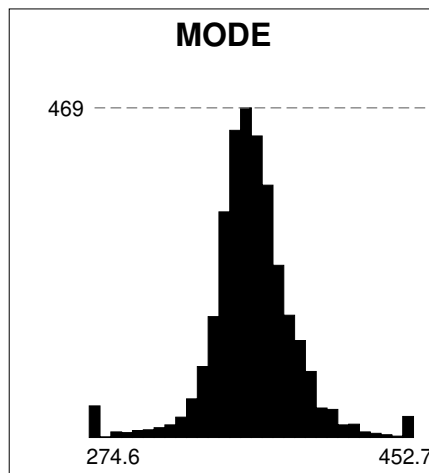
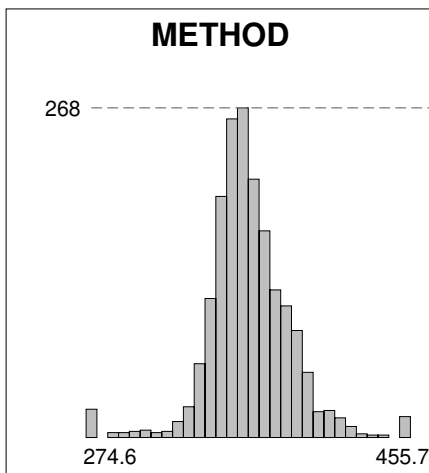
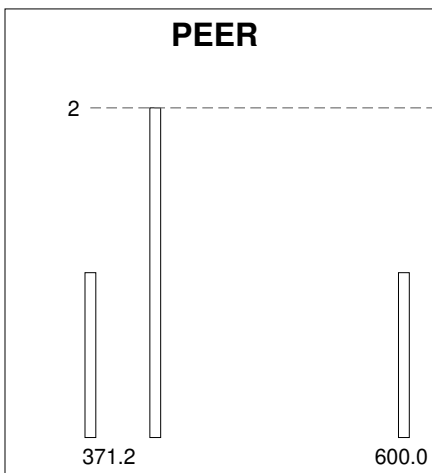
- Your Mode
- Your Method
- Your Peer

Comparative Statistics

N	Mean	SD	CV	U ¹
3303	364	17.8	4.90	0.775
1822	365	18.1	4.96	1.06
4	422	48.3	11.4	60.3

Your Deviation

Z-score	RMZ	%
		No comparison possible



N	Mean	CV	U ¹
Beckman Coulter AU Series			
NAC Activated – IFCC Ref. Proc., Calibrated			
BC AU CK REF OSR6X79			
464	383	3.66	1.63
VITROS Microslide Series			
NAC, Enzymatic-VITROS			
VITROS Dry Slides Reagent Group			
389	272	6.56	2.27
Roche cobas 6000/c 311			
NAC Activated – IFCC Ref. Proc., Calibrated			
Dedicated Reagent			
377	359	3.19	1.48
Roche cobas c 303/503			
NAC Activated – IFCC Ref. Proc., Calibrated			
Roche CK, REF 08057460			
259	359	2.44	1.36
Roche cobas 6000/c 311			
NAC activated			
Dedicated Reagent			
245	360	2.98	1.71
Abbott ARCHITECT/Alinity (c, i, ci ...			
NAC activated			
Abbott ARCH Creatine Kinase REF 7D63			
221	361	4.59	2.78
Abbott ARCHITECT/Alinity (c, i, ci ...			
NAC activated			
Abbott Alinity c CK, REF 08P42			
202	371	2.66	1.74
Roche cobas Integra / c 111			
NAC Activated – IFCC Ref. Proc., Calibrated			
Dedicated Reagent			
164	355	2.82	1.95
Siemens Atellica CH Analyzer			
NAC activated			
Siemens Atellica CH CK_L, REF 11097640			
163	353	2.68	1.85

Creatine Kinase 23 : 4
CYCLE SAMPLE



Lab 322942

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INDIA

Creatinine Report Clinical Chemistry (Monthly) Program

Cycle 23

Jul 2024 – Jul 2025

Sample No: 4

Sample Date: 28 Oct 24

Lot No: 212200



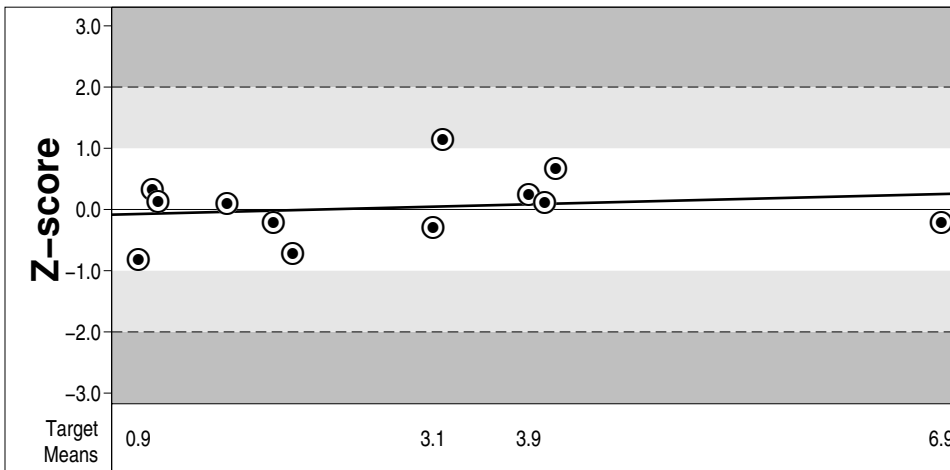
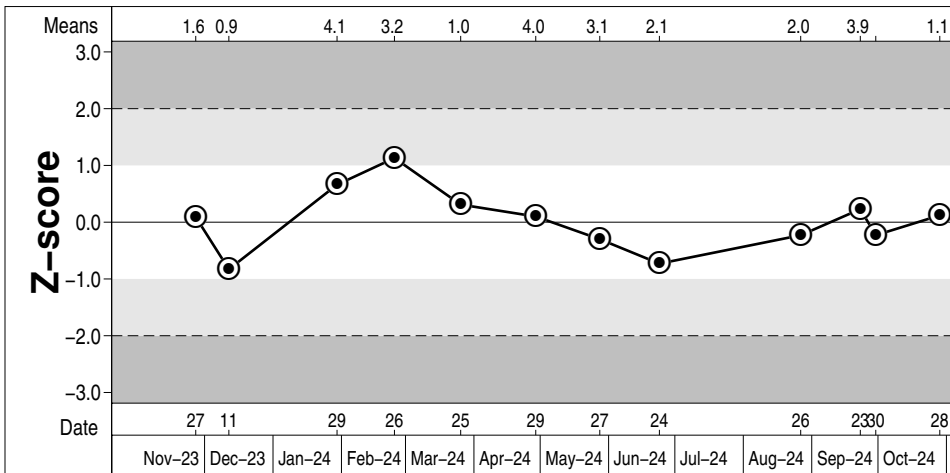
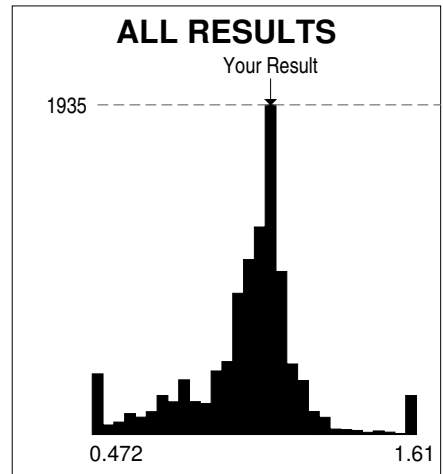
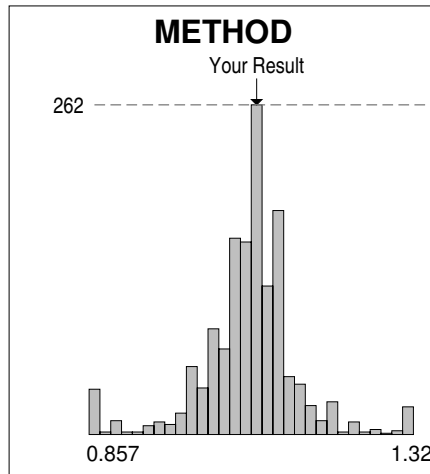
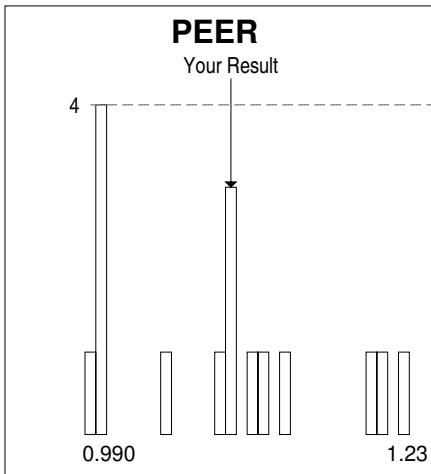
DiaSys Sys-200/Pro

Your Result
1.1 mg/dL

Comparative Statistics

Your Deviation

	N	Mean	SD	CV	U ¹	Z-score	RMZ	%
◆ All Results	10063	1.04	0.114	10.9	0.003	0.52	0.26	5.70
■ Your Method	1394	1.09	0.046	4.25	0.003	0.26	-0.60	1.12
● Your Peer	16	1.09	0.089	8.18	0.056	0.12	-0.19	0.948



	N	Mean	CV	U ¹
Roche cobas 6000/c 311 Alkaline picrate method, IFCC-IDMS Standardized Dedicated Reagent	700	1.07	5.05	0.005
Beckman Coulter AU Series Alkaline picrate method, IFCC-IDMS Standardized BC AU CREA REF OSR6X78	676	1.06	8.57	0.009
VITROS Microslide Series Enzymatic-VITROS, IFCC-IDMS Standardized VITROS Dry Slides Reagent Group	665	1.11	3.07	0.003
Mindray BS Series Enzymatic Mindray CREA (SOX) REF CRE020X/120X/220X	406	1.06	5.75	0.008
Roche cobas 6000/c 311 Enzymatic IFCC-IDMS Standardized Dedicated Reagent	370	1.11	3.03	0.004
Roche cobas Integra / c 111 Alkaline picrate method, IFCC-IDMS Standardized Dedicated Reagent	336	0.777	8.09	0.009
Siemens Dimension Series Alkaline picrate method, IFCC-IDMS Standardized Dedicated Reagent	276	0.998	6.25	0.009
Abbott ARCHITECT/Alinity (c, i, ci ... Alkaline picrate method, IFCC-IDMS Standardized Abbott ARCH Crea2, REF 04S95	259	1.05	4.70	0.008
Roche cobas Integra / c 111 Enzymatic IFCC-IDMS Standardized Dedicated Reagent	256	1.05	4.89	0.008

Creatinine 23 : 4
CYCLE SAMPLE



Lab 322942

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G-Glutamyltransferase Report Clinical Chemistry (Monthly) Program

Cycle 23

Jul 2024 – Jul 2025
Sample No: 4
Sample Date: 28 Oct 24
Lot No: 212200



DiaSys Sys-200/Pro

Your Result
Unreportable

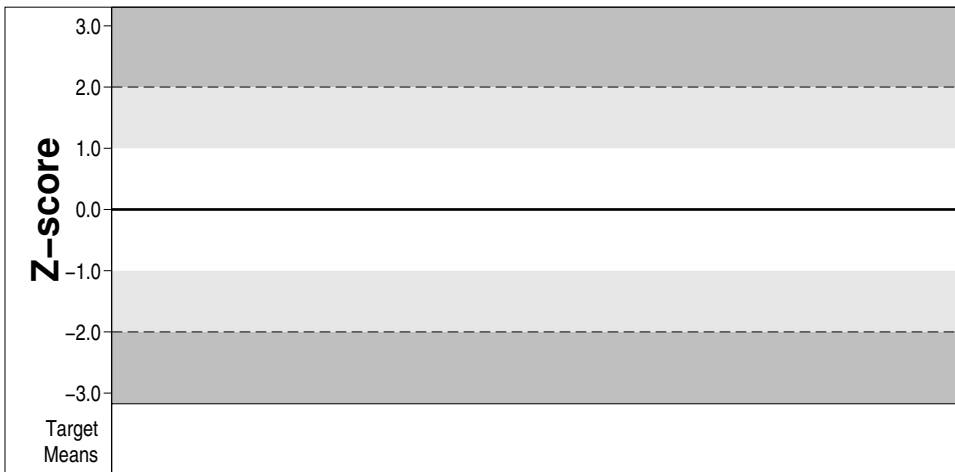
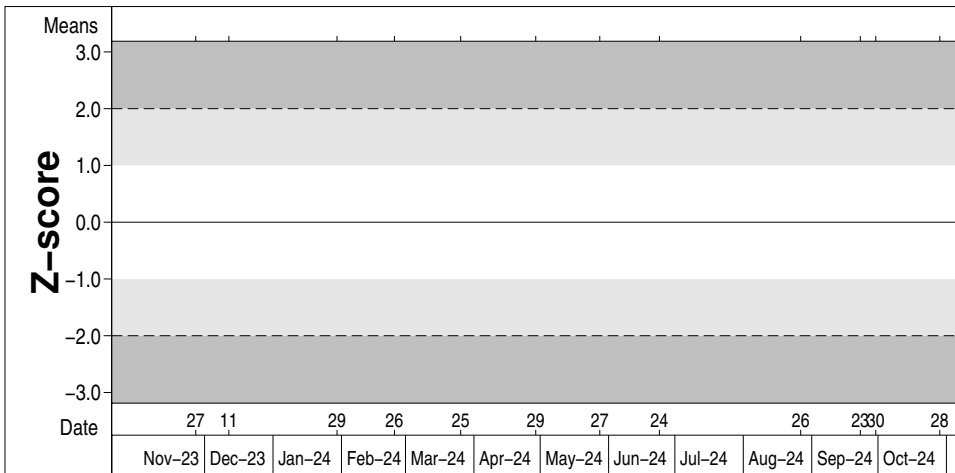
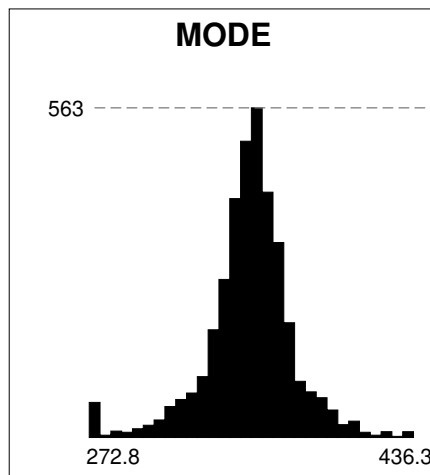
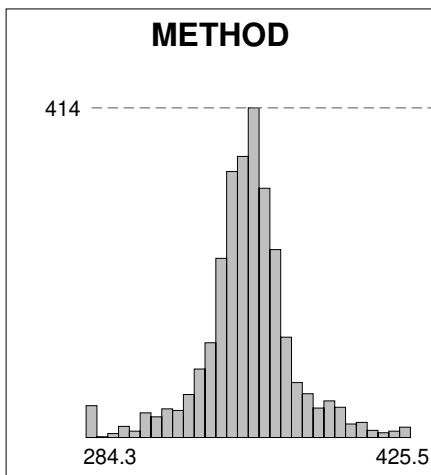
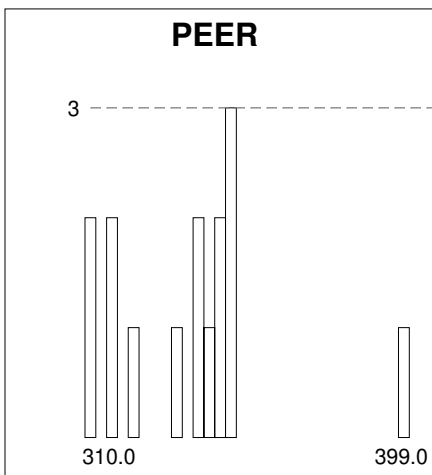
- Your Mode
- Your Method
- Your Peer

