

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: 242687

**Attn: MIHAELA ROTARU
LABORATOARELE BIOCLINICA-VACARESTI
CALEA V?C?RE?TI, NR. 300, BL. 1B, SECTOR
BUCURE?TI
ROMANIA**



Lab 242687

LABORATOARELE BIOCLINICA-VACARESTI
CALEA V?C?RE?TI, NR. 300, BL. 1B, SECTOR
BUCURE?TI
ROMANIA

Configuration Report
Clinical Chemistry (Monthly) Program

Cycle 21

Jul 2022 – Jul 2023

Sample No: 5

Sample Date: 28 Nov 22

Lot No: 212000



Selected Options:

Data Input: Online

Report Receipt: QCNet

Subgroup Number: None

Instrument

1560 – Roche AVL 9180

| Analyte | Method | Reagent | Unit |
|---------|----------------|------------------------|-----------|
| 050 ICA | 023 ISE direct | 0006 Dedicated Reagent | 54 mmol/L |

Instrument

0359 – Roche cobas INTEGRA

| Analyte | Method | Reagent | Unit |
|----------|--|------------------------|-----------|
| 007 ALB | 043 Immunoturbidimetric | 0006 Dedicated Reagent | 15 g/dL |
| 046 CO2 | 111 Enzymatic | 0006 Dedicated Reagent | 54 mmol/L |
| 116 LDH | 301 L to P – IFCC Ref. Proc., Calibrated | 0006 Dedicated Reagent | 56 U/L |
| 122 LIP | 112 Enzymatic, colorimetric | 0006 Dedicated Reagent | 56 U/L |
| 140 PHOS | 917 Phosphomolybdate method | 0006 Dedicated Reagent | 14 mg/dL |
| 105 TIBC | 103 Calculated | 0006 Dedicated Reagent | 13 µg/dL |
| 106 UIBC | 743 Ferrozine | 0006 Dedicated Reagent | 53 µmol/L |

Instrument

3269 – Siemens Atellica CH Analyzer

| Analyte | Method | Reagent | Unit |
|-----------|--|--|------------------|
| 026 ALKP | 308 PNPP, AMP Buffer – IFCC Ref. Proc., Calibrated | 4748 Siemens Atellica CH ALP_2c, REF 11097600 | 56 U/L |
| 020 ALT | 302 UV with P5P – IFCC Ref. Proc., Calibrated | 4752 Siemens Atellica CH ALTPLC, REF 11097638 | 56 U/L |
| 031 AMYL | 359 G7 PNP, Blocked – IFCC Ref. Proc., Calibrated | 1990 Siemens Atellica CH AMY_2 REF 11097649 | 56 U/L |
| 034 AST | 302 UV with P5P – IFCC Ref. Proc., Calibrated | 4760 Siemens Atellica CH ASTPLC, REF 11097639 | 56 U/L |
| 042 CA | 403 Arsenazo III | 1697 Siemens Atellica CH CA_2, REF 11097644 | 14 mg/dL |
| 054 CHOL | 667 Cholesterol oxidase, esterase, peroxidase | 4800 Siemens Atellica CH Chol_2, REF 11097609 | 14 mg/dL |
| 069 CK | 069 NAC activated | 4827 Siemens Atellica CH CK_L, REF 11097640 | 56 U/L |
| 039 CL | 029 ISE indirect | 4786 Siemens Atellica CH A-LYTE IMT Na K Cl, RE... | 54 mmol/L |
| 072 CREA | 111 Enzymatic | 1931 Siemens Atellica CH ECre_2 REF 11097533 | 14 mg/dL |
| 036 DBIL | 873 Vanadate Oxidation | 4762 Siemens Atellica CH DBil_2, REF 11097532 | 14 mg/dL |
| 2696 eGFR | 447 Calculated – CKD–EPI (Creatinine) | 1931 Siemens Atellica CH ECre_2 REF 11097533 | 148mL/min/1.73m2 |
| 090 GGT | 685 G–glutamyl–carboxy–nitroanilide | 4863 Siemens Atellica CH GGT, REF 11097597 | 56 U/L |
| 096 GLUC | 221 Hexokinase | 4862 Siemens Atellica CH GluH_3, REF 11097592 | 14 mg/dL |
| 052 HDL | 592 Direct measure, polymer–polyanion | 4787 Siemens Atellica CH D–HDL, REF 11097630 | 14 mg/dL |
| 104 IRON | 517 Ferrozine–no deproteinization | 4856 Siemens Atellica CH Iron_2, REF 11097601 | 13 µg/dL |
| 135 K | 029 ISE indirect | 4786 Siemens Atellica CH A-LYTE IMT Na K Cl, RE... | 54 mmol/L |
| 145 LDL | 007 Direct measure | 4797 Siemens Atellica CH LDL, REF 11097632 | 14 mg/dL |
| 128 MG | 965 Xylidyl blue | 4850 Siemens Atellica CH Mg, REF 11097612 | 14 mg/dL |
| 159 NA | 029 ISE indirect | 4786 Siemens Atellica CH A-LYTE IMT Na K Cl, RE... | 54 mmol/L |
| 038 TBIL | 873 Vanadate Oxidation | 4763 Siemens Atellica CH TBil_2, REF 11097531 | 14 mg/dL |
| 144 TP | 627 Biuret method | 4844 Siemens Atellica CH TP, REF 11097604 | 15 g/dL |
| 168 TRIG | 231 Enzymatic, end point | 4835 Siemens Atellica CH Trig, REF 11097591 | 14 mg/dL |
| 040 U–NIT | 113 Urease, UV | 4834 Siemens Atellica CH UN_c, REF 11097593 | 14 mg/dL |
| 176 URIC | 118 Uricase, colorimetric | 4833 Siemens Atellica CH UA, REF 11097608 | 14 mg/dL |



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Configuration Report
Clinical Chemistry (Monthly) Program

Cycle 21

Jul 2022 – Jul 2023

Sample No: 5

Sample Date: 28 Nov 22

Lot No: 212000



Instrument

3268 – Siemens Atellica IM Analyzer

| Analyte | Method | Reagent | Unit |
|----------------|-----------------------|-------------------------------|-------------|
| 041 CORT | 063 Chemiluminescence | 1579 Siemens Atellica Reagent | 13 µg/dL |
| 179 FT3 | 063 Chemiluminescence | 1579 Siemens Atellica Reagent | 01 pg/mL |
| 183 FT4 | 063 Chemiluminescence | 1579 Siemens Atellica Reagent | 12 ng/dL |
| 177 TSH | 063 Chemiluminescence | 1579 Siemens Atellica Reagent | 33 µIU/mL |
| 178 TT3 | 063 Chemiluminescence | 1579 Siemens Atellica Reagent | 02 ng/mL |
| 182 TT4 | 063 Chemiluminescence | 1579 Siemens Atellica Reagent | 13 µg/dL |



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Sample Summary Report
Clinical Chemistry (Monthly) Program

Cycle 21

Jul 2022 – Jul 2023

Sample No: 5

Sample Date: 28 Nov 22

Lot No: 212000



External Quality Assurance Services

Instrument: Roche AVL 9100 Series

| Analyte | Unit | Result | Mean | Z-score | RMZ | Comparator |
|--------------------|--------|--------|-------|---------|------|------------|
| ✓ Calcium, Ionized | mmol/L | 0,91 | 0,863 | 0,81 | 0,49 | Peer |

Instrument: Roche cobas Integra / c 111

| Analyte | Unit | Result | Mean | Z-score | RMZ | Comparator |
|------------------------|--------|--------|------|---------|-------|------------|
| ✓ Albumin | g/dL | 2,83 | 3,02 | -0,99 | -2,04 | Peer |
| ✓ CO2 (Carbon Dioxide) | mmol/L | 17,4 | 17,0 | 0,36 | 0,18 | Peer |
| ✓ LDH | U/L | 391 | 400 | -0,78 | -0,37 | Peer |
| ✓ Lipase | U/L | 73,9 | 72,0 | 0,34 | 0,69 | Peer |
| ✓ Phosphorus | mg/dL | 7,32 | 7,42 | -0,67 | 0,02 | Peer |
| ✓ TIBC | µg/dL | 224,4 | 228 | -0,46 | -0,62 | Peer |
| ✓ UIBC | µmol/L | 21,5 | 22,1 | -0,48 | -0,56 | Peer |

Instrument: Siemens Atellica CH Analyzer

| Analyte | Unit | Result | Mean | Z-score | RMZ | Comparator |
|-------------------------|---------------|--------|------|---------|-------|------------|
| ✓ Alkaline Phosphatase | U/L | 334 | 349 | -1,48 | 0,03 | Peer |
| ✓ ALT (ALAT/GPT) | U/L | 158 | 155 | 0,66 | 0,20 | Peer |
| ✓ Amylase | U/L | 815 | 804 | 0,83 | 0,70 | Peer |
| ✓ AST/GOT | U/L | 97 | 99,8 | -1,06 | -0,73 | Peer |
| ✓ Bilirubin, Direct | mg/dL | 1,42 | 1,43 | -0,09 | -0,35 | Peer |
| ✓ Bilirubin, Total | mg/dL | 3,01 | 3,13 | -1,18 | -1,13 | Peer |
| ✓ Calcium | mg/dL | 8,3 | 8,45 | -1,20 | 0,10 | Peer |
| ✓ Chloride | mmol/L | 87,6 | 87,0 | 0,47 | 1,23 | Peer |
| ✓ Cholesterol, HDL | mg/dL | 32 | 32,5 | -0,55 | 0,04 | Peer |
| ✓ Cholesterol, LDL | mg/dL | 92 | 96,5 | -1,14 | -1,01 | Peer |
| ✓ Cholesterol, Total | mg/dL | 161 | 163 | -0,58 | -0,24 | Peer |
| ✓ Creatine Kinase | U/L | 192 | 198 | -0,96 | -0,53 | Peer |
| ✓ Creatinine | mg/dL | 6,87 | 6,93 | -0,57 | 0,32 | Peer |
| ✓ eGFR | mL/min/1.73m2 | 7,9 | 8,58 | -1,08 | -0,70 | Mode |
| ✓ G-Glutamyltransferase | U/L | 145 | 148 | -0,99 | -0,99 | Peer |
| ✓ Glucose | mg/dL | 114 | 112 | 0,86 | 0,51 | Peer |
| ✓ Iron | µg/dL | 99 | 98,9 | 0,05 | 0,10 | Peer |
| ✓ Magnesium | mg/dL | 3,37 | 3,25 | 0,94 | 0,44 | Peer |
| ✓ Potassium | mmol/L | 5,16 | 5,10 | 0,71 | 0,52 | Peer |
| ✓ Protein, Total | g/dL | 4,8 | 4,75 | 0,57 | 0,04 | Peer |

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)

⚠ Non-robust determination of Mean and SD

Problem Classification: _____

Corrective Action: _____

Reviewed by: _____

Date: _____



Lab 242687

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Sample Summary Report
Clinical Chemistry (Monthly) Program

Cycle 21

Jul 2022 – Jul 2023

Sample No: 5

Sample Date: 28 Nov 22

Lot No: 212000



External Quality Assurance Services

Instrument: Siemens Atellica CH Analyzer

| Analyte | Unit | Result | Mean | Z-score | RMZ | Comparator |
|-----------------|--------|--------|------|---------|-------|------------|
| ✓ Sodium | mmol/L | 125 | 124 | 0,77 | 1,47 | Peer |
| ✓ Triglycerides | mg/dL | 99 | 98,3 | 0,38 | -0,55 | Peer |
| ✓ Urea Nitrogen | mg/dL | 71,63 | 71,8 | -0,12 | 0,26 | Peer |
| ✓ Uric Acid | mg/dL | 8,1 | 8,19 | -0,68 | -0,40 | Peer |

Instrument: Siemens Atellica IM Analyzer

| Analyte | Unit | Result | Mean | Z-score | RMZ | Comparator |
|-------------|--------|--------|------|---------|-------|------------|
| ✓ Cortisol | µg/dL | 15,01 | 15,3 | -0,33 | -0,42 | Peer |
| ✓ T3, Free | pg/mL | 4,2 | 4,24 | -0,45 | 0,07 | Peer |
| ✓ T3, Total | ng/mL | 1,47 | 1,50 | -0,25 | -1,22 | Peer |
| ✓ T4, Free | ng/dL | 1,28* | 1,33 | -1,16 | 0,24 | Peer |
| ✓ T4, Total | µg/dL | 7,32 | 7,50 | -0,42 | -0,24 | Peer |
| ✓ TSH | µIU/mL | 6,506 | 6,00 | 1,20 | 0,86 | Peer |

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) † Non-robust determination of Mean and SD

Problem Classification: _____

Corrective Action: _____

Reviewed by: _____

Date: _____



Lab 242687

LABORATOARELE BIOCLINICA-VACARESTI
CALEA V?C?RE?TI, NR. 300, BL. 1B, SECTOR
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Calcium, Ionized Report
Clinical Chemistry (Monthly) Program