Comparative Statistics

N	Mean	SD	CV	U ¹
3699	355	16.3	4.61	0.672
2771	355	14.1	3.98	0.671
15	338	15.6	4.61	10.1

Your Deviation

Z-score	RMZ	%
		No comparison possible



	N	Mean	CV	U ¹
Roche cobas 6000/8000/c 311 G-glutamyl-carboxy-nitroanilide - IFCC Ref. P... IFCC Roche GGT	861	355	2.72	0.823
Beckman Coulter AU Series G-glutamyl-carboxy-nitroanilide - IFCC Ref. P... BC AU GGT REF OSR6X20	590	348	2.64	0.944
VITROS Microslide Series G-glutamyl-p-nitroanilide-VITROS VITROS Dry Slides Reagent Group	479	428	3.40	1.66
Roche cobas Integra / c 111 G-glutamyl-carboxy-nitroanilide - IFCC Ref. P... IFCC Roche GGT	289	359	2.66	1.40
Roche cobas c 303/503 G-glutamyl-carboxy-nitroanilide - IFCC Ref. P... IFCC Roche GGT	275	363	2.43	1.33
Siemens Dimension Series G-glutamyl-carboxy-nitroanilide Dedicated Reagent	170	401	3.22	2.47
Siemens Atellica CH Analyzer G-glutamyl-carboxy-nitroanilide Siemens Atellica CH GGT, REF 11097597	165	364	1.69	1.20
Abbott ARCHITECT/Alinity (c, i, ci ... G-glutamyl-carboxy-nitroanilide - IFCC Ref. P... Abbott Alinity c GGT2, REF 04T96 (Factored, l...	127	377	3.06	2.56
Abbott ARCHITECT/Alinity (c, i, ci ... G-glutamyl-carboxy-nitroanilide - IFCC Ref. P... Abbott ARCH GGT2, REF 04T00 (Factored, IFCC C...	122	386	4.43	3.86

G-Glutamyltransferase 23 : 4
CYCLE SAMPLE



Lab 322942

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INDIA

Glucose Report Clinical Chemistry (Monthly) Program

Cycle 23

Jul 2024 – Jul 2025
Sample No: 4
Sample Date: 28 Oct 24
Lot No: 212200



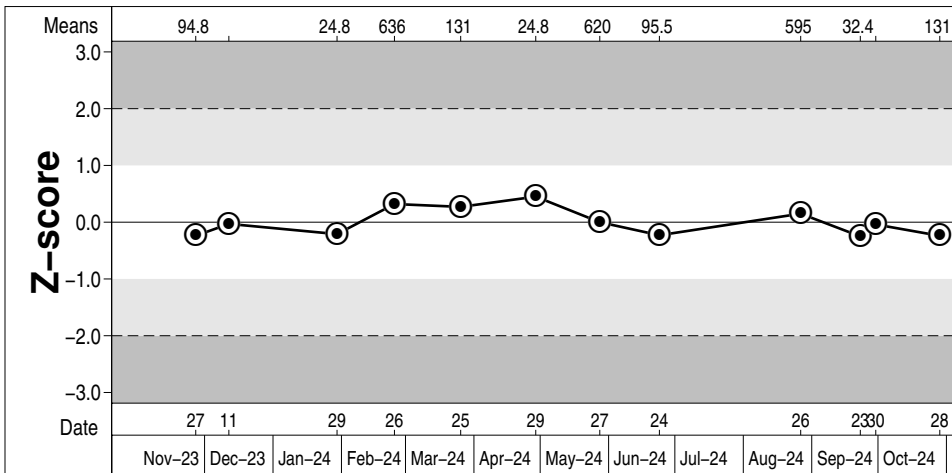
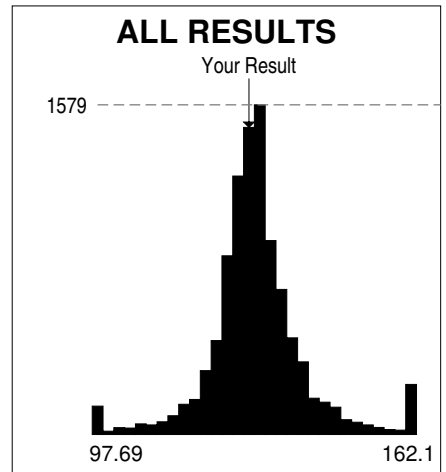
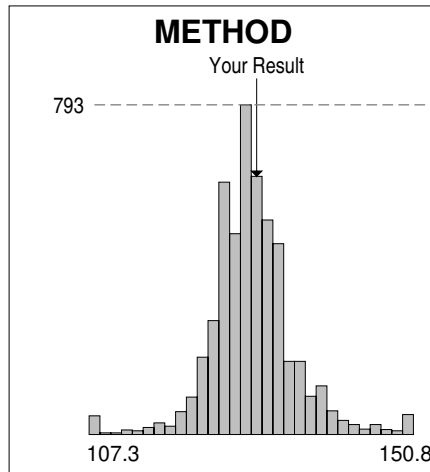
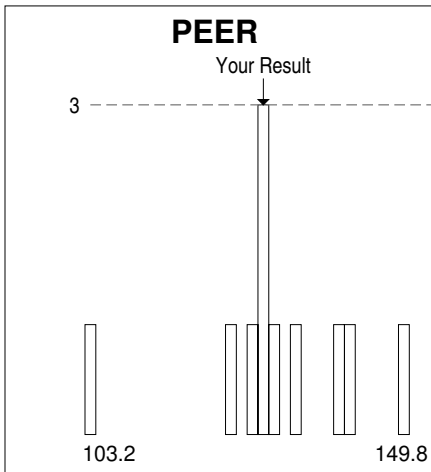
DiaSys Sys-200/Pro

Your Result
129.4 mg/dL

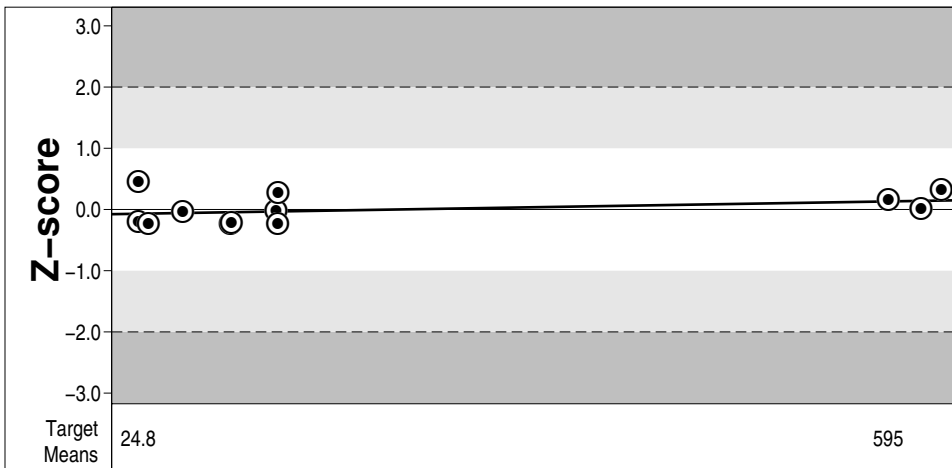
Comparative Statistics

Your Deviation

	N	Mean	SD	CV	U ¹	Z-score	RMZ	%
◆ All Results	10067	130	6.44	4.96	0.160	-0.08	0.04	-0.383
■ Your Method	5004	129	4.35	3.37	0.154	0.08	0.03	0.284
● Your Peer	11	131	5.84	4.47	4.40	-0.24	-0.10	-1.05



	N	Mean	CV	U ¹
Roche cobas 6000/8000/c 311 Hexokinase Dedicated Reagent	1279	130	2.31	0.210
Beckman Coulter AU Series Hexokinase BC AU GLUC REF OSR6X21	961	127	2.52	0.258
VITROS Microslide Series Glucose oxidase, hydrogen peroxide (Trinder) VITROS Dry Slides Reagent Group	700	134	2.31	0.293
Roche cobas Integra / c 111 Hexokinase Dedicated Reagent	550	131	2.67	0.373
Mindray BS Series Glucose oxidase, hydrogen peroxide (Trinder) Mindray Glu (GOD) REF GLU010X/110X	414	129	4.07	0.643
Abbott ARCHITECT/Alinity (c, i, ci ... Hexokinase Abbott ARCH Glucose REF 3L82	400	127	2.19	0.347
Roche cobas c 303/503 Hexokinase Roche GLUC3, REF 08057800	380	130	1.75	0.292
Siemens Dimension Series Hexokinase Dedicated Reagent	323	138	2.85	0.549
Abbott ARCHITECT/Alinity (c, i, ci ... Hexokinase Abbott Alinity c Glucose, REF 07P55	302	127	1.70	0.310



Glucose 23 : 4
CYCLE SAMPLE



Lab 322942

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INDIA

LDH Report Clinical Chemistry (Monthly) Program

Cycle 23

Jul 2024 – Jul 2025
Sample No: 4
Sample Date: 28 Oct 24
Lot No: 212200



DiaSys Sys-200/Pro

Your Result
Unreportable

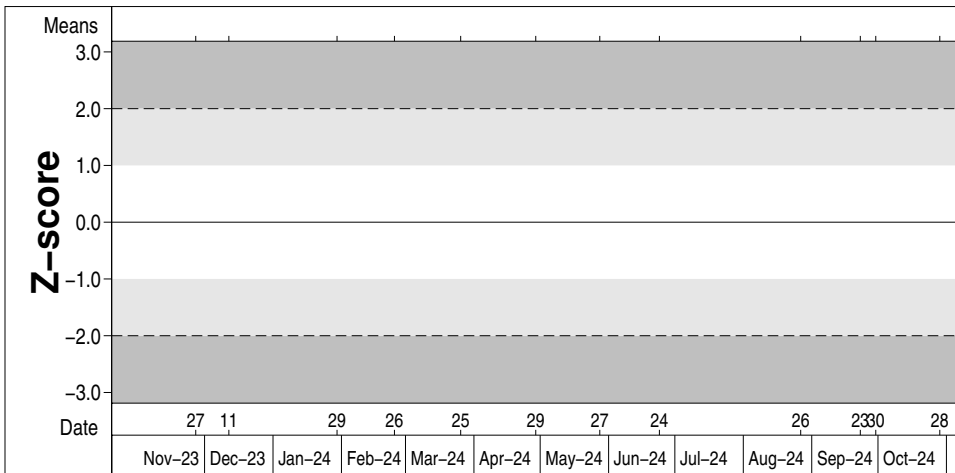
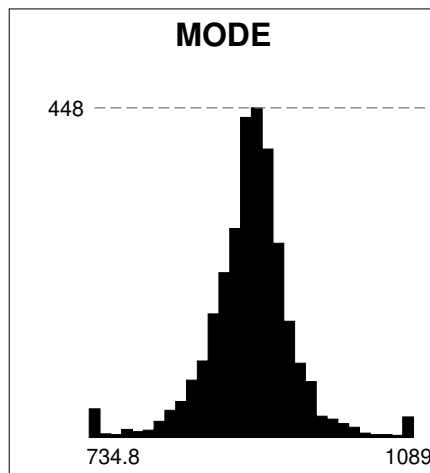
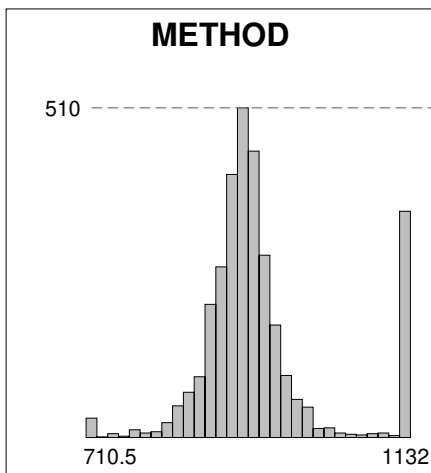
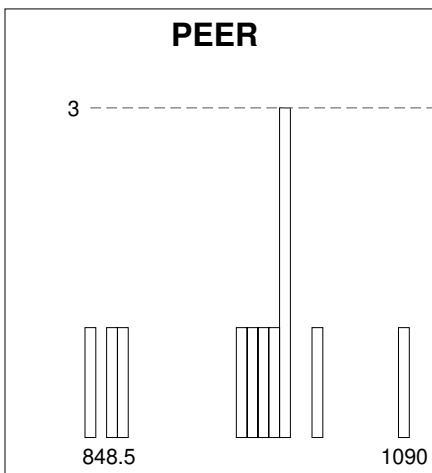
- Your Mode
- Your Method
- Your Peer

Comparative Statistics

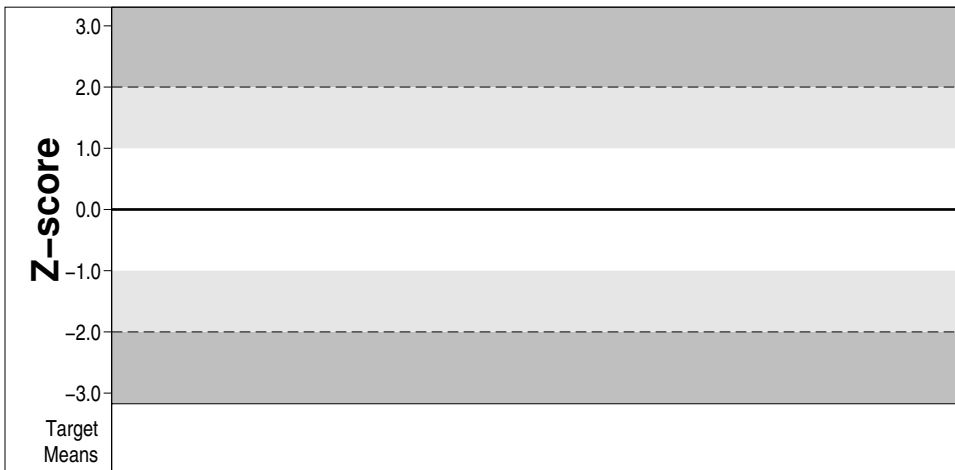
N	Mean	SD	CV	U ¹
3048	912	35.4	3.88	1.60
3202	921	42.1	4.57	1.86
12	983	26.9	2.73	19.4

Your Deviation

Z-score	RMZ	%
		No comparison possible



	N	Mean	CV	U ¹
Roche cobas 6000/8000/c 311 L to P – IFCC Ref. Proc., Calibrated Dedicated Reagent	731	918	2.32	1.97
Beckman Coulter AU Series L to P – IFCC Ref. Proc., Calibrated BC AU LDH REF OSR6X28	508	897	4.23	4.21
VITROS Microslide Series L to P – IFCC Ref. Proc., Calibrated VITROS Dry Slides Reagent Group	427	1208	6.21	9.08
Roche cobas c 303/503 L to P – IFCC Ref. Proc., Calibrated Roche LDH12, REF 08057958	301	924	2.08	2.77
Roche cobas Integra / c 111 L to P – IFCC Ref. Proc., Calibrated Dedicated Reagent	236	910	2.74	4.06
Siemens Atellica CH Analyzer L to P – IFCC Ref. Proc., Calibrated Siemens Atellica CH LDLP, REF 11097594	167	949	2.26	4.16
Abbott ARCHITECT/Alinity (c, i, ci ... L to P – IFCC Ref. Proc., Calibrated Abbott ARCHITECT LDH REF 2P56 (Factored, IFCC...)	127	906	4.57	9.19
Abbott ARCHITECT/Alinity (c, i, ci ... L to P – IFCC Ref. Proc., Calibrated Abbott Alinity c LDH2, REF 04T99 (Factored, L...)	100	896	2.85	6.39
Abbott ARCHITECT/Alinity (c, i, ci ... L to P – IFCC Ref. Proc., Calibrated Abbott ARCH LDH2, REF 04T03 (Factored, IFCC C...)	97	884	3.49	7.83



LDH 23 : 4
CYCLE SAMPLE



Lab 322942

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INDIA

Lipase Report Clinical Chemistry (Monthly) Program

Cycle 23

Jul 2024 – Jul 2025
Sample No: 4
Sample Date: 28 Oct 24
Lot No: 212200



DiaSys Sys-200/Pro

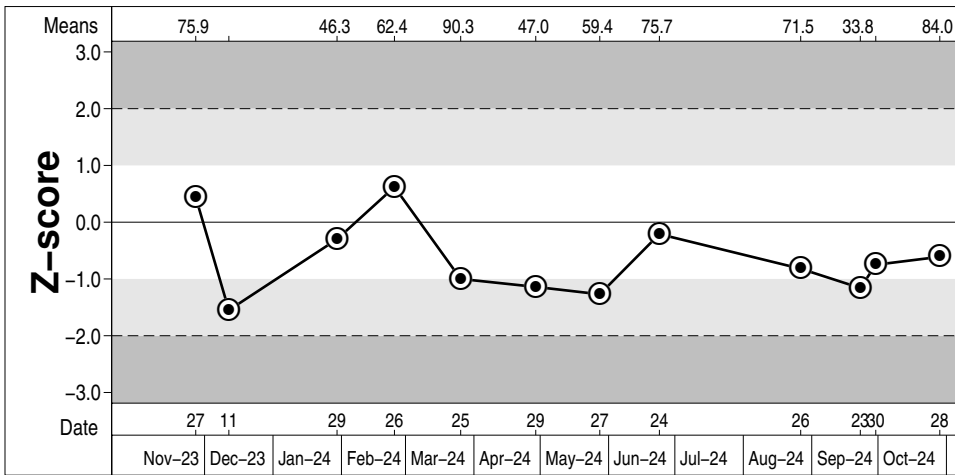
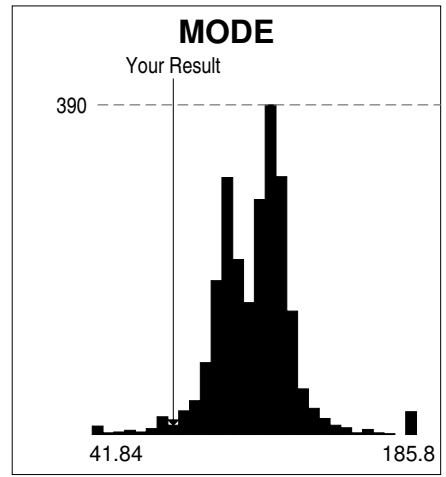
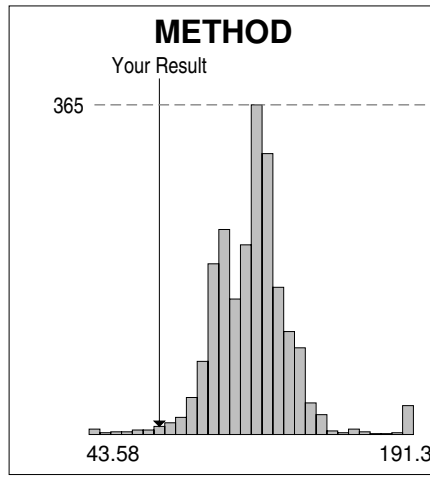
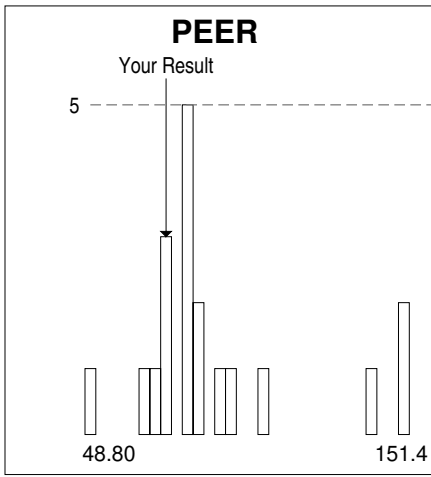
Your Result
75.8 U/L

- ◆ Your Mode
- Your Method
- Your Peer

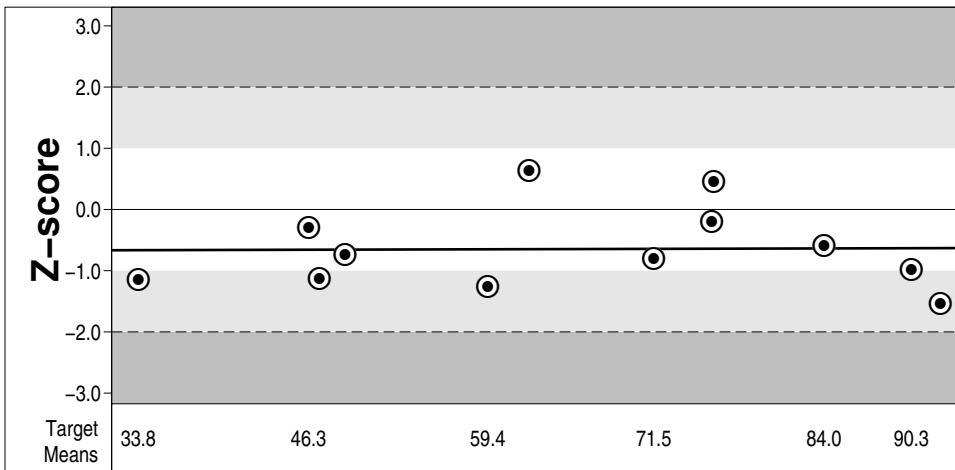
Comparative Statistics

	N	Mean	SD	CV	U ¹	Z-score	RMZ	%
Your Mode	2342	114	14.4	12.6	0.744	-2.64	-3.50	-33.4
Your Method	2118	117	14.8	12.6	0.803	-2.82	-3.48	-35.5
Your Peer	19	84.0	13.5	16.1	7.73	-0.61	-0.80	-9.71

Your Deviation



	N	Mean	CV	U ¹
VITROS Microslide Series Enzymatic with colipase-VITROS VITROS Dry Slides Reagent Group	425	1360	3.04	5.02
Roche cobas 6000/8000/c 311 Enzymatic, colorimetric Dedicated Reagent	416	124	5.49	0.834
Beckman Coulter AU Series Enzymatic, colorimetric BC AU LIP REF OSR6X30	389	103	4.96	0.650
Roche cobas c 303/503 Enzymatic, colorimetric Roche LIP, REF 08057982	237	120	3.94	0.768
Abbott ARCHITECT/Alinity (c, i, ci ... Enzymatic with colipase Abbott ARCHITECT Lipase, REF 7D80	185	100	4.96	0.914
Roche cobas Integra / c 111 Enzymatic, colorimetric Dedicated Reagent	163	110	9.77	2.11
Roche cobas 6000/8000/c 311 Enzymatic, colorimetric Roche Lipase ACN 789/8789/786/8786 high	161	123	3.67	0.891
Siemens Atellica CH Analyzer Enzymatic, colorimetric Siemens Atellica CH Lip, REF 11097606	124	138	3.54	1.10
Abbott ARCHITECT/Alinity (c, i, ci ... Enzymatic, colorimetric Sentinel Lipase REF 04Y85	93	123	6.85	2.18