Cycle 21

Jul 2022 – Jul 2023

Sample No: 5

Sample Date: 28 Nov 22

Lot No: 212000



Roche AVL 9100 Series

Your Result

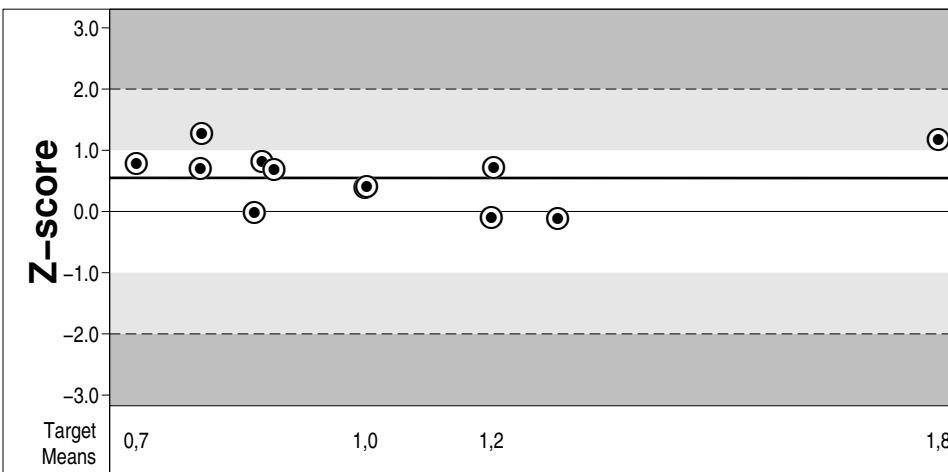
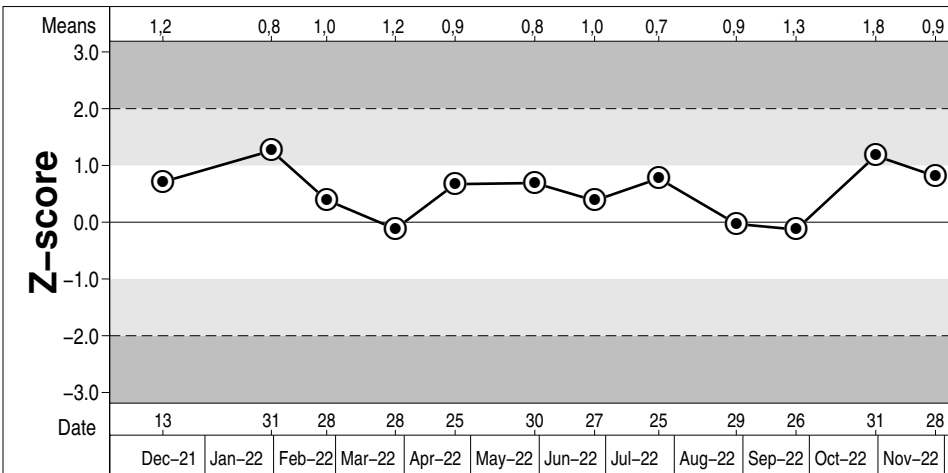
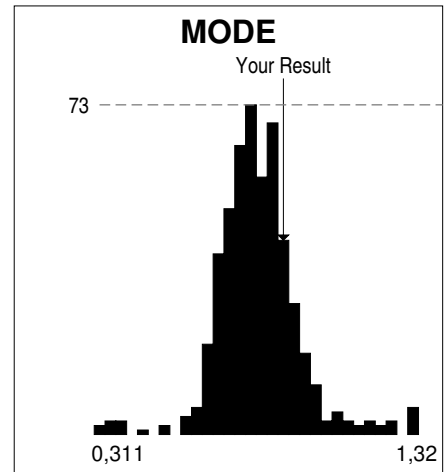
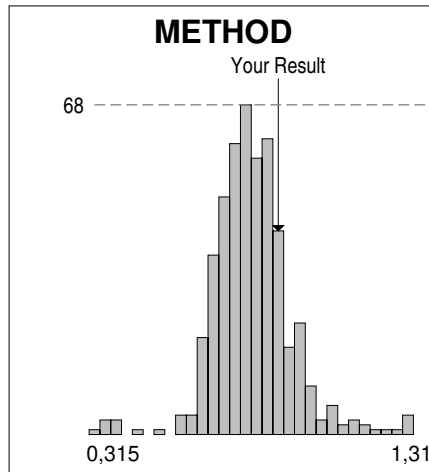
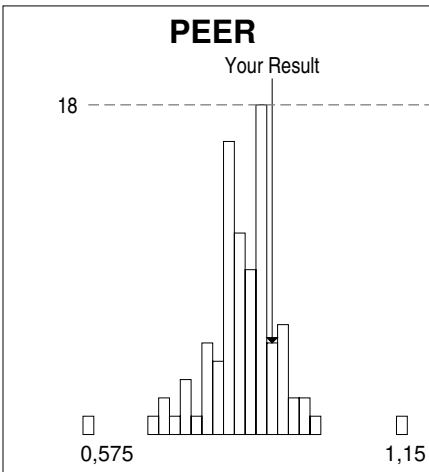
0,91 mmol/L

- ◆ Your Mode
- Your Method
- Your Peer

Comparative Statistics

Your Deviation

| | N | Mean | SD | CV | U ¹ | Z-score | RMZ | % |
|-------------|-----|-------|-------|------|----------------|---------|------|------|
| Your Mode | 522 | 0,816 | 0,101 | 12,4 | 0,011 | 0,93 | 0,83 | 11,5 |
| Your Method | 485 | 0,815 | 0,100 | 12,3 | 0,011 | 0,95 | 0,86 | 11,7 |
| Your Peer | 89 | 0,863 | 0,058 | 6,67 | 0,015 | 0,81 | 0,49 | 5,41 |



| | N | Mean | CV | U ¹ |
|--|----|-------|------|----------------|
| Roche AVL 9100 Series ISE direct Dedicated Reagent | 89 | 0,863 | 6,67 | 0,015 |
| SENSA CORE – ST-100/100B/100C/200 ISE direct Dedicated Reagent | 56 | 0,868 | 15,0 | 0,044 |
| Radiometer ABL 800 Series ISE direct Dedicated Reagent | 52 | 0,786 | 8,19 | 0,022 |
| Roche cobas b 221 (Omni S) ISE direct Dedicated Reagent | 35 | 0,759 | 4,65 | 0,015 |
| Medica EasyLyte Series/Expand ISE direct Dedicated Reagent | 21 | 0,802 | 19,0 | 0,083 |
| IL Gem Premier 4000 ISE direct Dedicated Reagent | 21 | 0,790 | 10,7 | 0,046 |
| Roche cobas 6000/8000/c 311 Calculated Dedicated Reagent | 19 | 1,16 | 5,12 | 0,034 |
| Beckman Coulter AU Series Calculated Dedicated Reagent | 16 | 1,18 | 5,82 | 0,043 |
| Roche cobas b 121 (Omni C) ISE direct Dedicated Reagent | 15 | 0,730 | 6,78 | 0,032 |

Calcium, Ionized 21 : 5
CYCLE SAMPLE



Lab 242687

LABORATOARELE BIOCLINICA-VACARESTI
CALEA V?C?RE?TI, NR. 300, BL. 1B, SECTOR
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Albumin Report
Clinical Chemistry (Monthly) Program

Cycle 21

Jul 2022 – Jul 2023
Sample No: 5
Sample Date: 28 Nov 22
Lot No: 212000



Roche cobas Integra / c 111

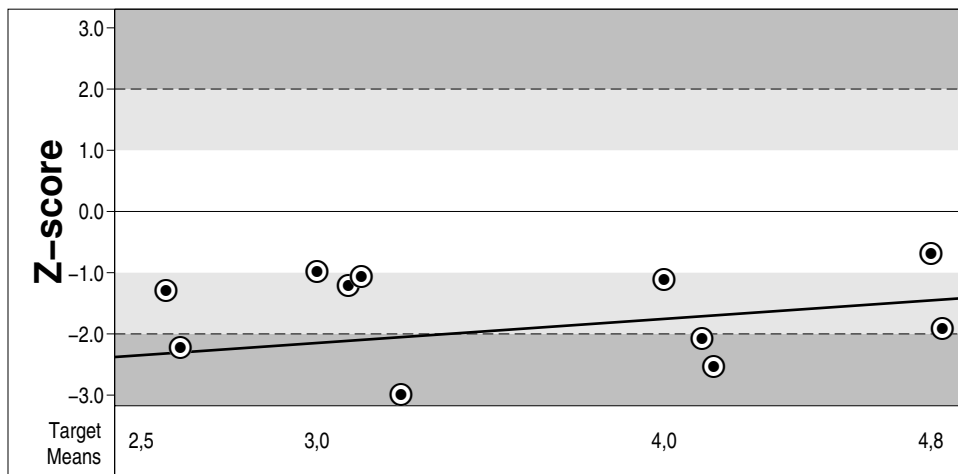
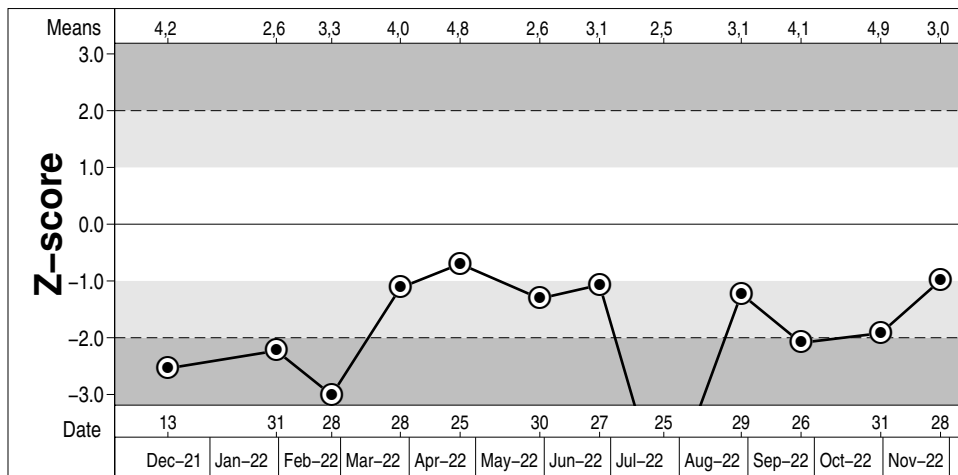
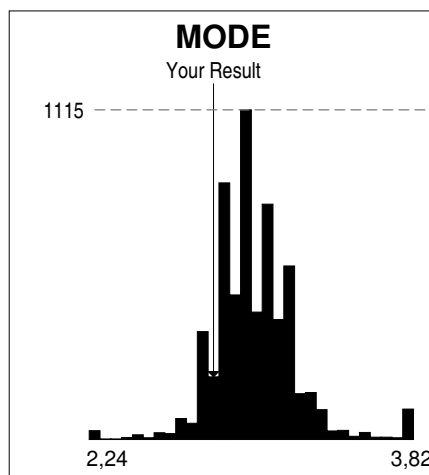
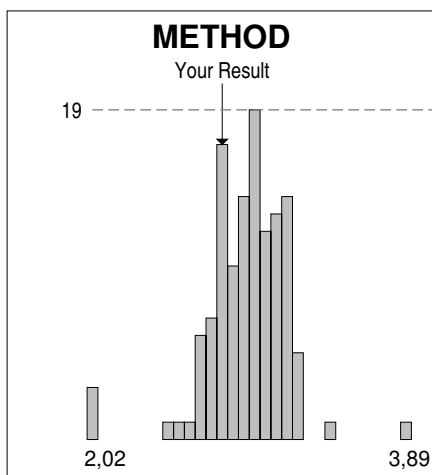
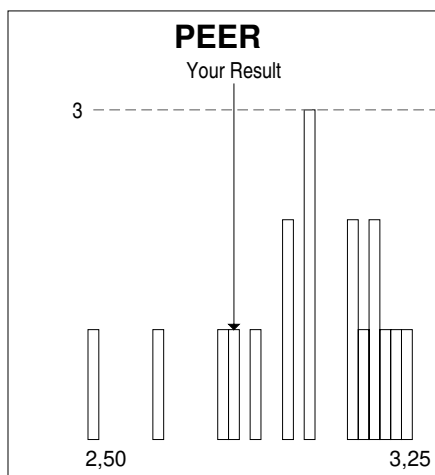
Your Result
2,83 g/dL

- ◆ Your Mode
- Your Method
- Your Peer

Comparative Statistics

| | N | Mean | SD | CV | U ¹ | Z-score | RMZ | % |
|-------------|------|------|-------|------|----------------|---------|-------|-------|
| Your Mode | 6136 | 3,03 | 0,158 | 5,22 | 0,005 | -1,27 | -1,33 | -6,65 |
| Your Method | 125 | 2,96 | 0,187 | 6,34 | 0,042 | -0,67 | -0,88 | -4,25 |
| Your Peer | 18 | 3,02 | 0,186 | 6,18 | 0,110 | -0,99 | -2,04 | -6,14 |

Your Deviation



| | N | Mean | CV | U ¹ |
|--|------|------|------|----------------|
| Roche cobas 6000/8000/c 311 Brom cresol Green (BCG) Dedicated Reagent | 1064 | 3,13 | 3,08 | 0,007 |
| Beckman Coulter AU Series Brom cresol Green (BCG) Dedicated Reagent | 864 | 2,94 | 2,21 | 0,006 |
| VITROS Microslide Series Brom cresol Green (BCG) - Vitros VITROS Dry Slides Reagent Group | 604 | 2,94 | 3,42 | 0,010 |
| Roche cobas Integra / c 111 Brom cresol Green (BCG) Dedicated Reagent | 390 | 3,18 | 2,79 | 0,011 |
| Siemens Dimension Series Brom cresol Purple (BCP) Dedicated Reagent | 365 | 2,85 | 2,81 | 0,010 |
| Abbott ARCHITECT/Alinity (c, i, ci ... Brom cresol Green (BCG) Dedicated Reagent | 351 | 2,98 | 1,97 | 0,008 |
| Mindray BS Series Brom cresol Green (BCG) Dedicated Reagent | 168 | 3,09 | 4,85 | 0,029 |
| Abbott ARCHITECT/Alinity (c, i, ci ... Brom cresol Purple (BCP) Dedicated Reagent | 103 | 2,87 | 2,84 | 0,020 |
| Siemens Atellica CH Analyzer Brom cresol Green (BCG) Siemens Atellica CH Alb, REF 11097590 | 102 | 3,07 | 2,20 | 0,017 |

Albumin 21 : 5
CYCLE SAMPLE



Lab 242687

LABORATOARELE BIOCLINICA-VACARESTI
CALEA V?C?RE?TI, NR. 300, BL. 1B, SECTOR
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CO2 (Carbon Dioxide) Report Clinical Chemistry (Monthly) Program

Cycle 21

Jul 2022 – Jul 2023

Sample No: 5

Sample Date: 28 Nov 22

Lot No: 212000



Roche cobas Integra / c 111

Your Result

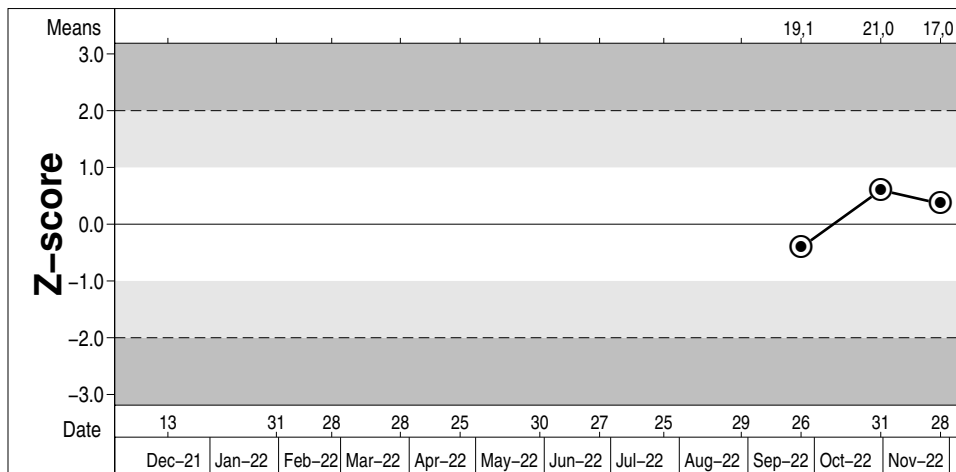
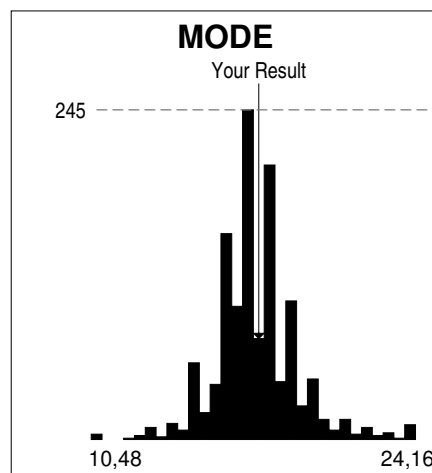
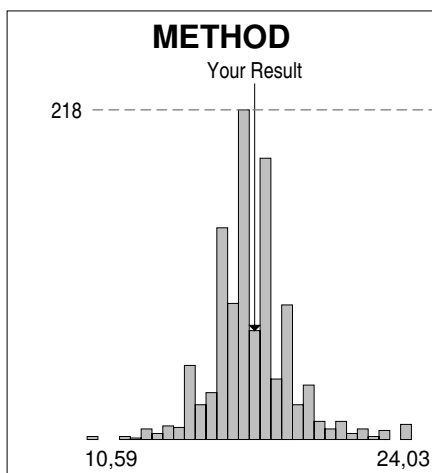
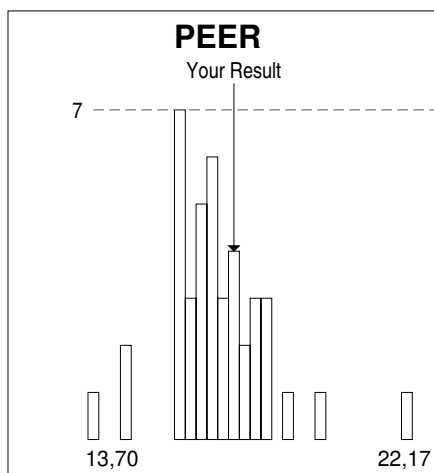
17,4 mmol/L

- ◆ Your Mode
- Your Method
- Your Peer

Comparative Statistics

| | N | Mean | SD | CV | U ¹ | Z-score | RMZ | % |
|-------------|------|------|------|------|----------------|---------|-------|-------|
| Your Mode | 1218 | 17,3 | 1,37 | 7,90 | 0,098 | 0,06 | -0,10 | 0,469 |
| Your Method | 1090 | 17,3 | 1,34 | 7,76 | 0,102 | 0,06 | -0,09 | 0,494 |
| Your Peer | 42 | 17,0 | 1,03 | 6,04 | 0,396 | 0,36 | 0,18 | 2,17 |

Your Deviation



| | N | Mean | CV | U ¹ |
|---|-----|------|------|----------------|
| Roche cobas 6000/8000/c 311 Enzymatic Dedicated Reagent | 259 | 16,9 | 6,40 | 0,168 |
| VITROS Microslide Series Enzymatic VITROS Dry Slides Reagent Group | 189 | 17,7 | 7,43 | 0,239 |
| Beckman Coulter AU Series Enzymatic Dedicated Reagent | 152 | 17,6 | 5,55 | 0,198 |
| Abbott ARCHITECT/Alinity (c, i, ci ...) Enzymatic Dedicated Reagent | 116 | 16,1 | 8,12 | 0,304 |
| Siemens Dimension Series Enzymatic Dedicated Reagent | 63 | 19,2 | 7,67 | 0,464 |
| Siemens Atellica CH Analyzer Enzymatic Siemens Atellica CH CO2_c, REF 11097521 | 63 | 18,0 | 5,05 | 0,286 |
| Roche cobas c 303/503 Enzymatic Roche CO2-L, REF 08057494 | 50 | 16,7 | 6,70 | 0,397 |
| Abbott ARCHITECT/Alinity (c, i, ci ...) Enzymatic Abbott Alinity c CO2, REF 07P72 | 46 | 17,0 | 4,94 | 0,309 |
| Roche cobas Integra / c 111 Enzymatic Dedicated Reagent | 42 | 17,0 | 6,04 | 0,396 |

CO2 (Carbon Dioxide) 21 : 5

CYCLE SAMPLE



Lab 242687

LABORATOARELE BIOCLINICA-VACARESTI
CALEA V?C?RE?TI, NR. 300, BL. 1B, SECTOR
BUCURE?TI
ROMANIA

LDH Report
Clinical Chemistry (Monthly) Program

Cycle 21

Jul 2022 – Jul 2023

Sample No: 5

Sample Date: 28 Nov 22

Lot No: 212000



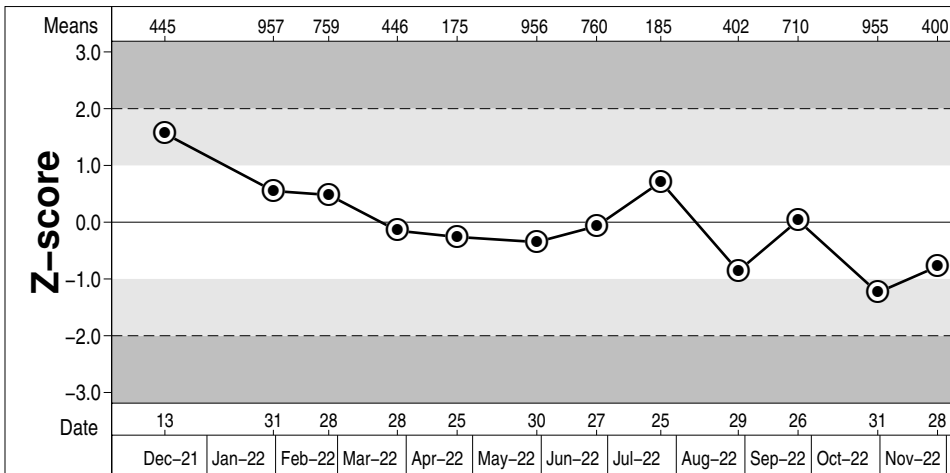
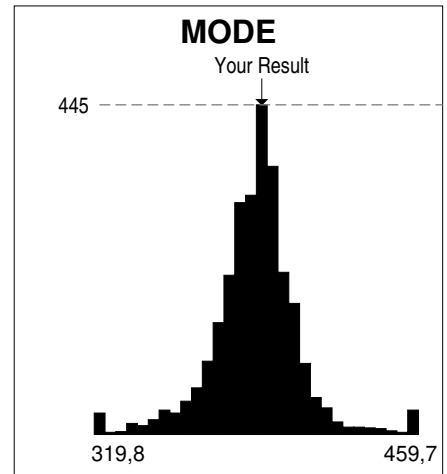
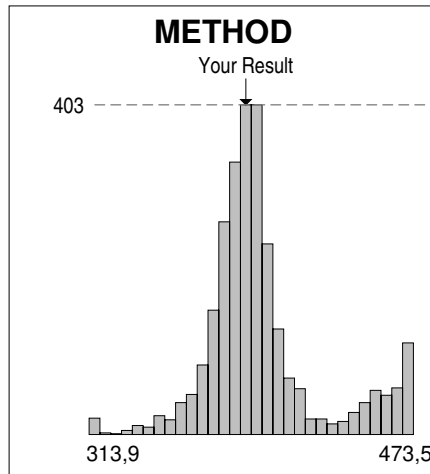
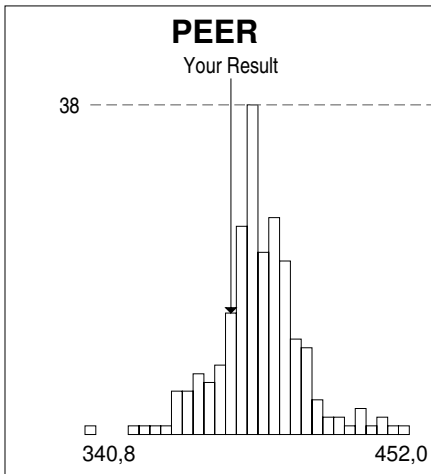
Roche cobas Integra / c 111

Your Result
391 U/L

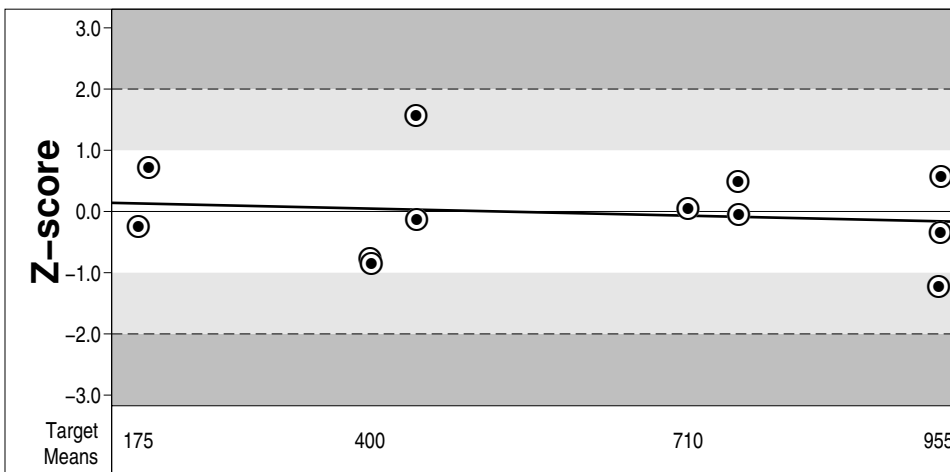
Comparative Statistics

Your Deviation

| | N | Mean | SD | CV | U ¹ | Z-score | RMZ | % |
|---------------|------|------|------|------|----------------|---------|-------|--------|
| ◆ Your Mode | 2840 | 390 | 14,0 | 3,59 | 0,657 | 0,09 | 0,08 | 0,322 |
| ■ Your Method | 2701 | 394 | 16,0 | 4,05 | 0,768 | -0,17 | -0,16 | -0,687 |
| ● Your Peer | 216 | 400 | 11,9 | 2,97 | 2,02 | -0,78 | -0,37 | -2,31 |



| | N | Mean | CV | U ¹ |
|--|-----|------|------|----------------|
| Roche cobas 6000/8000/c 311 L to P – IFCC Ref. Proc., Calibrated Dedicated Reagent | 830 | 392 | 2,37 | 0,804 |
| VITROS Microslide Series L to P – IFCC Ref. Proc., Calibrated VITROS Dry Slides Reagent Group | 332 | 461 | 2,87 | 1,82 |
| Abbott ARCHITECT/Alinity (c, i, ci ... L to P – IFCC Ref. Proc., Calibrated Factored, IFCC Correlated | 319 | 383 | 3,55 | 1,90 |
| Beckman Coulter AU Series L to P – IFCC Ref. Proc., Calibrated Dedicated Reagent | 307 | 388 | 4,47 | 2,47 |
| Roche cobas Integra / c 111 L to P – IFCC Ref. Proc., Calibrated Dedicated Reagent | 216 | 400 | 2,97 | 2,02 |
| Beckman Coulter AU Series Lactate to pyruvate Dedicated Reagent | 182 | 387 | 4,72 | 3,39 |
| Abbott ARCHITECT/Alinity (c, i, ci ... L to P – IFCC Ref. Proc., Calibrated Abbott Alinity c LDH, REF 07P74 (Factored, IF... | 123 | 391 | 3,49 | 3,08 |
| Siemens Atellica CH Analyzer L to P – IFCC Ref. Proc., Calibrated Siemens Atellica CH LDLP, REF 11097594 | 121 | 396 | 2,14 | 1,93 |
| Siemens Dimension Series Lactate to pyruvate Dedicated Reagent | 99 | 376 | 3,39 | 3,20 |