Lipase 23 : 4
CYCLE SAMPLE



Lab 322942

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INDIA

Magnesium Report Clinical Chemistry (Monthly) Program

Cycle 23

Jul 2024 – Jul 2025
Sample No: 4
Sample Date: 28 Oct 24
Lot No: 212200



DiaSys Sys-200/Pro

Your Result
Unreportable

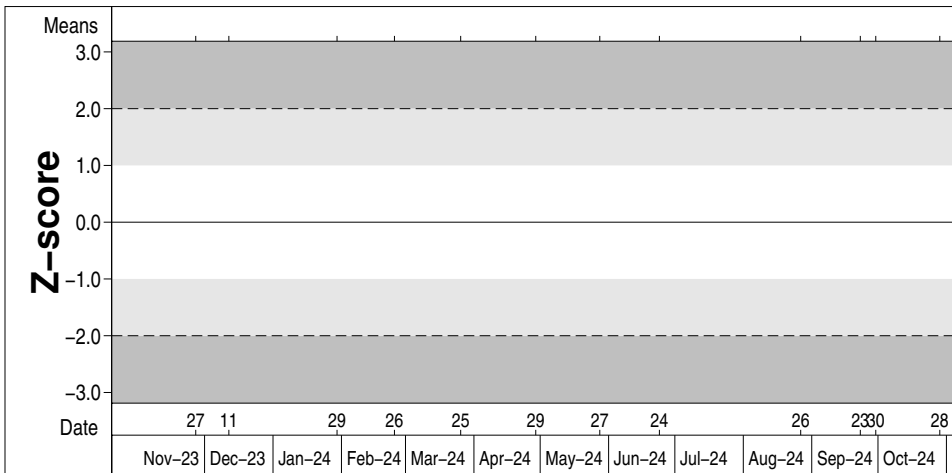
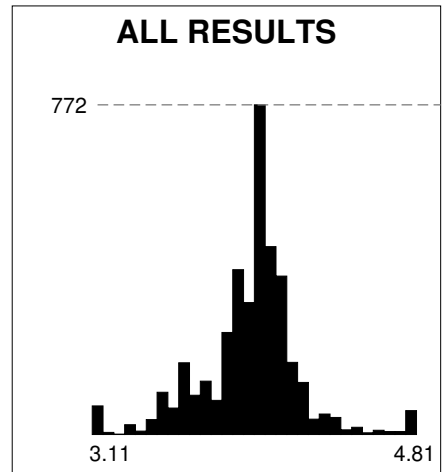
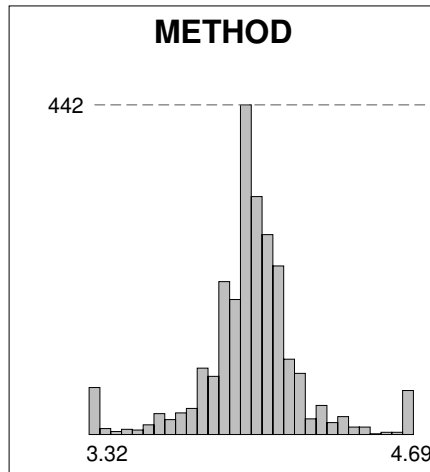
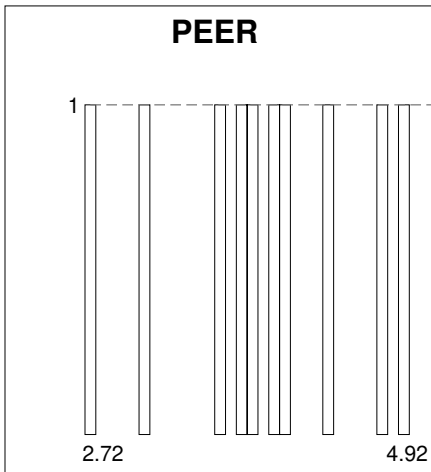
- All Results
- Your Method
- Your Peer

Comparative Statistics

N	Mean	SD	CV	U ¹
3806	3.96	0.170	4.30	0.007
2388	4.00	0.137	3.41	0.007
10	3.95	0.633	16.0	0.500

Your Deviation

Z-score	RMZ	%
		No comparison possible



N	Mean	CV	U ¹
Beckman Coulter AU Series			
Xylidyl blue			
BC AU MG REF OSR6189			
553	3.98	3.03	0.013
Roche cobas 6000/c 311			
Xylidyl blue			
Dedicated Reagent			
551	4.01	2.29	0.010
VITROS Microslide Series			
Formazan dye			
VITROS Dry Slides Reagent Group			
432	3.59	3.10	0.013
Roche cobas c 303/503			
Xylidyl blue			
Roche MG2, REF 08058016			
311	4.03	1.88	0.011
Abbott ARCHITECT/Alinity (c, i, ci ...			
Enzymatic			
Abbott Alinity c Magnesium, REF 08P19			
226	4.00	3.13	0.021
Abbott ARCHITECT/Alinity (c, i, ci ...			
Enzymatic			
Abbott ARCH MAG REF 03P68			
210	3.93	2.88	0.020
Siemens Atellica CH Analyzer			
Xylidyl blue			
Siemens Atellica CH Mg, REF 11097612			
171	4.09	2.91	0.023
Roche cobas 8000			
Xylidyl blue			
Dedicated Reagent			
168	4.01	2.08	0.016
Siemens Dimension Series			
Methylthymol blue			
Dedicated Reagent			
133	3.90	4.23	0.036

Magnesium 23 : 4
CYCLE SAMPLE



Lab 322942

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INDIA

Phosphorus Report Clinical Chemistry (Monthly) Program

Cycle 23

Jul 2024 – Jul 2025
Sample No: 4
Sample Date: 28 Oct 24
Lot No: 212200



DiaSys Sys-200/Pro

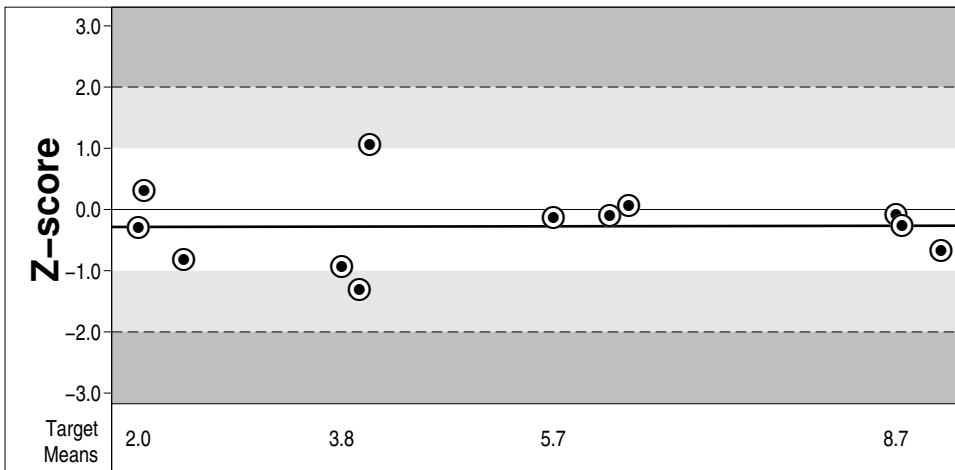
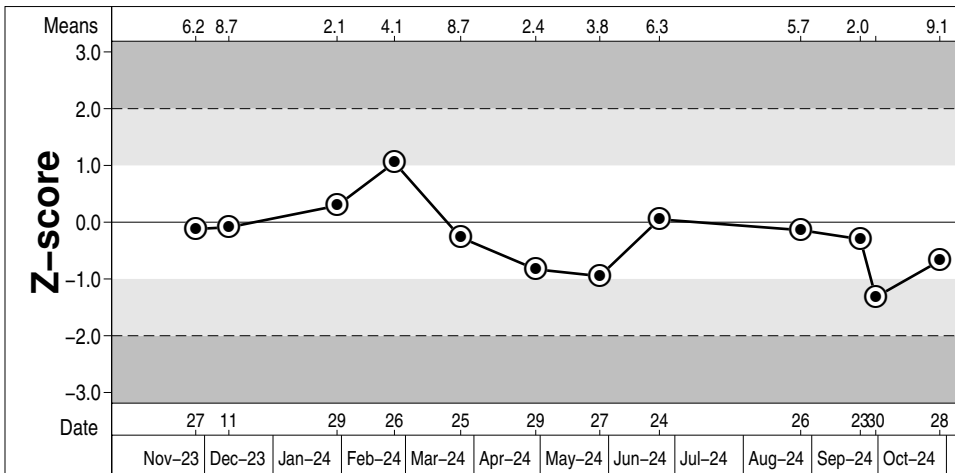
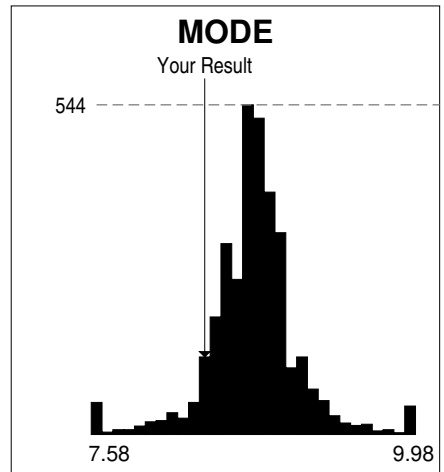
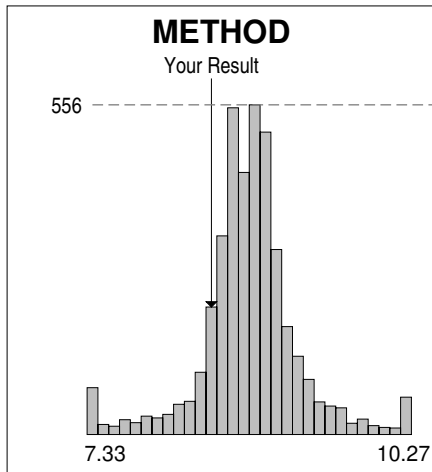
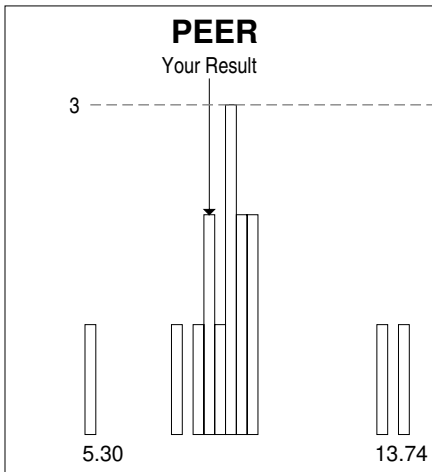
Your Result
8.44 mg/dL

- ◆ Your Mode
- Your Method
- Your Peer

Comparative Statistics

	N	Mean	SD	CV	U ¹	Z-score	RMZ	%
Your Mode	3451	8.78	0.240	2.74	0.010	-1.41	-1.32	-3.87
Your Method	4079	8.80	0.294	3.34	0.012	-1.22	-1.25	-4.08
Your Peer	15	9.07	0.934	10.3	0.603	-0.68	-0.56	-6.96

Your Deviation



	N	Mean	CV	U ¹
Roche cobas 6000/8000/c 311 Phosphomolybdate method Dedicated Reagent	961	8.78	2.17	0.015
Beckman Coulter AU Series Phosphomolybdate method BC AU IN PHOS REF OSR6X22	742	8.73	2.76	0.022
VITROS Microslide Series Phosphomolybdate reduction-VITROS VITROS Dry Slides Reagent Group	506	9.10	3.41	0.034
Roche cobas c 303/503 Phosphomolybdate method Roche PHOS2, REF 08058610	330	8.79	1.82	0.022
Roche cobas Integra / c 111 Phosphomolybdate method Dedicated Reagent	277	8.92	2.41	0.032
Abbott ARCHITECT/Alinity (c, i, ci ... Phosphomolybdate method Abbott ARCH Phosphorus 7D71	223	8.64	2.26	0.033
Abbott ARCHITECT/Alinity (c, i, ci ... Phosphomolybdate method Abbott Alinity c Phosphorus, REF 08P40	191	8.67	2.29	0.036
Siemens Atellica CH Analyzer Phosphomolybdate method Siemens Atellica CH IP, REF 11097611	189	8.83	2.57	0.041
Siemens Dimension Series Phosphomolybdate method Siemens Dimension PHOS, DF61A	140	9.04	3.05	0.058

Phosphorus 23 : 4
CYCLE SAMPLE



Lab 322942

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INDIA

Protein, Total Report Clinical Chemistry (Monthly) Program

Cycle 23

Jul 2024 – Jul 2025

Sample No: 4

Sample Date: 28 Oct 24

Lot No: 212200



DiaSys Sys-200/Pro

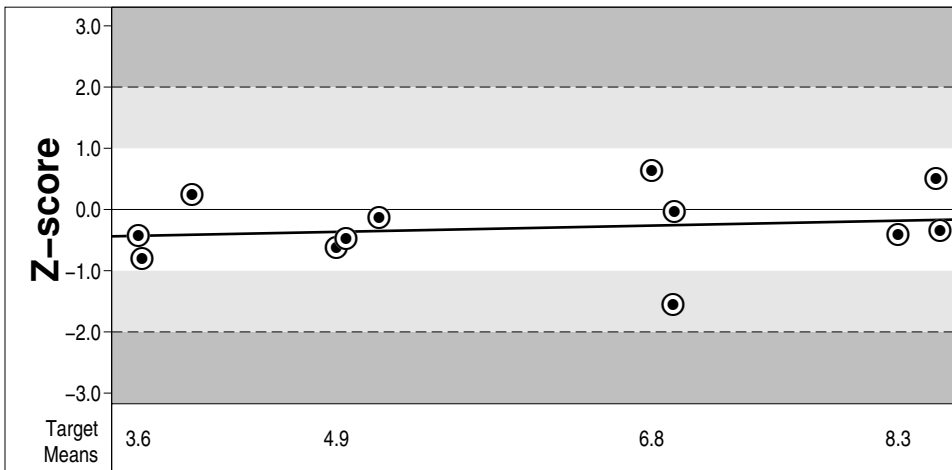
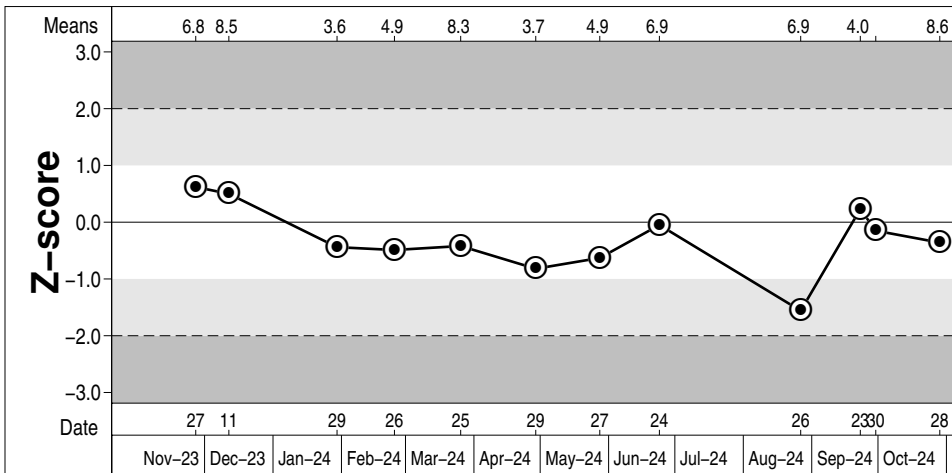
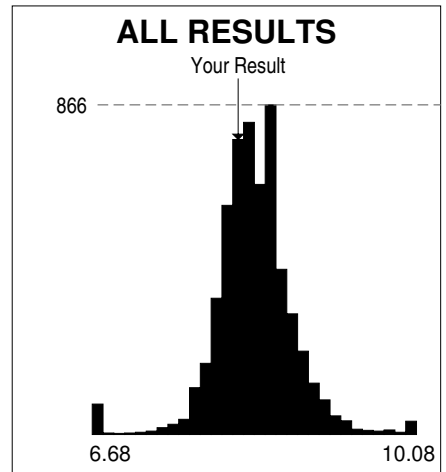
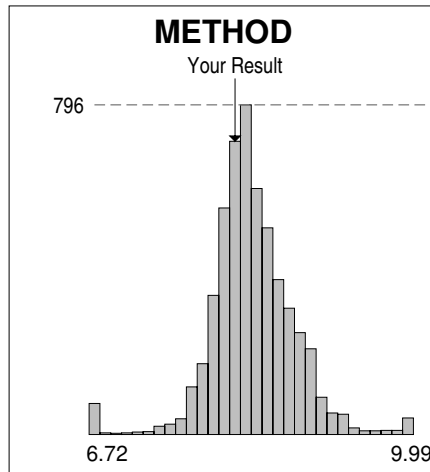
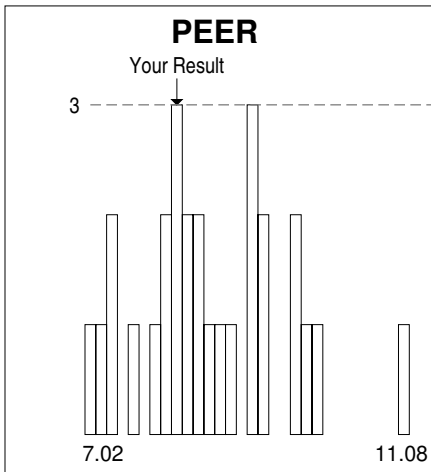
Your Result
8.22 g/dL