LDH 21 : 5
CYCLE SAMPLE



Lab 242687

LABORATOARELE BIOCLINICA-VACARESTI
CALEA V?C?RE?TI, NR. 300, BL. 1B, SECTOR
BUCURE?TI
ROMANIA

Lipase Report Clinical Chemistry (Monthly) Program

Cycle 21

Jul 2022 – Jul 2023

Sample No: 5

Sample Date: 28 Nov 22

Lot No: 212000



Roche cobas Integra / c 111

Your Result

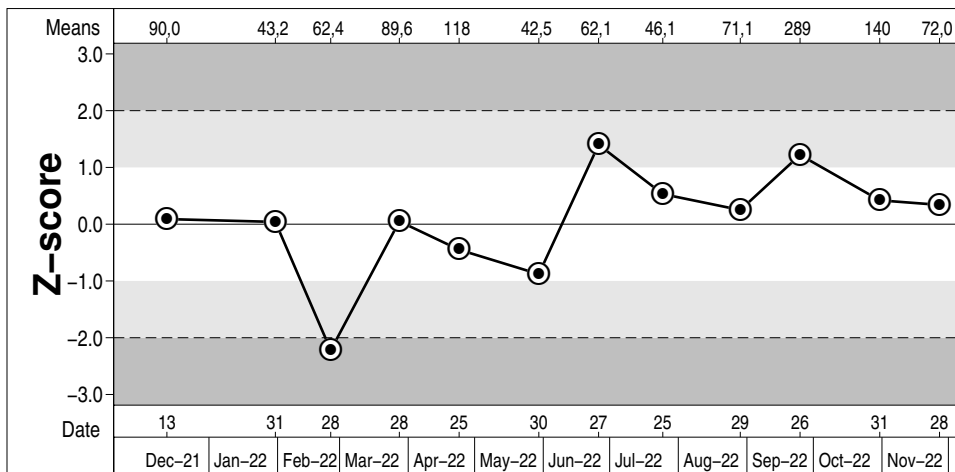
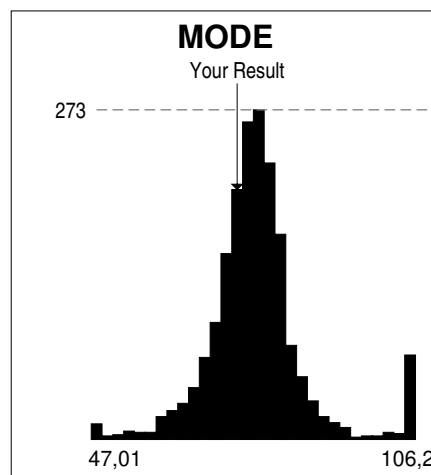
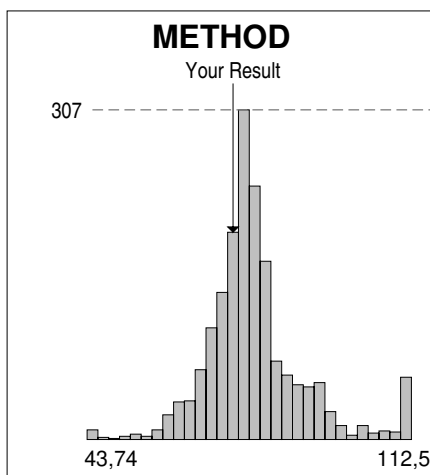
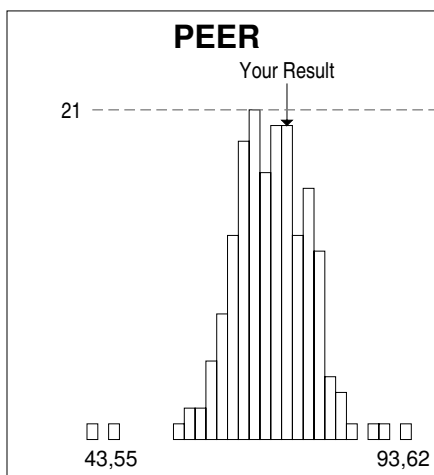
73,9 U/L

- ◆ Your Mode
- Your Method
- Your Peer

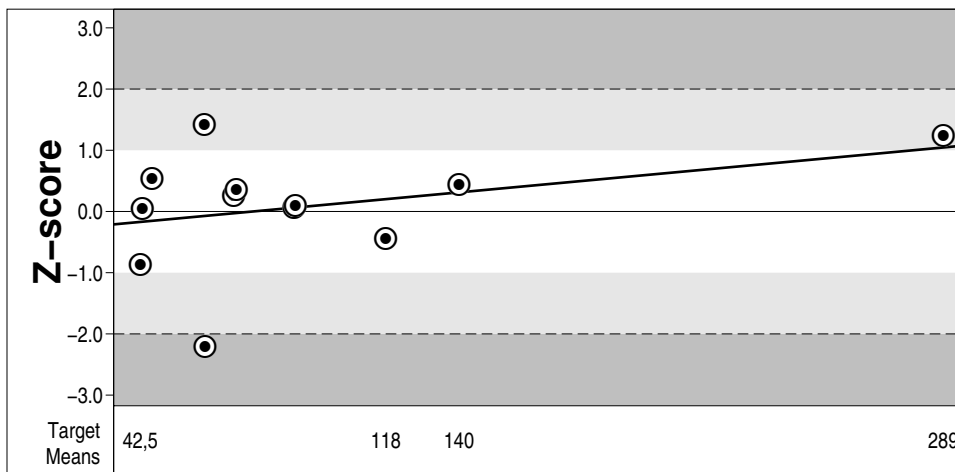
Comparative Statistics

| | N | Mean | SD | CV | U ¹ | Z-score | RMZ | % |
|-------------|------|------|------|------|----------------|---------|-------|-------|
| Your Mode | 1910 | 76,6 | 5,92 | 7,73 | 0,339 | -0,46 | -0,19 | -3,53 |
| Your Method | 1755 | 78,1 | 6,87 | 8,80 | 0,410 | -0,61 | -0,35 | -5,37 |
| Your Peer | 182 | 72,0 | 5,68 | 7,90 | 1,05 | 0,34 | 0,69 | 2,68 |

Your Deviation



| | N | Mean | CV | U ¹ |
|---|-----|------|------|----------------|
| Roche cobas 6000/8000/c 311 Enzymatic, colorimetric Dedicated Reagent | 446 | 79,0 | 4,38 | 0,410 |
| VITROS Microslide Series Enzymatic with colipase-VITROS VITROS Dry Slides Reagent Group | 360 | 957 | 3,53 | 4,45 |
| Beckman Coulter AU Series Enzymatic, colorimetric Dedicated Reagent | 319 | 75,0 | 4,63 | 0,487 |
| Roche cobas Integra / c 111 Enzymatic, colorimetric Dedicated Reagent | 182 | 72,0 | 7,90 | 1,05 |
| Abbott ARCHITECT/Alinity (c, i, ci ... Enzymatic with colipase Dedicated Reagent | 173 | 74,2 | 4,51 | 0,636 |
| Siemens Dimension Series Colorimetric (Siemens calibrated) Siemens Dimension LIPL (DF56) | 124 | 250 | 10,1 | 5,68 |
| Roche cobas 6000/8000/c 311 Enzymatic, colorimetric Roche Lipase ACN 789/8789/786/8786 high | 95 | 79,4 | 3,72 | 0,757 |
| Siemens Atellica CH Analyzer Enzymatic, colorimetric Siemens Atellica CH Lip, REF 11097606 | 93 | 92,0 | 3,37 | 0,805 |
| Roche cobas c 303/503 Enzymatic, colorimetric Roche LIPC, REF 08057982 | 65 | 76,8 | 5,07 | 1,21 |



Lipase 21 : 5

CYCLE SAMPLE



Lab 242687

LABORATOARELE BIOCLINICA-VACARESTI
CALEA V?C?RE?TI, NR. 300, BL. 1B, SECTOR
BUCURE?TI
ROMANIA

Phosphorus Report
Clinical Chemistry (Monthly) Program

Cycle 21

Jul 2022 – Jul 2023

Sample No: 5

Sample Date: 28 Nov 22

Lot No: 212000



Roche cobas Integra / c 111

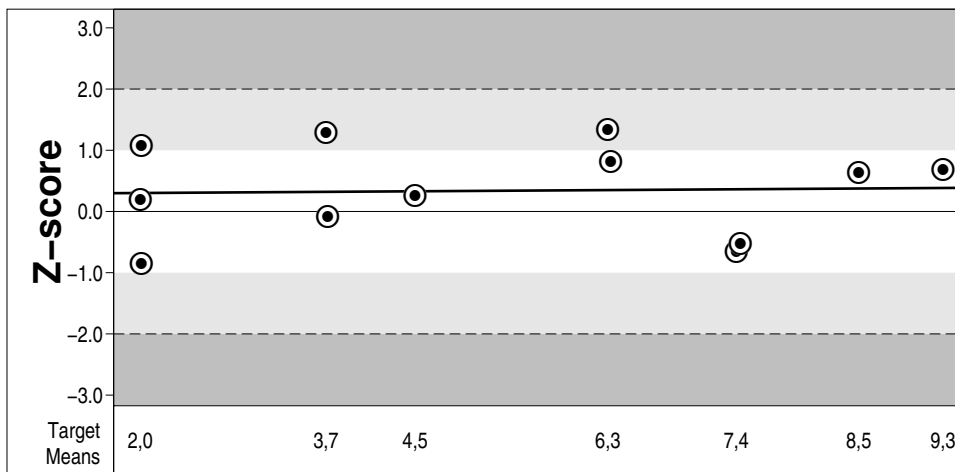
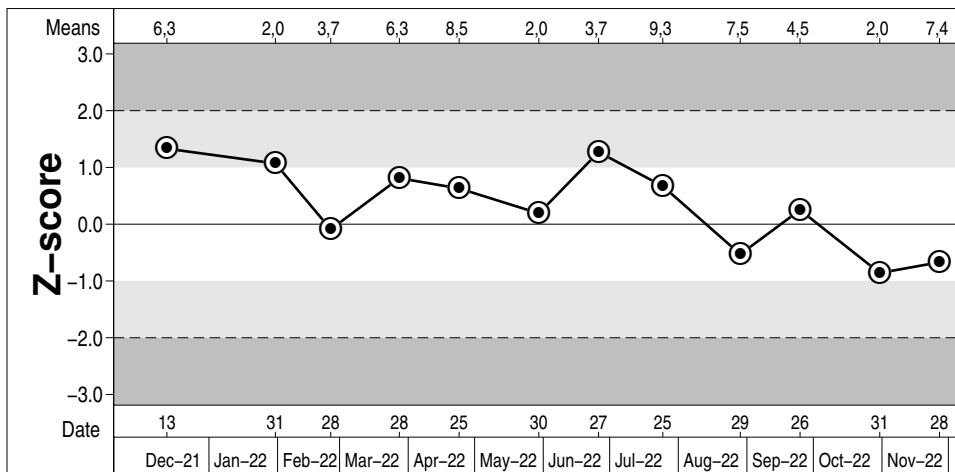
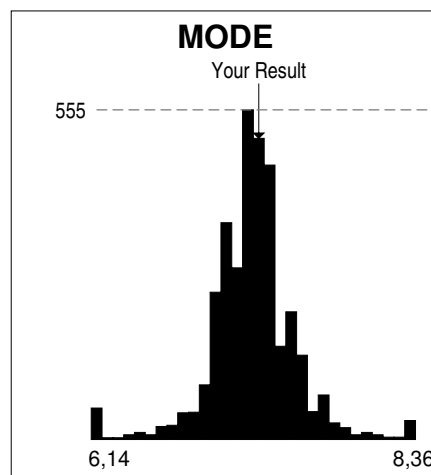
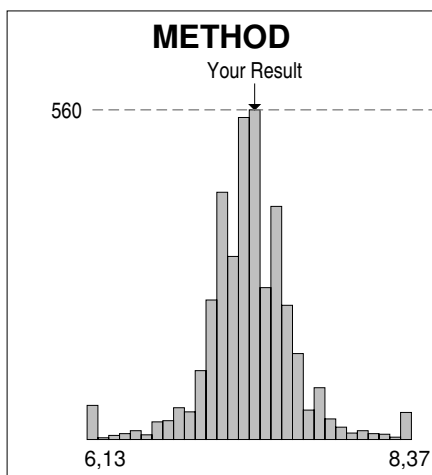
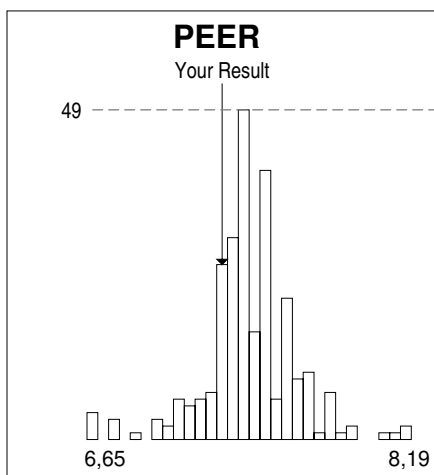
Your Result
7,32 mg/dL