- ◆ All Results
- Your Method
- Your Peer

Comparative Statistics

Your Deviation

	N	Mean	SD	CV	U ¹	Z-score	RMZ	%
All Results	5947	8.38	0.340	4.05	0.011	-0.47	0.38	-1.89
Your Method	5365	8.35	0.327	3.91	0.011	-0.41	0.32	-1.59
Your Peer	28	8.56	0.950	11.1	0.449	-0.36	-0.42	-3.97



	N	Mean	CV	U ¹
Roche cobas 6000/8000/c 311 Biuret method Dedicated Reagent	1138	8.20	1.96	0.012
Beckman Coulter AU Series Biuret method BC AU TP REF OSR6X32	944	8.25	2.32	0.016
VITROS Microslide Series Biuret, no serum blank, end point-VITROS VITROS Dry Slides Reagent Group	574	8.56	2.62	0.023
Roche cobas c 303/503 Biuret method Roche TP2, REF 08058652	354	8.24	1.49	0.016
Roche cobas Integra / c 111 Biuret method Dedicated Reagent	289	7.96	2.53	0.030
Siemens Dimension Series Biuret method Dedicated Reagent	282	8.59	1.99	0.025
Abbott ARCHITECT/Alinity (c, i, ci ... Biuret method Abbott ARCH TPRO2, REF 04U44	249	8.79	1.79	0.025
Mindray BS Series Biuret method Dedicated Reagent	209	8.65	3.72	0.056
Abbott ARCHITECT/Alinity (c, i, ci ... Biuret method Abbott Alinity c TPRO2, REF 04T81	208	8.59	1.84	0.027

Protein, Total 23 : 4
CYCLE SAMPLE



Lab 322942

CH SUNDER NAGAR
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INDIA

Triglycerides Report Clinical Chemistry (Monthly) Program

Cycle 23

Jul 2024 – Jul 2025
Sample No: 4
Sample Date: 28 Oct 24
Lot No: 212200



DiaSys Sys-200/Pro

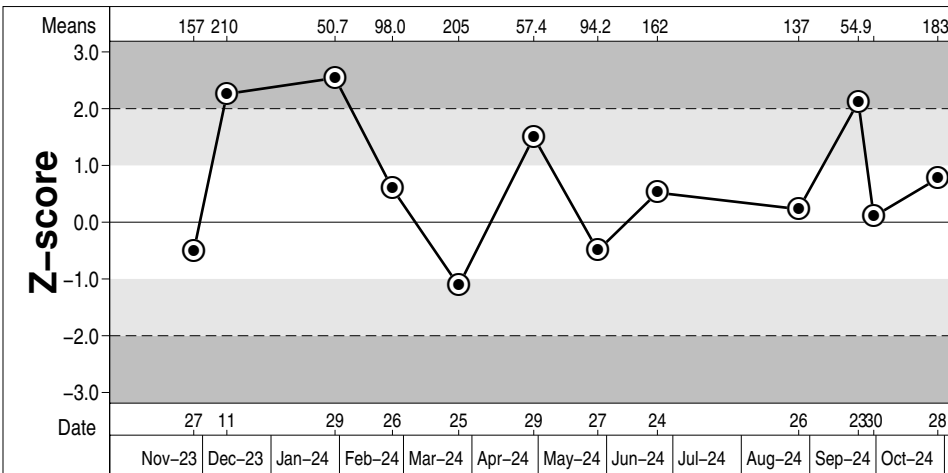
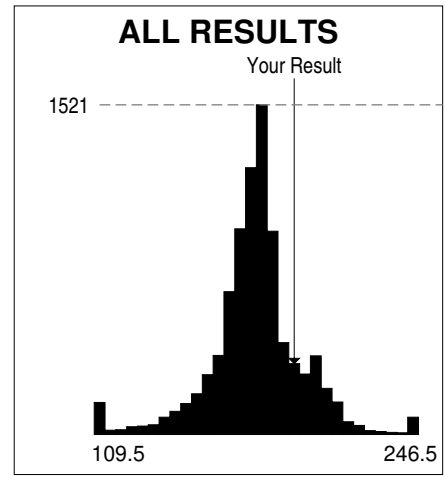
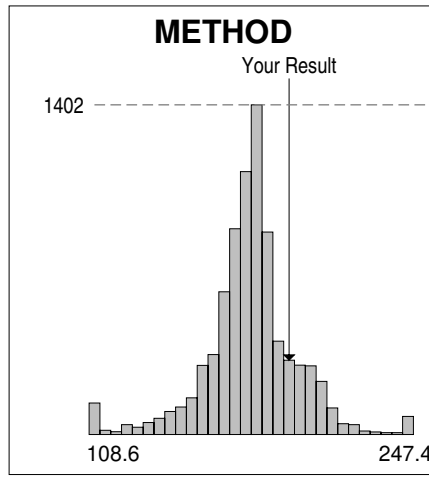
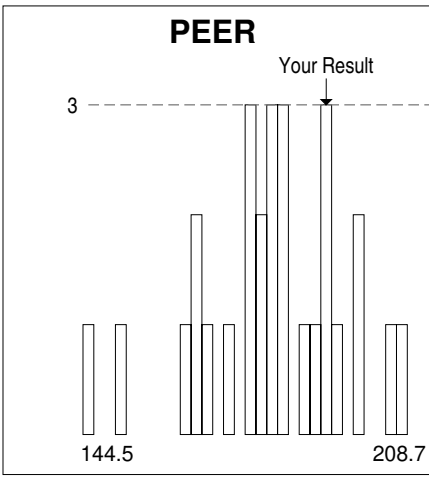
Your Result
192.9 mg/dL

- ◆ All Results
- Your Method
- Your Peer

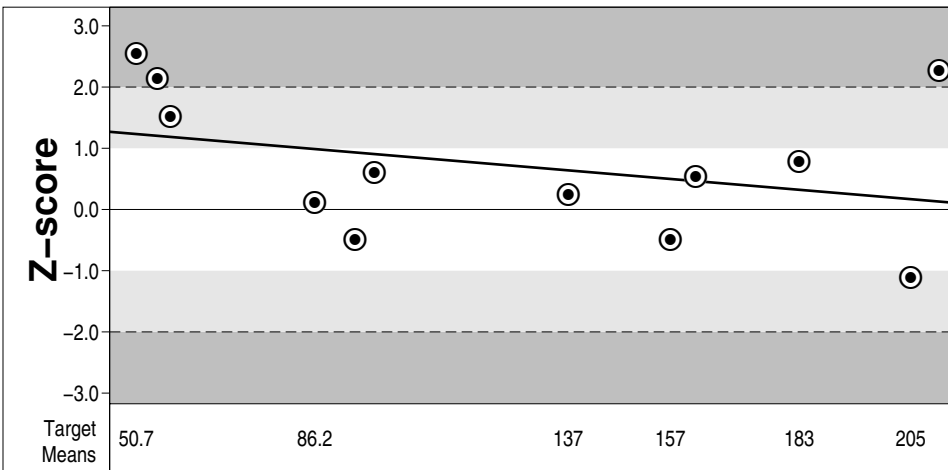
Comparative Statistics

	N	Mean	SD	CV	U ¹	Z-score	RMZ	%
All Results	8754	178	13.7	7.70	0.366	1.09	0.94	8.39
Your Method	8071	178	13.9	7.80	0.386	1.07	0.94	8.38
Your Peer	28	183	13.5	7.41	6.39	0.77	0.54	5.68

Your Deviation



	N	Mean	CV	U ¹
Beckman Coulter AU Series Enzymatic, end point BC AU TRIG REF OSR6X118	897	180	3.59	0.539
Roche cobas 6000/c 311 Enzymatic, end point Dedicated Reagent	811	180	2.39	0.377
VITROS Microslide Series Enzymatic, end point VITROS Dry Slides Reagent Group	596	205	3.05	0.641
Mindray BS Series Enzymatic, end point Dedicated Reagent	403	171	4.86	1.04
Roche cobas Integra / c 111 Enzymatic, end point Dedicated Reagent	393	174	2.91	0.638
Roche cobas c 303/503 Enzymatic, end point Roche TRIGL, REF 08058687	358	180	1.94	0.461
Siemens Dimension Series Enzymatic, end point Dedicated Reagent	308	184	3.05	0.799
Abbott ARCHITECT/Alinity (c, i, ci ...) Enzymatic, end point Abbott ARCH Trig2, REF 04T10	206	170	3.36	0.994
Roche cobas 6000/c 311 Enzymatic with glycerol blank Dedicated Reagent	192	180	2.67	0.866



Triglycerides 23 : 4
CYCLE SAMPLE



Lab 322942

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HIMACHAL PRADESH HIMACHAL PRADESH 17501
INDIA