- ◆ Your Mode
- Your Method
- Your Peer

Comparative Statistics

Your Deviation

| | N | Mean | SD | CV | U ¹ | Z-score | RMZ | % |
|-------------|------|------|-------|------|----------------|---------|------|-------|
| Your Mode | 3494 | 7,25 | 0,222 | 3,06 | 0,009 | 0,30 | 0,74 | 0,923 |
| Your Method | 3773 | 7,25 | 0,224 | 3,08 | 0,009 | 0,31 | 0,68 | 0,970 |
| Your Peer | 259 | 7,42 | 0,154 | 2,07 | 0,024 | -0,67 | 0,02 | -1,40 |



| | N | Mean | CV | U ¹ |
|---|-----|------|------|----------------|
| Roche cobas 6000/8000/c 311 Phosphomolybdate method Dedicated Reagent | 982 | 7,22 | 2,06 | 0,012 |
| Beckman Coulter AU Series Phosphomolybdate method Dedicated Reagent | 702 | 7,26 | 2,58 | 0,018 |
| VITROS Microslide Series Phosphomolybdate reduction-VITROS VITROS Dry Slides Reagent Group | 429 | 7,34 | 2,73 | 0,024 |
| Abbott ARCHITECT/Alinity (c, i, ci ... Phosphomolybdate method Dedicated Reagent | 354 | 7,16 | 1,61 | 0,015 |
| Roche cobas Integra / c 111 Phosphomolybdate method Dedicated Reagent | 259 | 7,42 | 2,07 | 0,024 |
| Abbott ARCHITECT/Alinity (c, i, ci ... Phosphomolybdate method Abbott Alinity c Phosphorus, REF 08P40 | 178 | 7,09 | 1,48 | 0,020 |
| Siemens Dimension Series Phosphomolybdate method Siemens Dimension PHOS, DF61A | 166 | 7,41 | 2,29 | 0,033 |
| Siemens Atellica CH Analyzer Phosphomolybdate method Siemens Atellica CH IP, REF 11097611 | 133 | 7,50 | 2,00 | 0,033 |
| Siemens ADVIA Chemistry Systems Phosphomolybdate method Dedicated Reagent | 96 | 7,38 | 2,44 | 0,046 |

Phosphorus 21 : 5
CYCLE SAMPLE



Lab 242687

LABORATOARELE BIOCLINICA-VACARESTI
CALEA V?C?RE?TI, NR. 300, BL. 1B, SECTOR
BUCURE?TI
ROMANIA

TIBC Report
Clinical Chemistry (Monthly) Program

Cycle 21

Jul 2022 – Jul 2023

Sample No: 5

Sample Date: 28 Nov 22

Lot No: 212000



Roche cobas Integra / c 111

Your Result

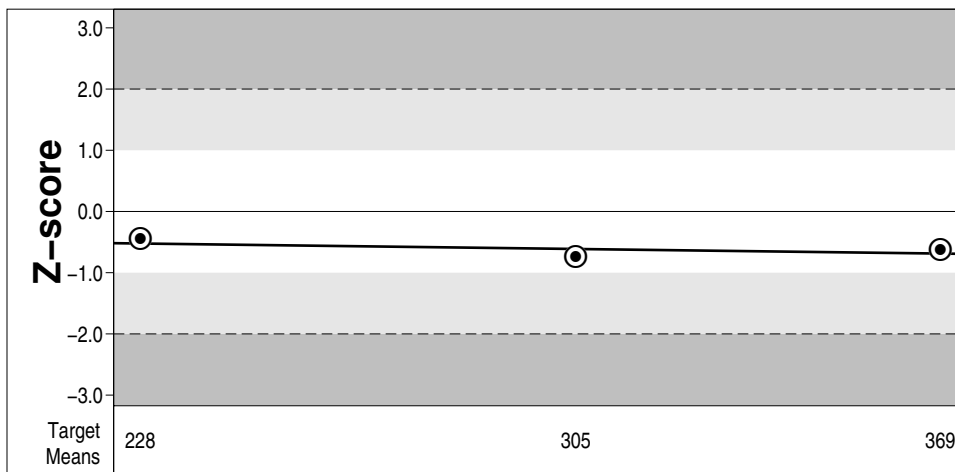
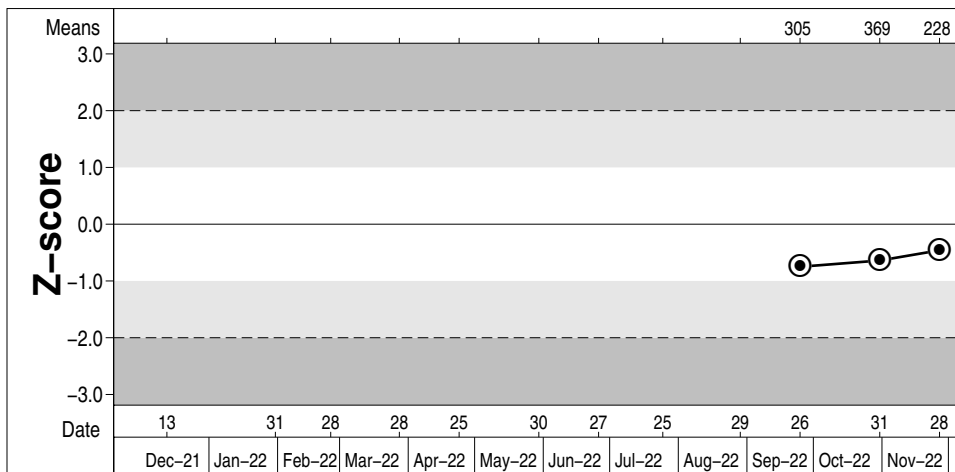
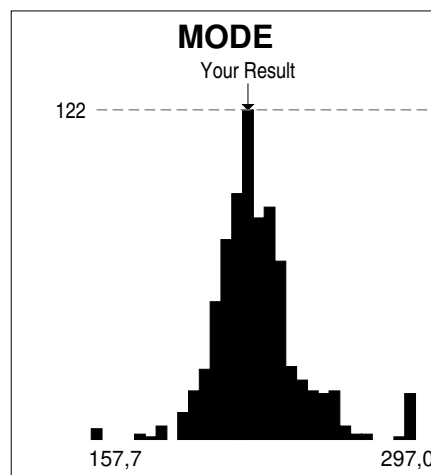
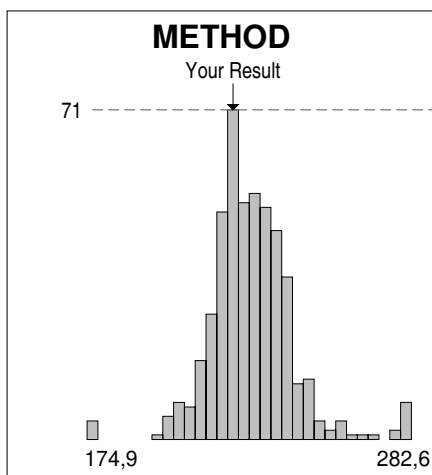
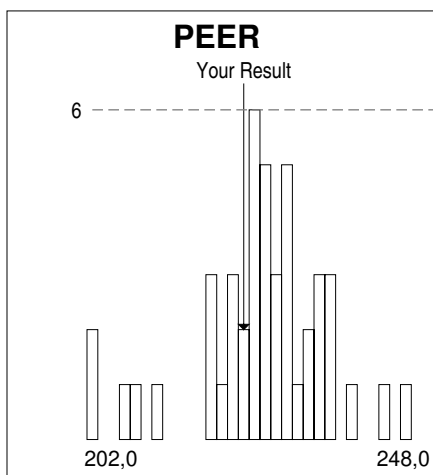
224,4 µg/dL

- ◆ Your Mode
- Your Method
- Your Peer

Comparative Statistics

Your Deviation

| | N | Mean | SD | CV | U ¹ | Z-score | RMZ | % |
|-------------|-----|------|------|------|----------------|---------|-------|-------|
| Your Mode | 767 | 227 | 13,9 | 6,12 | 1,26 | -0,21 | -0,42 | -1,30 |
| Your Method | 471 | 229 | 10,8 | 4,71 | 1,24 | -0,40 | -0,62 | -1,89 |
| Your Peer | 45 | 228 | 7,16 | 3,15 | 2,67 | -0,46 | -0,62 | -1,43 |



| | N | Mean | CV | U ¹ |
|---|-----|------|------|----------------|
| Roche cobas 6000/8000/c 311 Calculated | | | | |
| Dedicated Reagent | 179 | 224 | 3,73 | 1,56 |
| Siemens Dimension Series Ferene | | | | |
| Dedicated Reagent | 137 | 214 | 4,36 | 2,00 |
| Beckman Coulter AU Series Calculated | | | | |
| Dedicated Reagent | 132 | 238 | 3,01 | 1,56 |
| VITROS Microtip Series Chromazurol B-VITROS | | | | |
| Dedicated Reagent | 111 | 274 | 2,38 | 1,55 |
| Roche cobas Integra / c 111 Calculated | | | | |
| Dedicated Reagent | 45 | 228 | 3,15 | 2,67 |
| Siemens Atellica CH Analyzer Chromazurol Dye | | | | |
| Siemens Atellica CH TIBC, REF 11097525 | 41 | 258 | 1,77 | 1,78 |
| Abbott ARCHITECT/Alinity (c, i, ci ...) Calculated | | | | |
| Abbott Alinity c Iron/UIBC | 36 | 224 | 3,74 | 3,48 |
| Abbott ARCHITECT/Alinity (c, i, ci ...) Calculated | | | | |
| Dedicated Reagent | 26 | 223 | 3,31 | 3,61 |
| VITROS Microslide Series Alumina | | | | |
| VITROS Dry Slides Reagent Group | 24 | 273 | 4,99 | 6,96 |

TIBC 21 : 5
CYCLE SAMPLE



Lab 242687

LABORATOARELE BIOCLINICA-VACARESTI
CALEA V?C?RE?TI, NR. 300, BL. 1B, SECTOR
BUCURE?TI
ROMANIA

UIBC Report Clinical Chemistry (Monthly) Program

Cycle 21

Jul 2022 – Jul 2023

Sample No: 5

Sample Date: 28 Nov 22

Lot No: 212000



Roche cobas Integra / c 111

Your Result

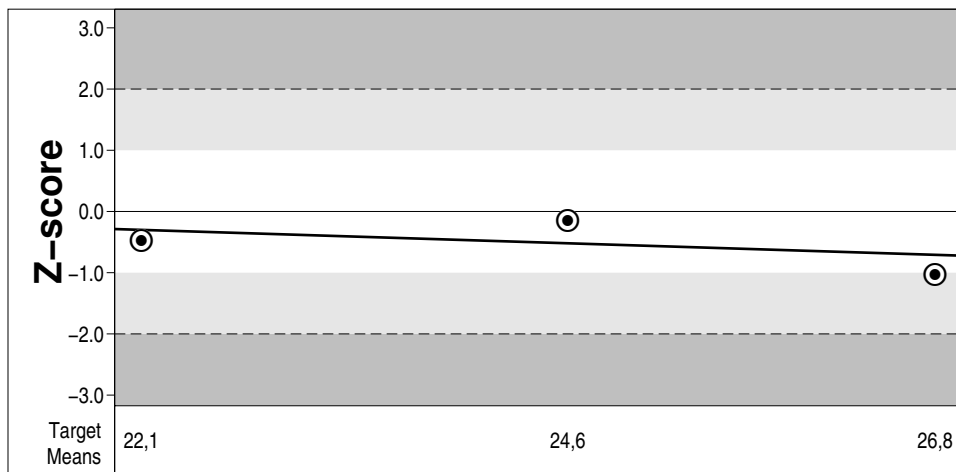
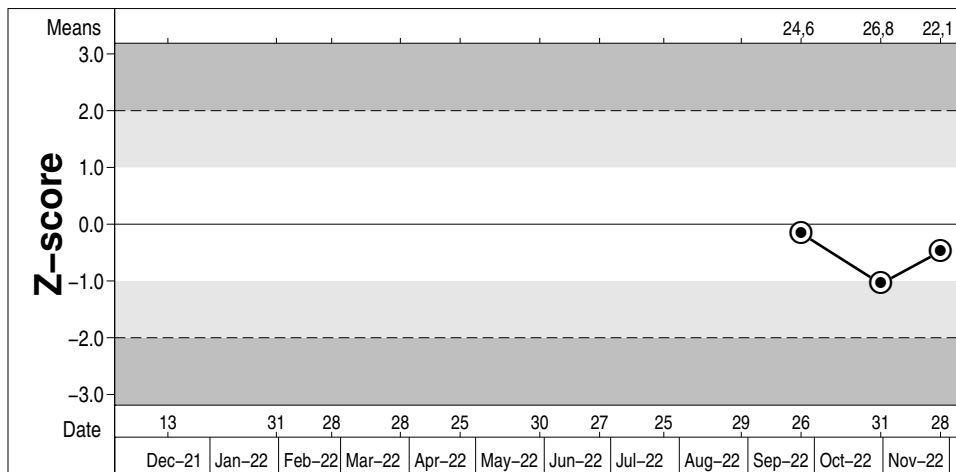
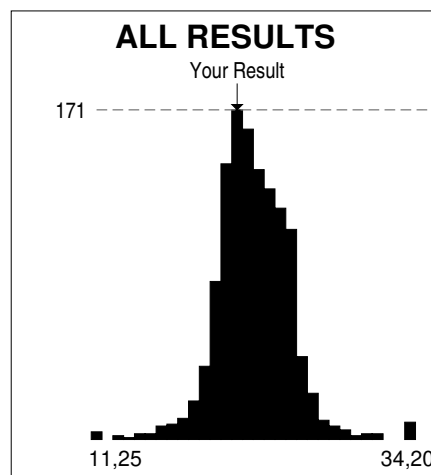
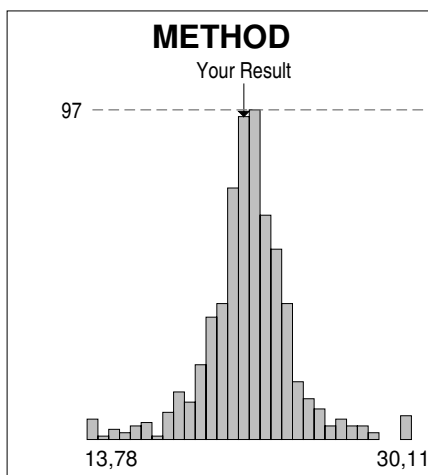
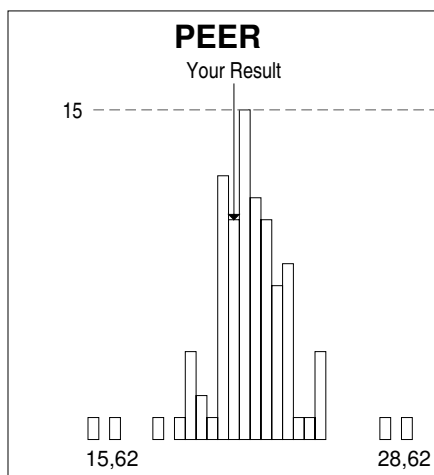
21,5 $\mu\text{mol/L}$

- ◆ All Results
- Your Method
- Your Peer

Comparative Statistics

| | N | Mean | SD | CV | U ¹ | Z-score | RMZ | % |
|-------------|------|------|------|------|----------------|---------|-------|-------|
| All Results | 1259 | 22,7 | 2,30 | 10,1 | 0,162 | -0,53 | -0,54 | -5,39 |
| Your Method | 646 | 21,9 | 1,63 | 7,44 | 0,161 | -0,27 | -0,27 | -2,04 |
| Your Peer | 92 | 22,1 | 1,30 | 5,88 | 0,339 | -0,48 | -0,56 | -2,81 |

Your Deviation



| | N | Mean | CV | U ¹ |
|--|-----|------|------|----------------|
| Beckman Coulter AU Series Nitroso-PSAP Dedicated Reagent | 329 | 25,0 | 4,00 | 0,138 |
| Roche cobas 6000/c 311 Ferrozine Dedicated Reagent | 311 | 21,9 | 6,61 | 0,205 |
| Roche cobas Integra / c 111 Ferrozine Dedicated Reagent | 92 | 22,1 | 5,88 | 0,339 |
| Abbott ARCHITECT/Alinity (c, i, ci ... Ferene Abbott Alinity c UIBC, REF 08P44 | 85 | 21,1 | 3,90 | 0,223 |
| Abbott ARCHITECT/Alinity (c, i, ci ... Ferene Dedicated Reagent | 82 | 21,3 | 7,13 | 0,419 |
| Roche cobas 8000 Ferrozine Dedicated Reagent | 80 | 22,2 | 7,68 | 0,477 |
| Archem Diagnostic BM400 Ferrozine Dedicated Reagent | 58 | 21,4 | 13,4 | 0,939 |
| Roche cobas c 303/503 Ferrozine Roche UIBC, REF 08058776 | 45 | 22,7 | 3,07 | 0,259 |
| Archem Diagnostic BM400 Ferene Dedicated Reagent | 14 | 20,7 | 8,16 | 1,13 |

UIBC 21 : 5 CYCLE SAMPLE



Lab 242687

LABORATOARELE BIOCLINICA-VACARESTI
CALEA V?C?RE?TI, NR. 300, BL. 1B, SECTOR
BUCURE?TI
ROMANIA

Alkaline Phosphatase Report Clinical Chemistry (Monthly) Program

Cycle 21

Jul 2022 – Jul 2023

Sample No: 5

Sample Date: 28 Nov 22

Lot No: 212000



Siemens Atellica CH Analyzer

Your Result

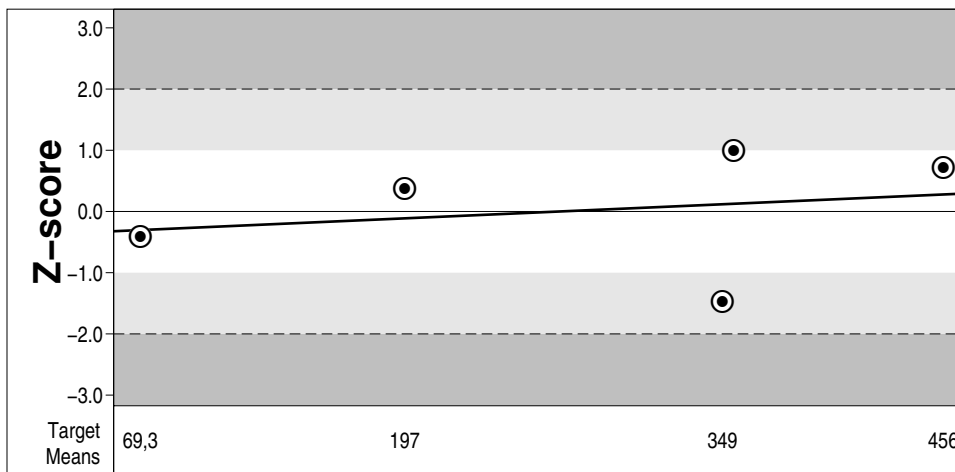
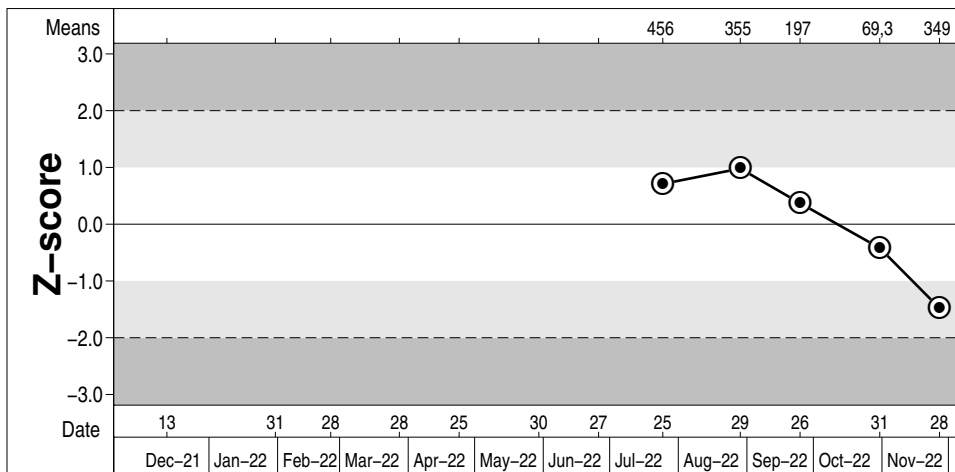
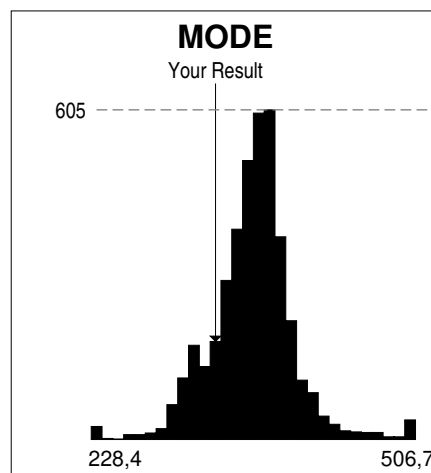
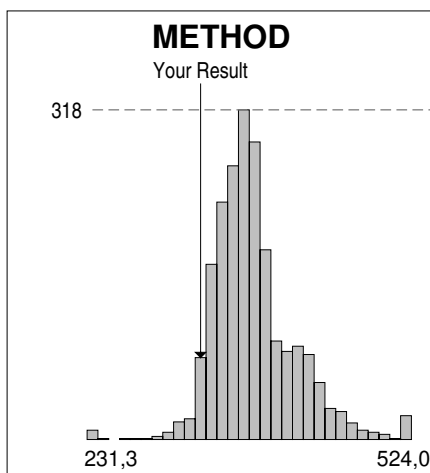
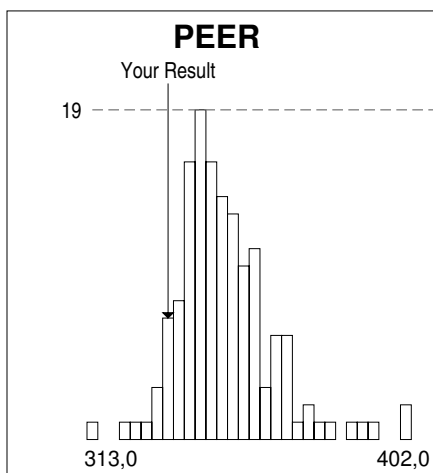
334 U/L

- ◆ Your Mode
- Your Method
- Your Peer

Comparative Statistics

Your Deviation

| | N | Mean | SD | CV | U ¹ | Z-score | RMZ | % |
|-------------|------|------|------|------|----------------|---------|-------|-------|
| Your Mode | 4094 | 368 | 27,8 | 7,57 | 1,09 | -1,21 | -0,45 | -9,13 |
| Your Method | 2115 | 378 | 29,3 | 7,75 | 1,59 | -1,49 | -0,77 | -11,6 |
| Your Peer | 146 | 349 | 10,5 | 3,01 | 2,17 | -1,48 | 0,03 | -4,43 |



| | N | Mean | CV | U ¹ |
|--|-----|------|------|----------------|
| Beckman Coulter AU Series PNPP, AMP Buffer Dedicated Reagent | 611 | 426 | 5,93 | 2,55 |
| Roche cobas 6000/c 311 PNPP, AMP Buffer – IFCC Ref. Proc., Calibrated Dedicated Reagent | 513 | 371 | 3,30 | 1,35 |
| Roche cobas 6000/c 311 PNPP, AMP Buffer Dedicated Reagent | 495 | 371 | 3,03 | 1,26 |
| VITROS Microslide Series PNPP, AMP Buffer – VITROS VITROS Dry Slides Reagent Group | 482 | 317 | 4,79 | 1,73 |
| Abbott ARCHITECT/Alinity (c, i, ci ... PNPP, AMP Buffer Dedicated Reagent | 365 | 385 | 4,12 | 2,08 |
| Beckman Coulter AU Series PNPP, AMP Buffer – IFCC Ref. Proc., Calibrated Dedicated Reagent | 254 | 427 | 5,67 | 3,80 |
| Siemens Dimension Series PNPP, AMP Buffer – IFCC Ref. Proc., Calibrated Dedicated Reagent | 197 | 354 | 4,70 | 2,96 |
| Roche cobas Integra / c 111 PNPP, AMP Buffer – IFCC Ref. Proc., Calibrated Dedicated Reagent | 191 | 390 | 4,88 | 3,44 |
| Roche cobas Integra / c 111 PNPP, AMP Buffer Dedicated Reagent | 191 | 384 | 4,41 | 3,06 |