UIBC Report Clinical Chemistry (Monthly) Program

Cycle 23

Jul 2024 – Jul 2025
Sample No: 4
Sample Date: 28 Oct 24
Lot No: 212200



DiaSys Sys-200/Pro

Your Result
Unreportable

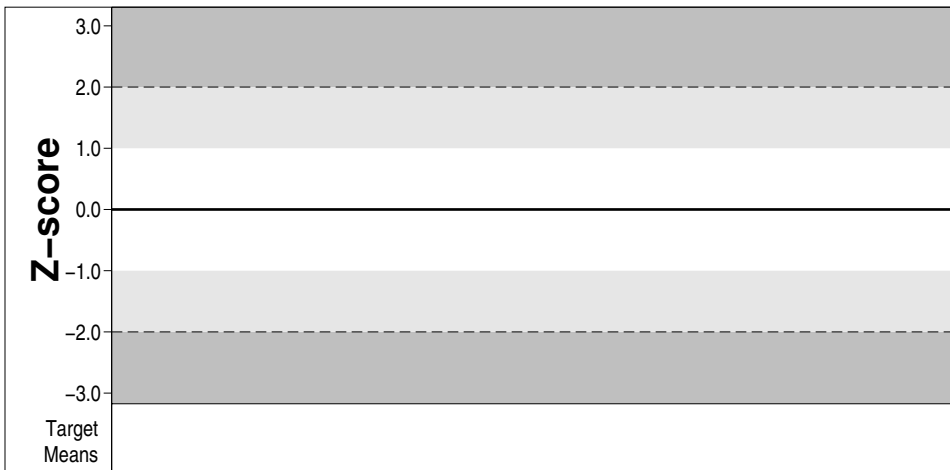
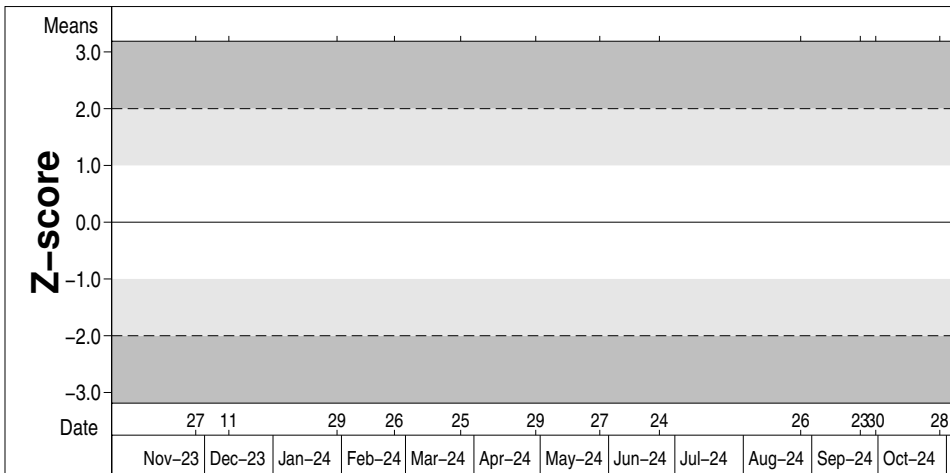
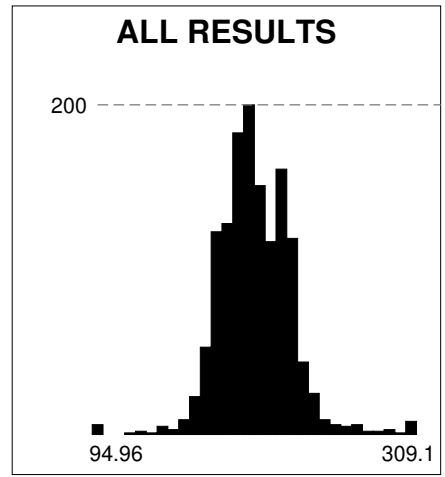
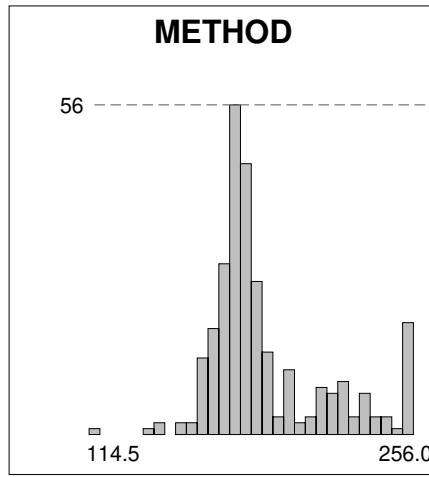
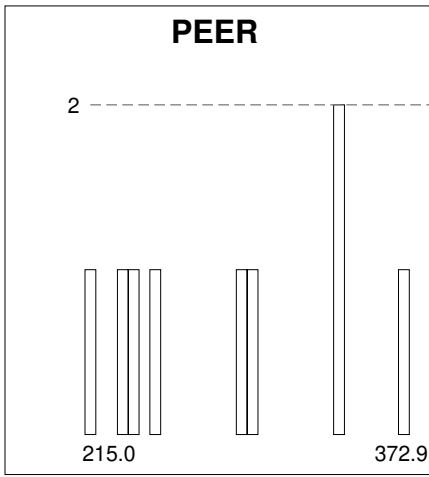
- All Results
- Your Method
- Your Peer

Comparative Statistics

N	Mean	SD	CV	U ¹
1394	202	21.4	10.6	1.43
287	185	14.2	7.64	2.09
9	286	62.5	21.9	52.1

Your Deviation

Z-score	RMZ	%
No comparison possible		



	N	Mean	CV	U ¹
Beckman Coulter AU Series Nitroso-PSAP BC AU UIBC REF OSR61205	383	221	3.74	1.06
Roche cobas 6000/c 311 Ferrozine Dedicated Reagent	265	193	5.92	1.76
Roche cobas c 303/503 Ferrozine Roche UIBC, REF 08058776	143	201	3.13	1.32
Abbott ARCHITECT/Alinity (c, i, ci ... Ferene Abbott Alinity c UIBC, REF 08P44	119	179	4.26	1.75
Roche cobas 8000 Ferrozine Dedicated Reagent	83	192	6.02	3.18
Roche cobas Integra / c 111 Ferrozine Dedicated Reagent	73	198	5.23	3.03
Abbott ARCHITECT/Alinity (c, i, ci ... Ferene Sentinel UIBC REF 4R29	67	181	3.39	1.87
Archem Diagnostic BM400 Ferrozine Dedicated Reagent	24	189	7.11	6.85
Siemens Dimension Series Calculated Dedicated Reagent	18	208	10.8	13.2

UIBC
23 : 4
CYCLE SAMPLE



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Urea Report Clinical Chemistry (Monthly) Program

Cycle 23

Jul 2024 – Jul 2025
Sample No: 4
Sample Date: 28 Oct 24
Lot No: 212200



DiaSys Sys-200/Pro

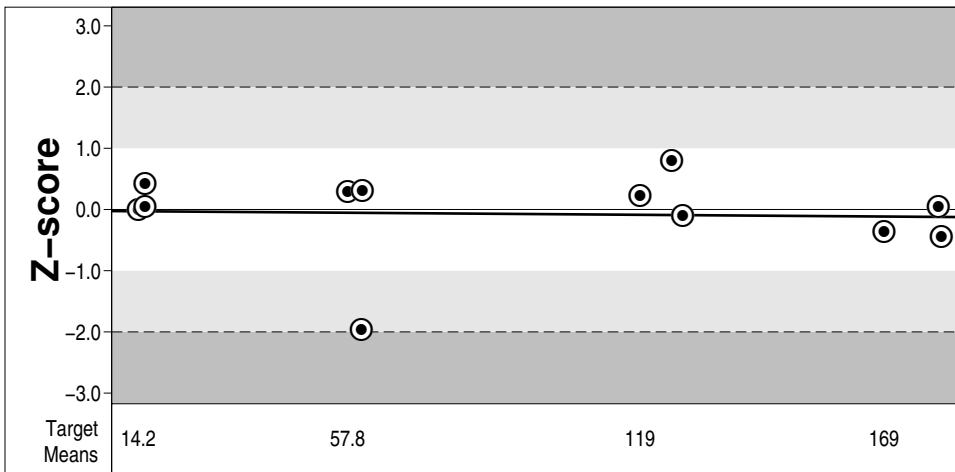
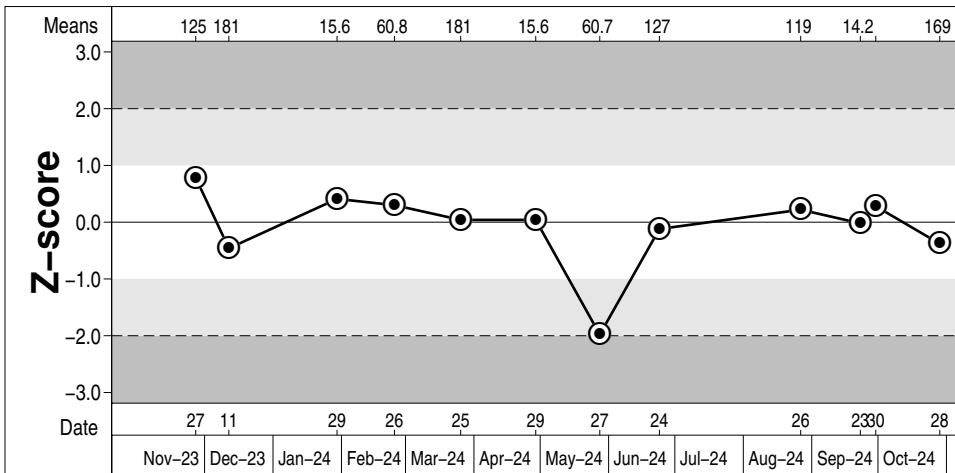
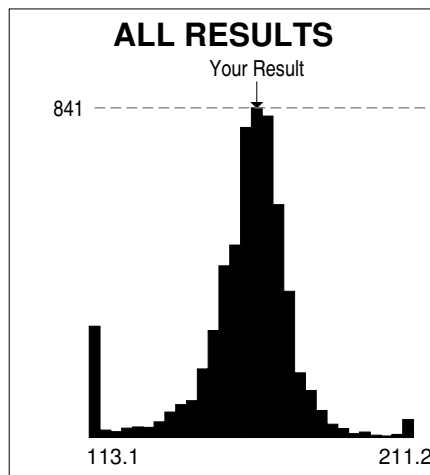
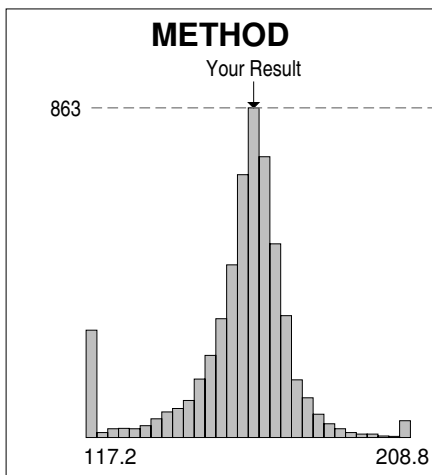
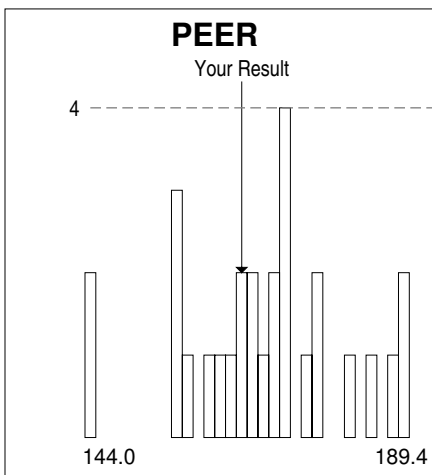
Your Result
165.3 mg/dL

- ◆ All Results
- Your Method
- Your Peer

Comparative Statistics

	N	Mean	SD	CV	U ¹	Z-score	RMZ	%
All Results	5973	162	9.81	6.05	0.317	0.32	0.49	1.94
Your Method	5384	163	9.16	5.62	0.312	0.25	0.47	1.42
Your Peer	28	169	10.7	6.34	5.07	-0.38	-0.33	-2.41

Your Deviation



	N	Mean	CV	U ¹
Roche cobas 6000/c 311 Urease, UV Dedicated Reagent	805	165	3.22	0.467
Beckman Coulter AU Series Urease, UV BC AU UREA REF OSR6X34	715	164	3.47	0.533
Roche cobas Integra / c 111 Urease, UV Dedicated Reagent	409	161	4.27	0.850
Mindray BS Series Urease, UV Dedicated Reagent	383	166	4.55	0.962
VITROS Microslide Series Urease, colorimetric VITROS Dry Slides Reagent Group	375	154	2.47	0.492
Roche cobas c 303/503 Urease, UV Roche UREAL, REF 08058806	312	163	3.27	0.752
Abbott ARCHITECT/Alinity (c, i, ci ... Urease, UV Abbott ARCH Urea/Urea Nitrogen2, REF 04T12	168	170	4.14	1.36
Siemens Dimension Series Urease, UV Dedicated Reagent	167	168	5.61	1.82
Roche cobas 8000 Urease, UV Dedicated Reagent	165	163	3.46	1.10

Urea 23 : 4
CYCLE SAMPLE



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INDIA

Uric Acid Report Clinical Chemistry (Monthly) Program

Cycle 23

Jul 2024 – Jul 2025
Sample No: 4
Sample Date: 28 Oct 24
Lot No: 212200



DiaSys Sys-200/Pro

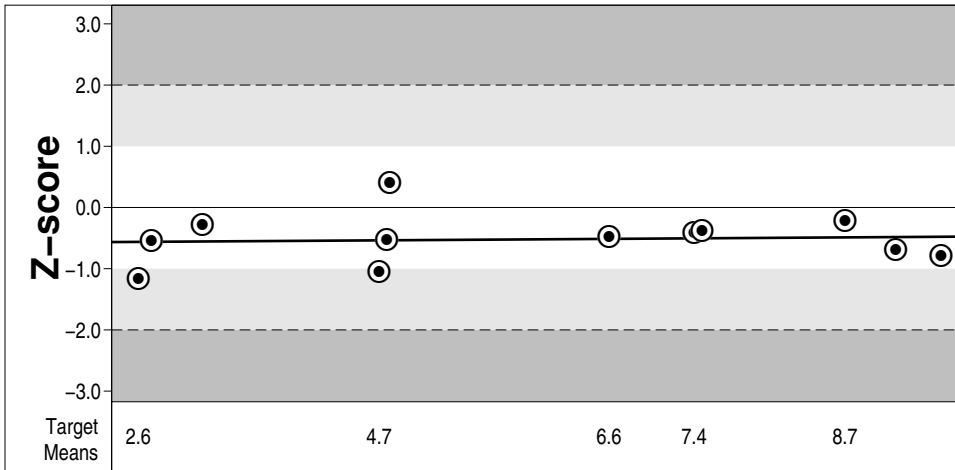
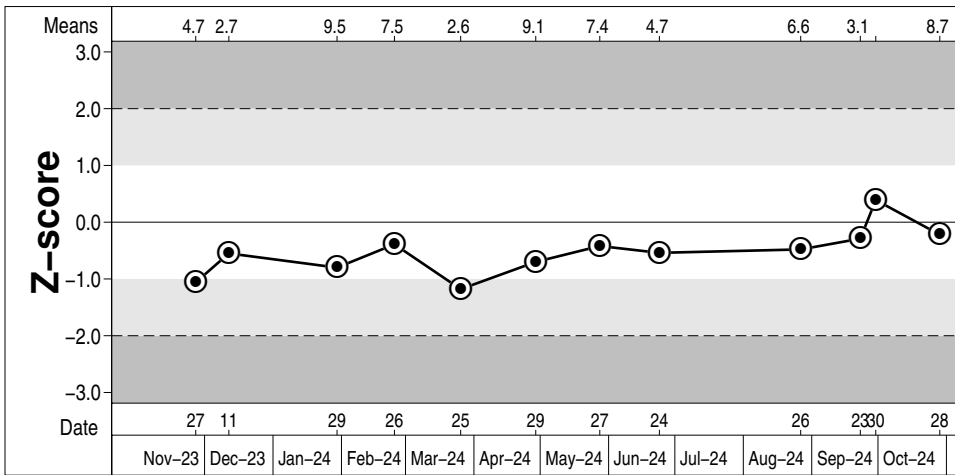
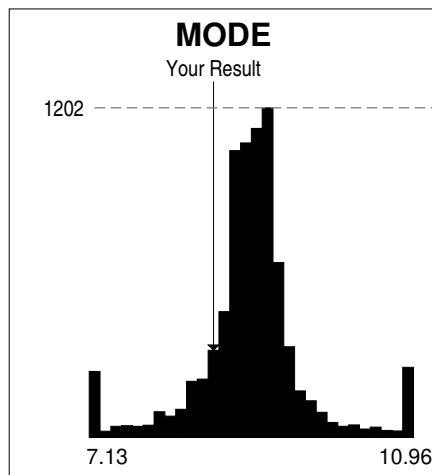
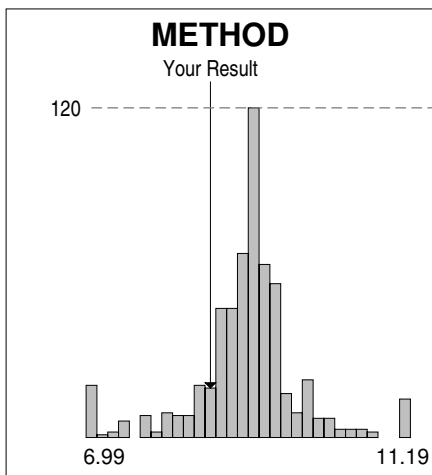
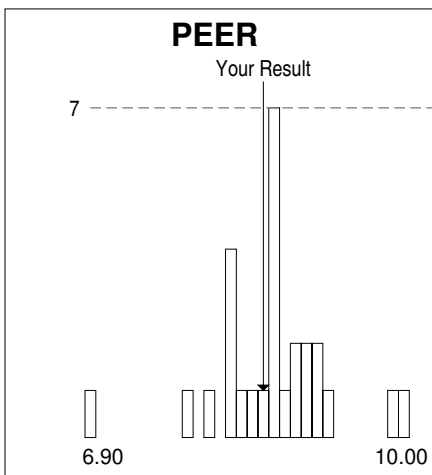
Your Result
8.6 mg/dL