Alkaline Phosphatase 21 : 5

CYCLE SAMPLE



Lab 242687

LABORATOARELE BIOCLINICA-VACARESTI
CALEA V?C?RE?TI, NR. 300, BL. 1B, SECTOR
BUCURE?TI
ROMANIA

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

Cycle 21

Jul 2022 – Jul 2023
Sample No: 5
Sample Date: 28 Nov 22
Lot No: 212000



Siemens Atellica CH Analyzer

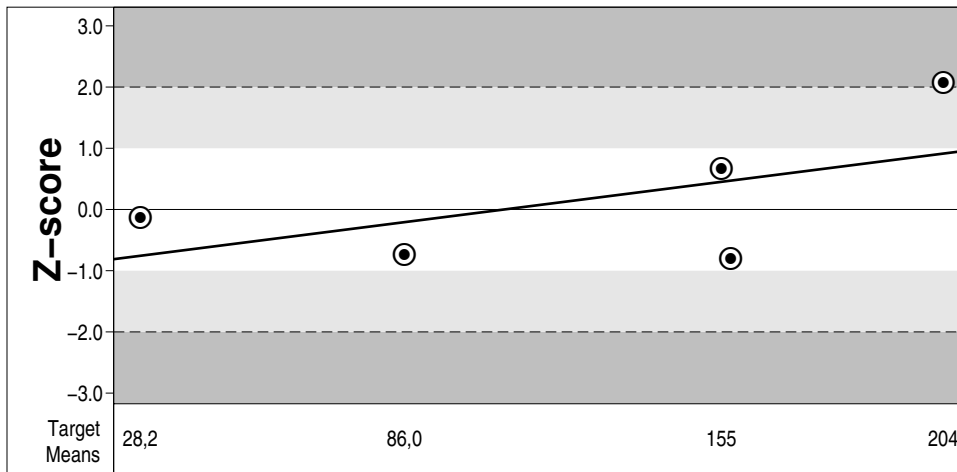
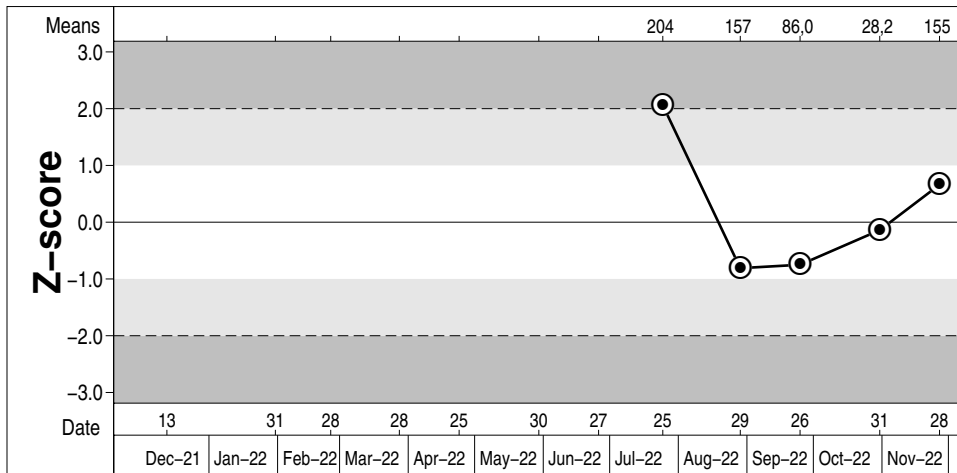
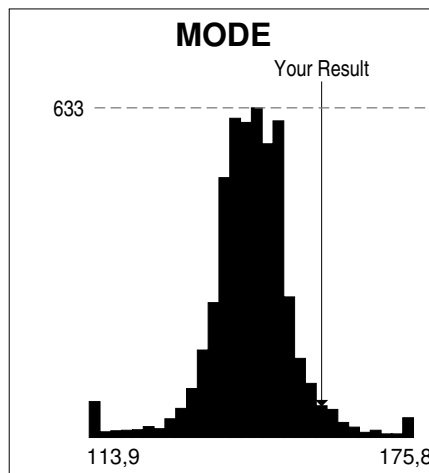
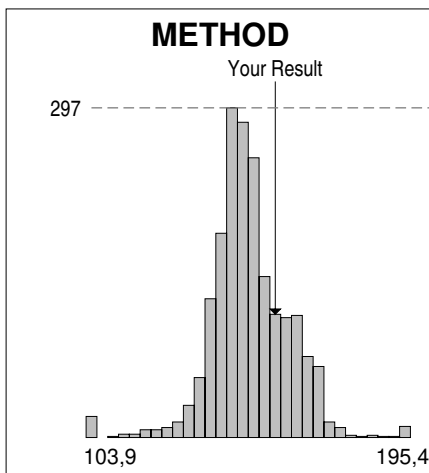
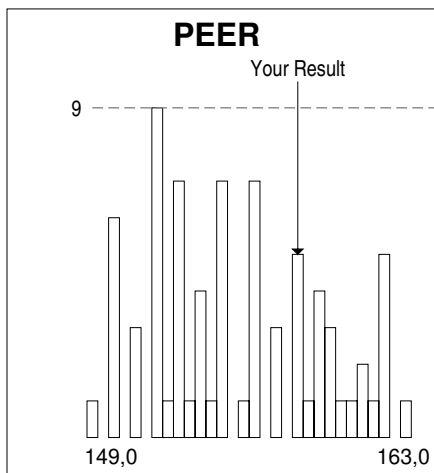
Your Result
158 U/L

- ◆ Your Mode
- Your Method
- Your Peer

Comparative Statistics

| | N | Mean | SD | CV | U ¹ | Z-score | RMZ | % |
|-------------|------|------|------|------|----------------|---------|------|------|
| Your Mode | 5061 | 145 | 6,19 | 4,27 | 0,217 | 2,13 | 1,59 | 9,09 |
| Your Method | 1942 | 150 | 9,16 | 6,12 | 0,520 | 0,91 | 0,59 | 5,57 |
| Your Peer | 74 | 155 | 4,00 | 2,58 | 1,16 | 0,66 | 0,20 | 1,71 |

Your Deviation



| | N | Mean | CV | U ¹ |
|--|------|------|------|----------------|
| Roche cobas 6000/8000/c 311 UV without P5P Dedicated Reagent | 1071 | 142 | 2,25 | 0,244 |
| Beckman Coulter AU Series UV without P5P BC AU Calibrator 66300 | 451 | 148 | 2,69 | 0,468 |
| Abbott ARCHITECT/Alinity (c, i, ci ... UV without P5P Dedicated Reagent | 420 | 147 | 3,02 | 0,541 |
| Beckman Coulter AU Series UV with P5P – IFCC Ref. Proc., Calibrated Dedicated Reagent | 403 | 148 | 3,18 | 0,585 |
| Roche cobas Integra / c 111 UV without P5P Dedicated Reagent | 364 | 139 | 2,66 | 0,486 |
| VITROS Microslide Series UV with P5P-VITROS VITROS Dry Slides Reagent Group | 276 | 146 | 3,16 | 0,696 |
| VITROS Microslide Series UV with P5P – IFCC Ref. Proc., Calibrated VITROS Dry Slides Reagent Group | 232 | 146 | 2,84 | 0,681 |
| Siemens Dimension Series UV with P5P – IFCC Ref. Proc., Calibrated Dedicated Reagent | 206 | 161 | 2,93 | 0,822 |
| Roche cobas 6000/8000/c 311 UV with P5P – IFCC Ref. Proc., Calibrated Factored, IFCC Correlated | 196 | 144 | 3,10 | 0,796 |

ALT (ALAT/GPT) 21 : 5
CYCLE SAMPLE



Lab 242687

LABORATOARELE BIOCLINICA-VACARESTI
CALEA V?C?RE?TI, NR. 300, BL. 1B, SECTOR
BUCURE?TI
ROMANIA

Amylase Report Clinical Chemistry (Monthly) Program

Cycle 21

Jul 2022 – Jul 2023

Sample No: 5

Sample Date: 28 Nov 22

Lot No: 212000



Siemens Atellica CH Analyzer

Your Result

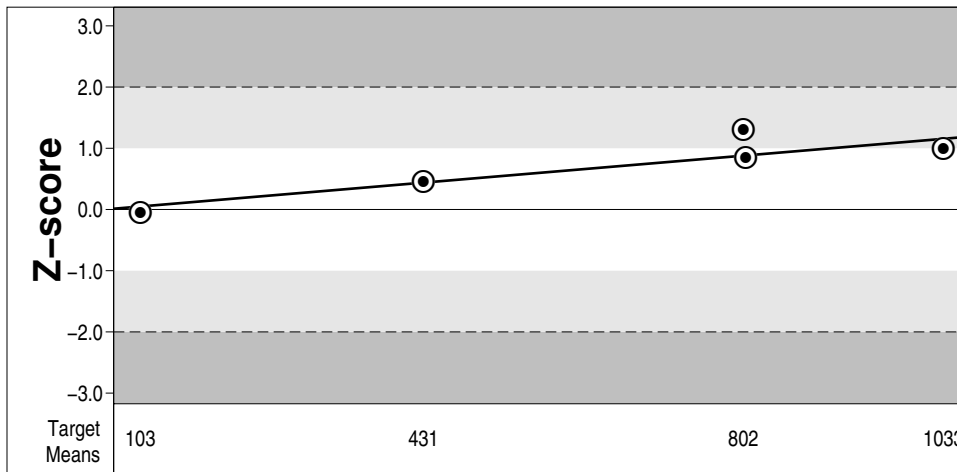
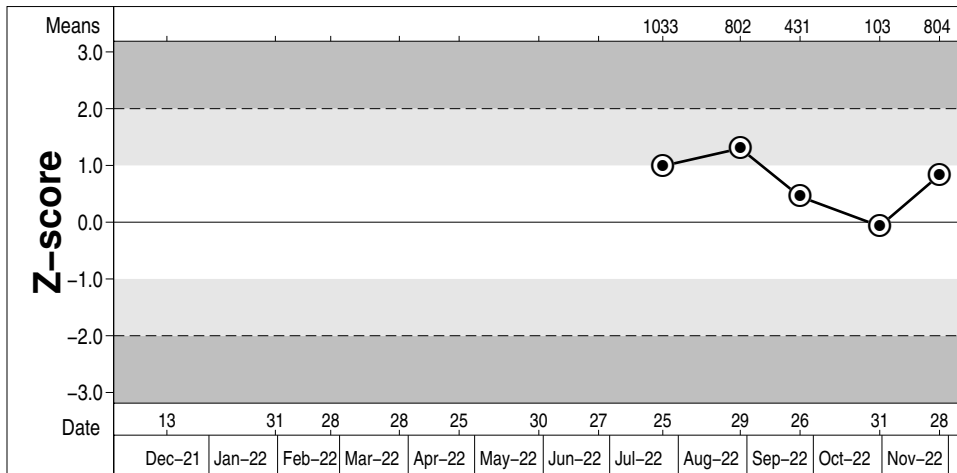
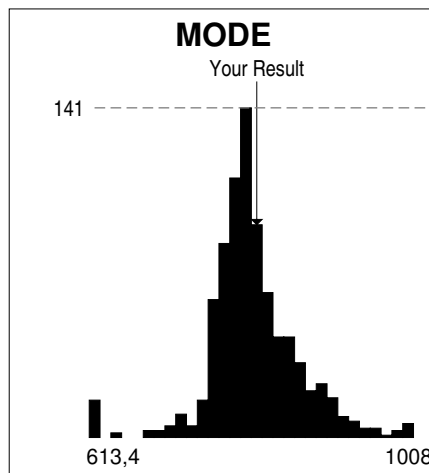
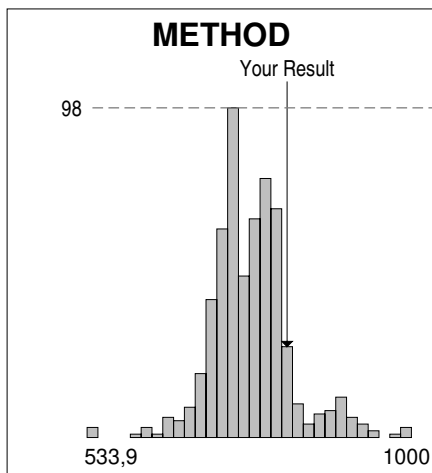
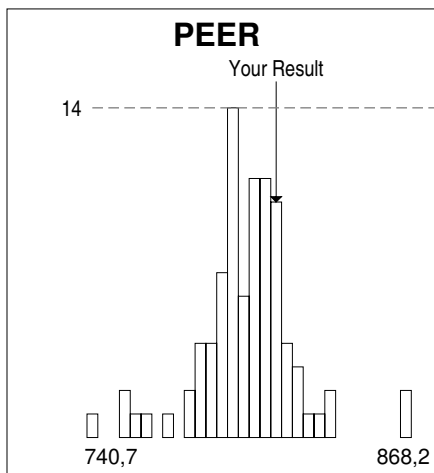
815 U/L

- ◆ Your Mode
- Your Method
- Your Peer

Comparative Statistics

Your Deviation

| | N | Mean | SD | CV | U ¹ | Z-score | RMZ | % |
|-------------|-----|------|------|------|----------------|---------|------|-------|
| Your Mode | 819 | 811 | 39,4 | 4,87 | 3,44 | 0,11 | 1,16 | 0,550 |
| Your Method | 590 | 767 | 46,6 | 6,08 | 4,80 | 1,03 | 1,04 | 6,26 |
| Your Peer | 88 | 804 | 12,7 | 1,58 | 3,40 | 0,83 | 0,70 | 1,31 |



| | N | Mean | CV | U ¹ |
|---|-----|------|------|----------------|
| Roche cobas 6000/8000/c 311 G7 PNP, Blocked Dedicated Reagent | 866 | 686 | 1,97 | 1,15 |
| VITROS Microslide Series Amylopectin, colorimetric-VITROS VITROS Dry Slides Reagent Group | 378 | 373 | 4,22 | 2,03 |
| Beckman Coulter AU Series CNP-triose/CNPG3 Dedicated Reagent | 317 | 765 | 4,68 | 5,03 |
| Abbott ARCHITECT/Alinity (c, i, ci ... CNP-triose/CNPG3 Dedicated Reagent | 305 | 799 | 3,61 | 4,13 |
| Beckman Coulter AU Series G7 PNP, Blocked - IFCC Ref. Proc., Calibrated Dedicated Reagent | 259 | 742 | 3,60 | 4,15 |
| Roche cobas Integra / c 111 G7 PNP, Blocked Dedicated Reagent | 244 | 704 | 2,07 | 2,33 |
| Siemens Dimension Series CNP-triose/CNPG3 Dedicated Reagent | 199 | 909 | 2,42 | 3,89 |
| Siemens Atellica CH Analyzer G7 PNP, Blocked - IFCC Ref. Proc., Calibrated Siemens Atellica CH AMY_2 REF 11097649 | 88 | 804 | 1,58 | 3,40 |
| Abbott ARCHITECT/Alinity (c, i, ci ... CNP-triose/CNPG3 Abbott Alinity c, Amylase, REF 07P58 | 81 | 828 | 4,32 | 9,93 |