- ◆ Your Mode
- Your Method
- Your Peer

Comparative Statistics

Your Deviation

	N	Mean	SD	CV	U ¹	Z-score	RMZ	%
Your Mode	8235	9.05	0.383	4.23	0.011	-1.17	-1.03	-4.95
Your Method	585	9.09	0.420	4.62	0.043	-1.17	-1.24	-5.42
Your Peer	27	8.69	0.411	4.73	0.198	-0.22	-0.26	-1.05



	N	Mean	CV	U ¹
Roche cobas 6000/c 311 Uricase, colorimetric Dedicated Reagent	1026	9.02	2.79	0.020
Beckman Coulter AU Series Uricase, colorimetric BC AU UA REF OSR6X98	933	9.20	2.31	0.017
VITROS Microslide Series Uricase, colorimetric VITROS Dry Slides Reagent Group	712	8.85	2.83	0.023
Roche cobas Integra / c 111 Uricase, colorimetric Dedicated Reagent	502	9.19	3.16	0.032
Mindray BS Series Uricase, colorimetric Dedicated Reagent	457	9.09	4.84	0.052
Roche cobas c 303/503 Uricase, colorimetric Roche UA2, REF 08058750	364	8.98	1.95	0.023
Siemens Dimension Series Uricase, UV Dedicated Reagent	302	9.14	2.70	0.036
Abbott ARCHITECT/Alinity (c, i, ci ... Uricase, colorimetric Abbott ARCH Uric2, REF 04T13	290	9.17	1.92	0.026
Abbott ARCHITECT/Alinity (c, i, ci ... Uricase, colorimetric Abbott Alinity c Uric2, REF 04U09	235	9.02	1.83	0.027

Uric Acid 23 : 4
CYCLE SAMPLE



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INDIA

Chloride Report Clinical Chemistry (Monthly) Program

Cycle 23

Jul 2024 – Jul 2025
Sample No: 4
Sample Date: 28 Oct 24
Lot No: 212200

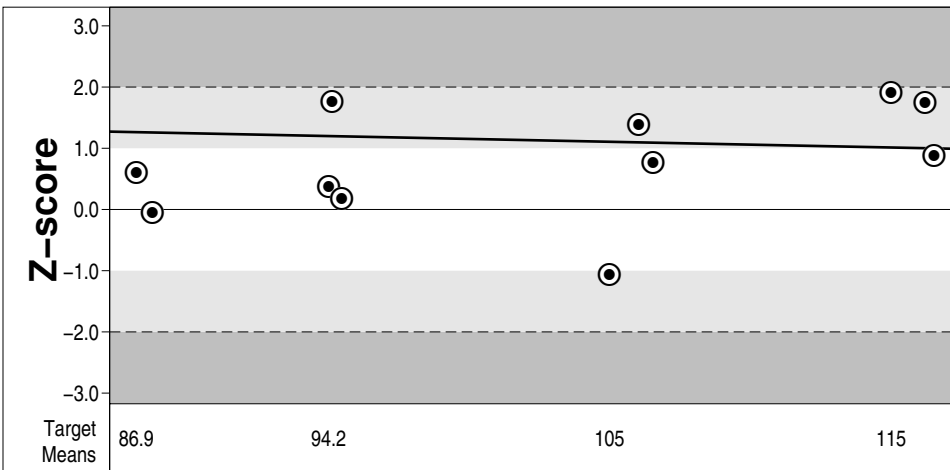
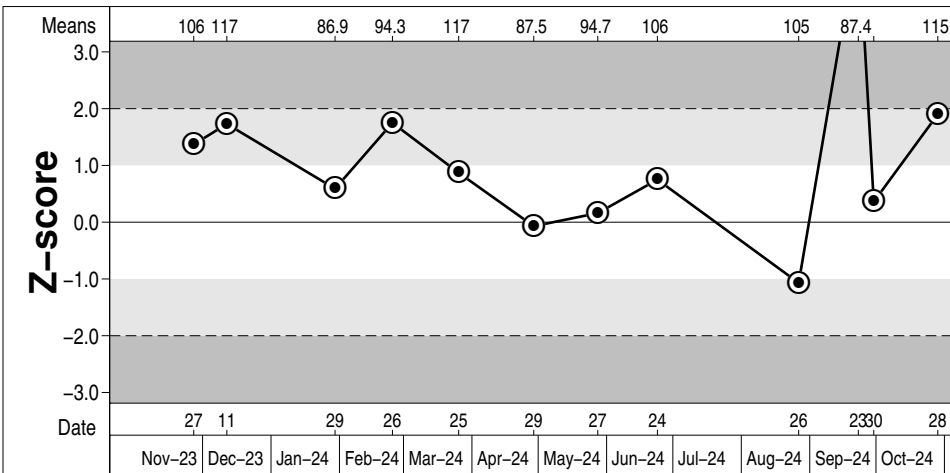
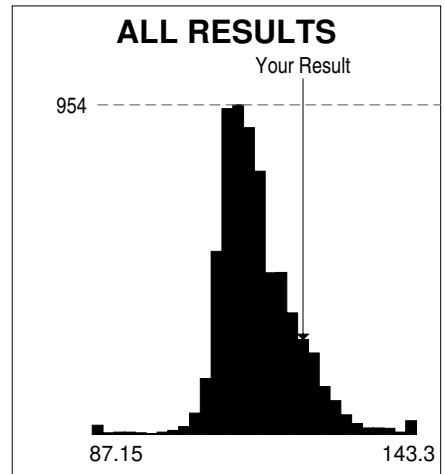
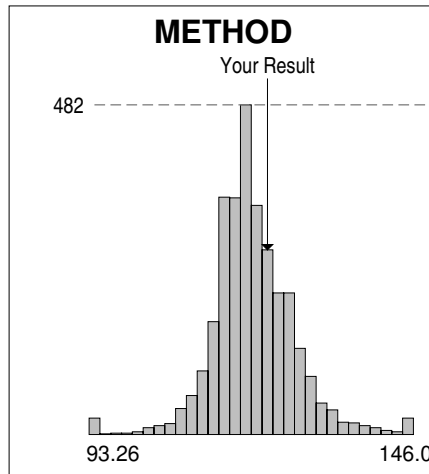
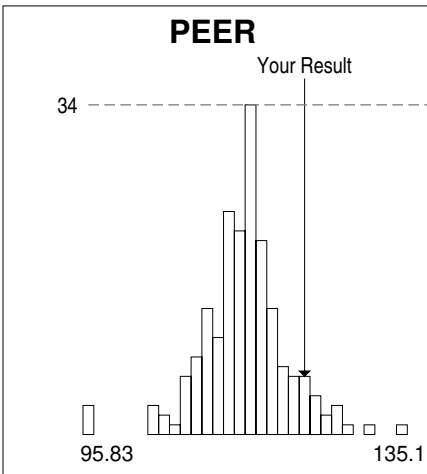


SENSA CORE – ST-100/100B/100C/200/aQua

Comparative Statistics

Your Deviation

Your Result		N	Mean	SD	CV	U ¹	Z-score	RMZ	%
122.9 mmol/L	◆ All Results	6624	115	5.62	4.87	0.173	1.37	2.14	6.66
	■ Your Method	3004	120	5.27	4.41	0.241	0.62	1.61	2.74
	● Your Peer	188	115	3.93	3.40	0.716	1.90	1.20	6.44



	N	Mean	CV	U ¹
Roche cobas 6000/8000/c 311 ISE indirect Dedicated Reagent	922	110	1.86	0.168
Beckman Coulter AU Series ISE indirect BC AU ISE REAGENTS REF 663XX	740	112	1.46	0.150
VITROS Microslide Series ISE direct VITROS Dry Slides Reagent Group	568	117	1.47	0.180
Medica EasyLyte Series/Expand ISE direct Dedicated Reagent	482	123	3.92	0.548
Roche cobas c 303/503 ISE indirect Roche ISE indirect Na-K-Cl, REF 10820652/0839...	337	110	1.54	0.231
Abbott ARCHITECT/Alinity (c, i, ci ...) ISE indirect Abbott ARCH ICT Diluent (Na, K, Cl) REF 2P32	321	114	1.28	0.204
Abbott ARCHITECT/Alinity (c, i, ci ...) ISE indirect Abbott Alinity c ICT Diluent, REF 07P53	272	115	1.36	0.235
Siemens Atellica CH Analyzer ISE indirect Siemens Atellica CH A-LYTE IMT Na K Cl, REF 1...	197	117	1.43	0.298
SENSA CORE – ST-100/100B/100C/200/aQua ISE direct Dedicated Reagent	188	115	3.40	0.716

Chloride 23 : 4
CYCLE SAMPLE



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Potassium Report Clinical Chemistry (Monthly) Program

Cycle 23

Jul 2024 – Jul 2025
Sample No: 4
Sample Date: 28 Oct 24
Lot No: 212200



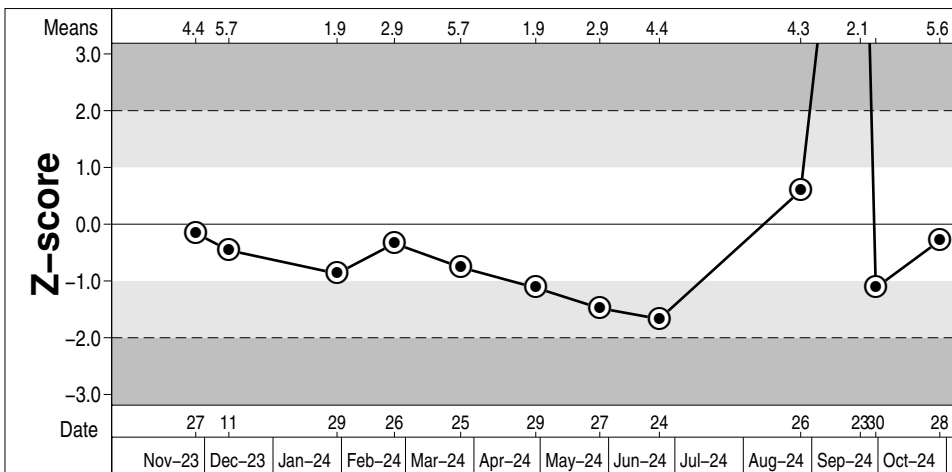
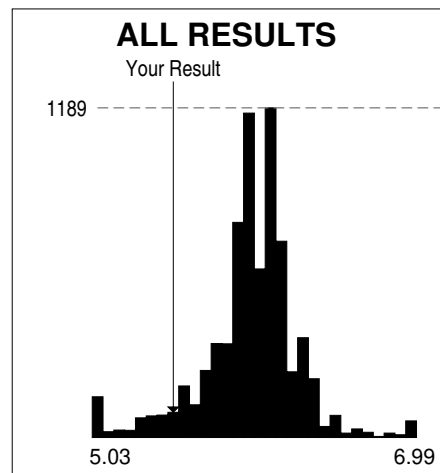
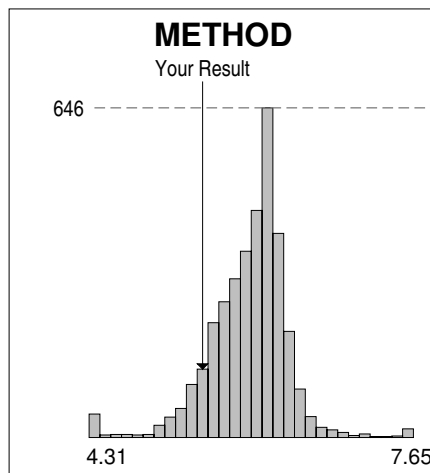
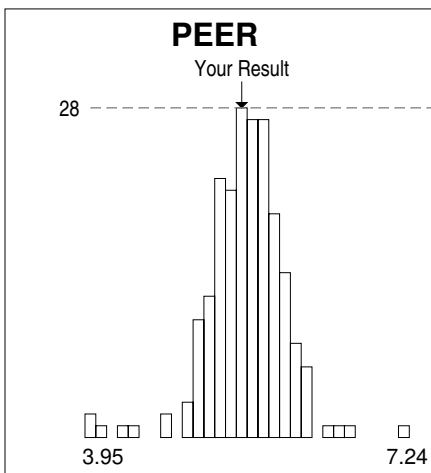
SENSA CORE – ST-100/100B/100C/200/aQua

Comparative Statistics

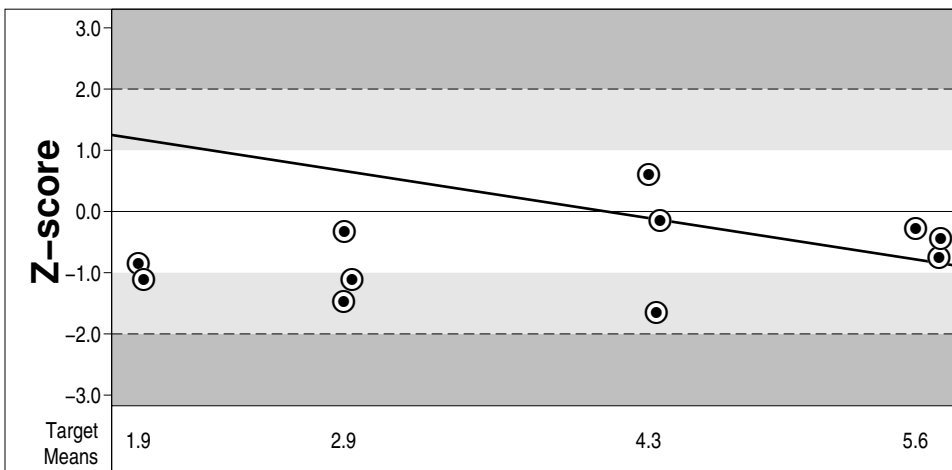
Your Deviation

Your Result
5.5 mmol/L

	N	Mean	SD	CV	U ¹	Z-score	RMZ	%
◆ All Results	7299	6.01	0.196	3.25	0.006	-2.62	2.02	-8.52
■ Your Method	3515	5.98	0.334	5.58	0.014	-1.44	1.61	-8.02
● Your Peer	208	5.59	0.329	5.88	0.057	-0.29	0.97	-1.69



	N	Mean	CV	U ¹
Roche cobas 6000/8000/c 311 ISE indirect Dedicated Reagent	983	6.09	1.48	0.007
Beckman Coulter AU Series ISE indirect BC AU ISE REAGENTS REF 663XX	766	5.95	1.43	0.008
VITROS Microslide Series ISE direct VITROS Dry Slides Reagent Group	624	6.20	1.76	0.011
Medica EasyLyte Series/Expand ISE direct Dedicated Reagent	548	5.82	4.41	0.027
Roche cobas c 303/503 ISE indirect Roche ISE indirect Na-K-CI, REF 10820652/0839...	343	6.11	1.31	0.011
Abbott ARCHITECT/Alinity (c, i, ci ... ISE indirect Abbott ARCH ICT Diluent (Na, K, Cl) REF 2P32	336	6.02	1.53	0.013
Abbott ARCHITECT/Alinity (c, i, ci ... ISE indirect Abbott Alinity c ICT Diluent, REF 07P53	276	6.05	1.38	0.013
Roche AVL 9100 Series ISE direct Dedicated Reagent	227	6.36	2.04	0.022
SENSA CORE – ST-100/100B/100C/200/aQua ISE direct Dedicated Reagent	208	5.59	5.88	0.057



Potassium 23 : 4
CYCLE SAMPLE



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Sodium Report Clinical Chemistry (Monthly) Program

Cycle 23

Jul 2024 – Jul 2025
Sample No: 4
Sample Date: 28 Oct 24
Lot No: 212200



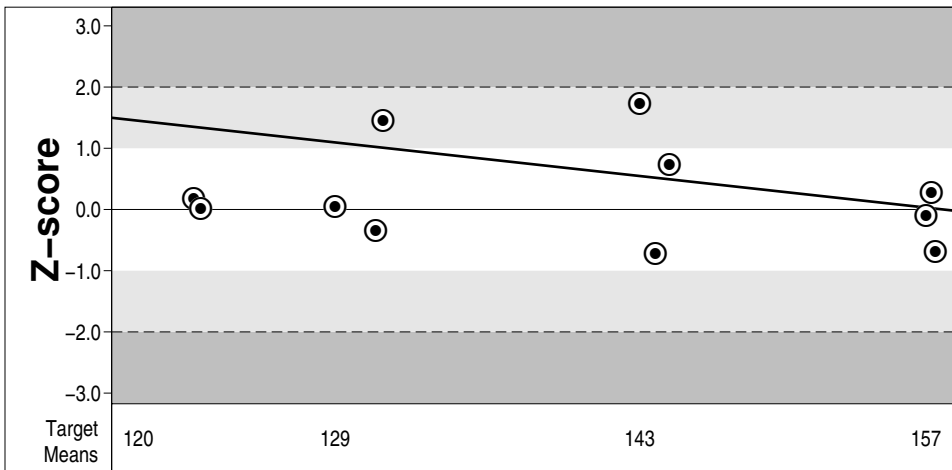
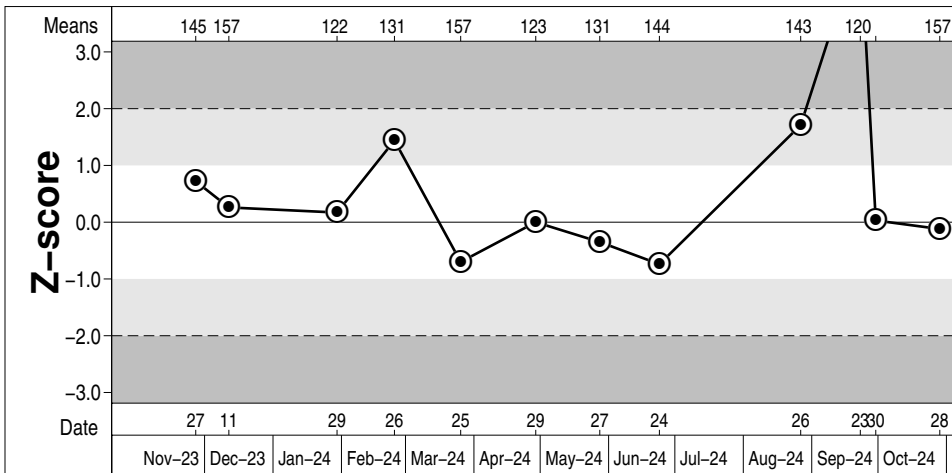
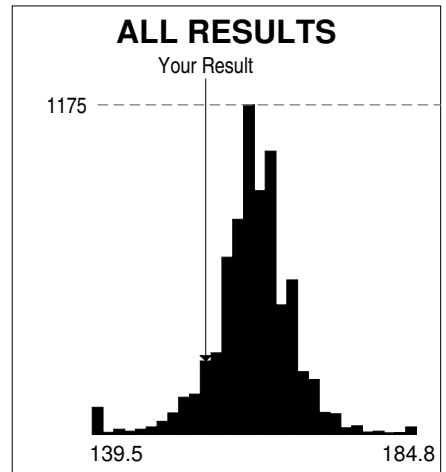
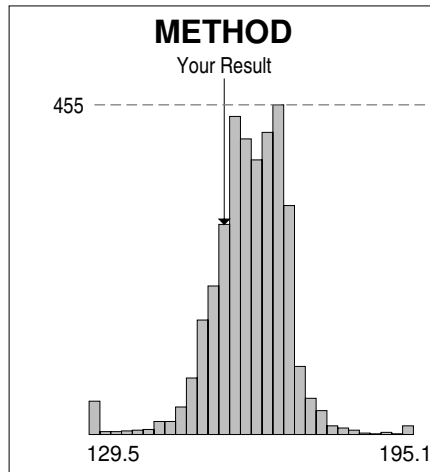
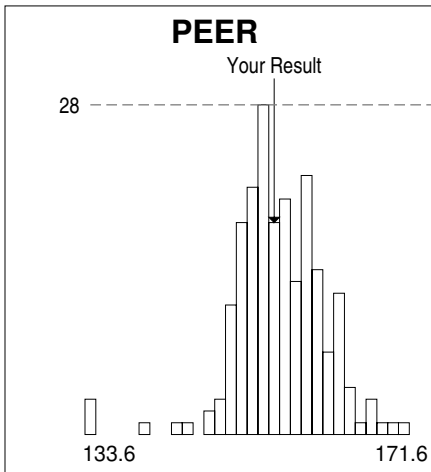
SENSA CORE – ST-100/100B/100C/200/aQua

Comparative Statistics

Your Deviation

Your Result
156 mmol/L

	N	Mean	SD	CV	U ¹	Z-score	RMZ	%
◆ All Results	7289	162	4.53	2.79	0.133	-1.37	1.23	-3.82
■ Your Method	3514	162	6.56	4.04	0.277	-0.96	0.98	-3.90
● Your Peer	206	157	4.58	2.93	0.798	-0.12	0.92	-0.339



	N	Mean	CV	U ¹
Roche cobas 6000/8000/c 311 ISE indirect Dedicated Reagent	984	163	1.50	0.194
Beckman Coulter AU Series ISE indirect BC AU ISE REAGENTS REF 663XX	769	161	1.61	0.234
VITROS Microslide Series ISE direct VITROS Dry Slides Reagent Group	624	168	1.70	0.286
Medica EasyLyte Series/Expand ISE direct Dedicated Reagent	553	160	3.06	0.521
Roche cobas c 303/503 ISE indirect Roche ISE indirect Na-K-CI, REF 10820652/0839...	343	163	1.21	0.267
Abbott ARCHITECT/Alinity (c, i, ci ... ISE indirect Abbott ARCH ICT Diluent (Na, K, CI) REF 2P32	338	163	1.06	0.234
Abbott ARCHITECT/Alinity (c, i, ci ... ISE indirect Abbott Alinity c ICT Diluent, REF 07P53	275	164	1.25	0.307
Roche AVL 9100 Series ISE direct Dedicated Reagent	235	166	1.63	0.443
SENSA CORE – ST-100/100B/100C/200/aQua ISE direct Dedicated Reagent	206	157	2.93	0.798

Sodium
CYCLE SAMPLE
23 : 4



Lab 322942

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INDIA

Data on File Report
Clinical Chemistry (Monthly) Program

Cycle 23

Jul 2024 – Jul 2025
Sample No: 4
Sample Date: 28 Oct 24
Lot No: 212200



Sample Numbers

Analyte Unit	1	2	3	4	5	6	7	8	9	10	11	12
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Instrument: DiaSys Sys-200/Pro

✓ ALB	g/dL	4	2.7	3.6	4.9							
✓ ALKP	U/L	270.1	59.32	158.69	392.4							
✓ ALT	U/L	138	31	76.7	196.4							
AMYL	U/L	1005	105.79	484.56	1495.1							
✓ AST	U/L	160	29.47	91.32	254.52							
DBIL	mg/dL	1.9	1.1	1.8	3.1							
✓ TBIL	mg/dL	6.9	1.9	3.9	9.6							
✓ CA	mg/dL	10.85	6.36	8.44	13.67							
✓ HDL	mg/dL	47	18	30	60							
LDL	mg/dL	-	-	-	-							
✓ CHOL	mg/dL	239	92	150	315							
CK	U/L	-	-	-	-							
✓ CREA	mg/dL	1.9	3.9	6.8	1.1							
GGT	U/L	-	-	-	-							
✓ GLUC	mg/dL	601	31.5	58.3	129.4							
LDH	U/L	-	-	-	-							
✓ LIP	U/L	63.5	27.9	44	75.8							
MG	mg/dL	-	-	-	-							
✓ PHOS	mg/dL	5.5	1.98	3.65	8.44							
✓ TP	g/dL	6.33	4.06	5.06	8.22							
TRIG	mg/dL	138.7	73.9	86.9	192.9							
UIBC	µg/dL	-	-	-	-							
✓ UREA	mg/dL	120.5	14.2	58.4	165.3							
✓ URIC	mg/dL	6.38	3.06	4.87	8.6							

Instrument: SENA CORE – ST-100/100B/100C/200/aQua

CL	mmol/L	100.5	108.4	95.4	122.9
K	mmol/L	4.45	4.38	2.74	5.5
NA	mmol/L	148.9	139.2	129	156

Legend: ✓ No Warnings Late Results 2.0 ≤ |Z-score| < 3.0 |Z-score| ≥ 3.0 - No Result

* Amended Result (per participant's request)



Lab 322942

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Sample Comments
Clinical Chemistry (Monthly) Program

Cycle 23

Jul 2024 – Jul 2025
Sample No: 4
Sample Date: 28 Oct 24
Lot No: 212200



Sample History

Patient profile for eGFR (estimated Glomerular Filtration Rate) calculations using Creatinine results –

Age: 20

Gender: Female

Race: White