Amylase 21 : 5

CYCLE SAMPLE



Lab 242687

LABORATOARELE BIOCLINICA-VACARESTI
CALEA V?C?RE?TI, NR. 300, BL. 1B, SECTOR
BUCURE?TI
ROMANIA

AST/GOT Report Clinical Chemistry (Monthly) Program

Cycle 21

Jul 2022 – Jul 2023

Sample No: 5

Sample Date: 28 Nov 22

Lot No: 212000



Siemens Atellica CH Analyzer

Your Result

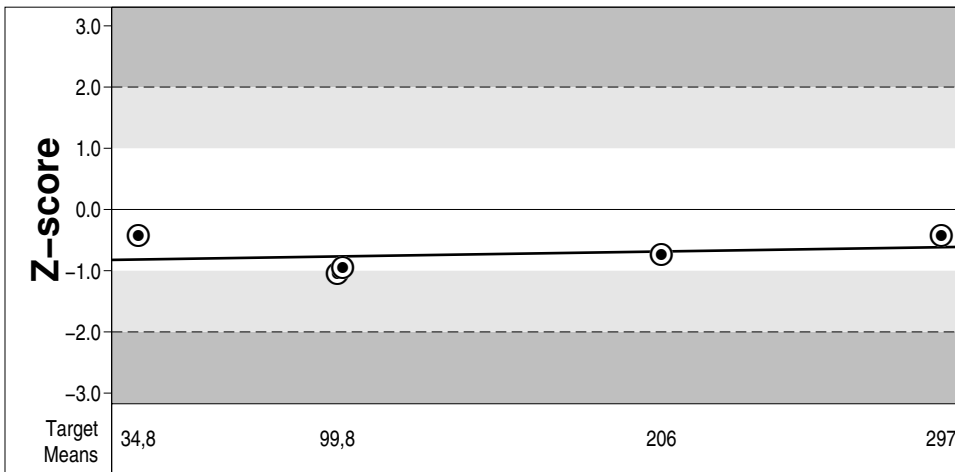
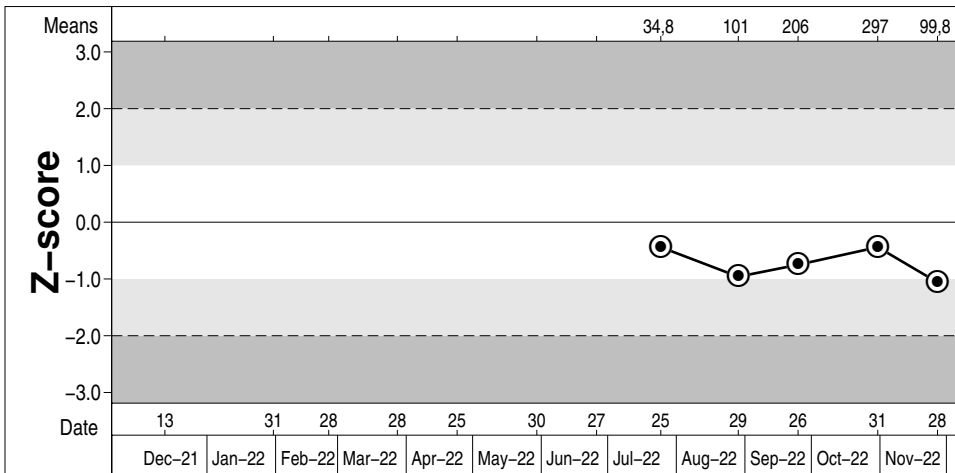
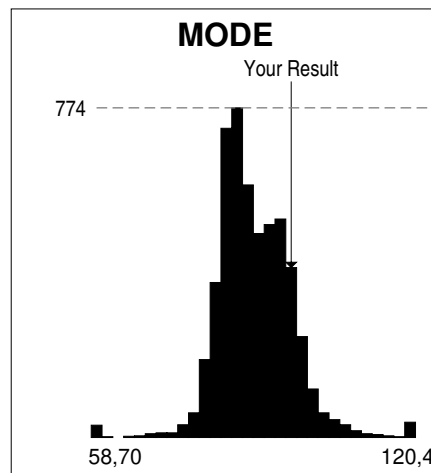
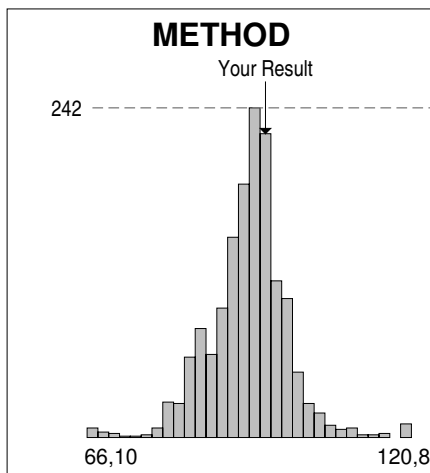
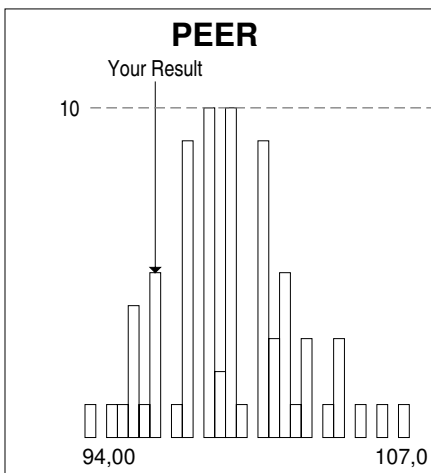
97 U/L

- ◆ Your Mode
- Your Method
- Your Peer

Comparative Statistics

| | N | Mean | SD | CV | U ¹ | Z-score | RMZ | % |
|-------------|------|------|------|------|----------------|---------|-------|-------|
| Your Mode | 5243 | 89,5 | 6,17 | 6,89 | 0,213 | 1,21 | 1,40 | 8,34 |
| Your Method | 1519 | 93,4 | 5,47 | 5,85 | 0,351 | 0,65 | 0,78 | 3,81 |
| Your Peer | 73 | 99,8 | 2,63 | 2,63 | 0,769 | -1,06 | -0,73 | -2,78 |

Your Deviation



| | N | Mean | CV | U ¹ |
|---|-----|------|------|----------------|
| Roche cobas 6000/8000/c 311 UV without P5P Dedicated Reagent | 998 | 86,4 | 2,77 | 0,190 |
| Abbott ARCHITECT/Alinity (c, i, ci ... UV without P5P Dedicated Reagent | 416 | 84,6 | 2,51 | 0,260 |
| Beckman Coulter AU Series UV without P5P BC AU Calibrator 66300 | 413 | 93,9 | 3,13 | 0,362 |
| Beckman Coulter AU Series UV with P5P – IFCC Ref. Proc., Calibrated Dedicated Reagent | 392 | 93,8 | 3,44 | 0,407 |
| Roche cobas Integra / c 111 UV without P5P Dedicated Reagent | 366 | 84,9 | 3,49 | 0,387 |
| VITROS Microslide Series Enzymatic, colorimetric-VITROS VITROS Dry Slides Reagent Group | 276 | 101 | 3,50 | 0,534 |
| Siemens Dimension Series UV with P5P Dedicated Reagent | 271 | 92,0 | 4,69 | 0,655 |
| VITROS Microslide Series UV with P5P-VITROS VITROS Dry Slides Reagent Group | 217 | 101 | 3,31 | 0,567 |
| Roche cobas 6000/8000/c 311 UV with P5P – IFCC Ref. Proc., Calibrated Factored, IFCC Correlated | 201 | 90,7 | 6,90 | 1,10 |

AST/GOT 21 : 5

CYCLE SAMPLE



Lab 242687

LABORATOARELE BIOCLINICA-VACARESTI
CALEA V?C?RE?TI, NR. 300, BL. 1B, SECTOR
BUCURE?TI
ROMANIA

Bilirubin, Direct Report Clinical Chemistry (Monthly) Program

Cycle 21

Jul 2022 – Jul 2023

Sample No: 5

Sample Date: 28 Nov 22

Lot No: 212000



Siemens Atellica CH Analyzer

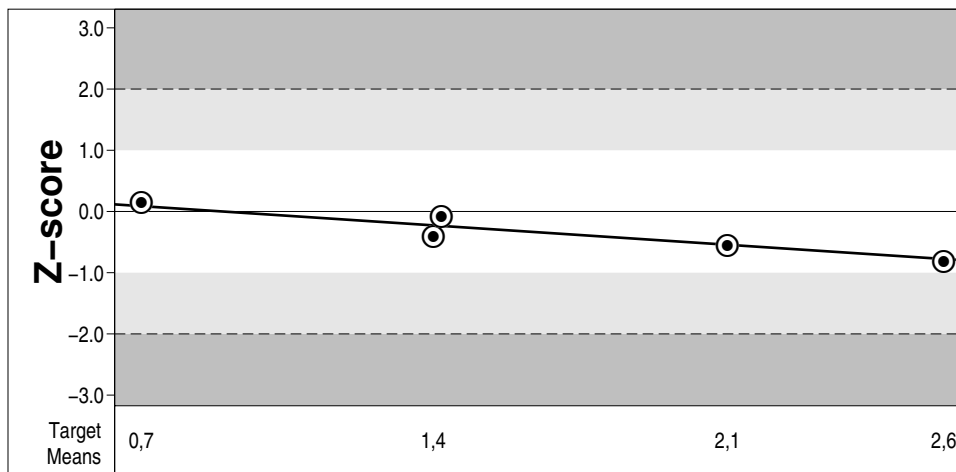
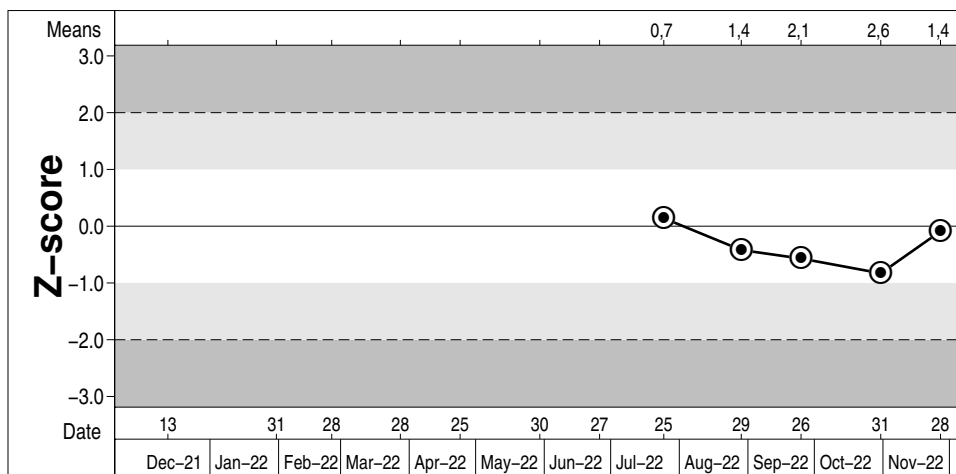
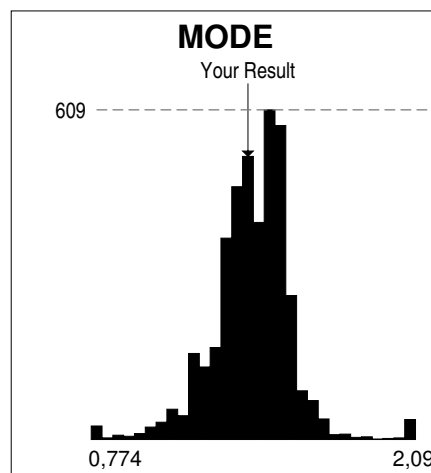
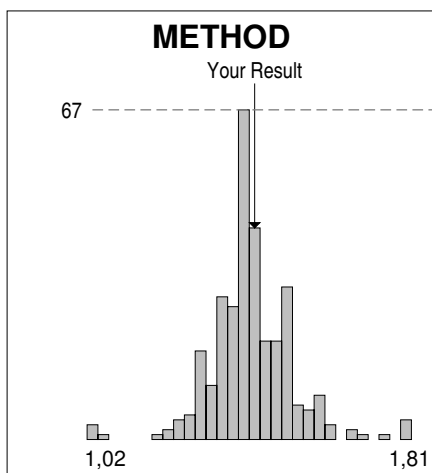
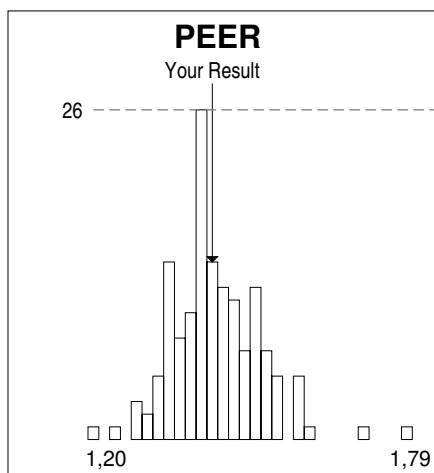
Your Result
1,42 mg/dL

- ◆ Your Mode
- Your Method
- Your Peer

Comparative Statistics

| | N | Mean | SD | CV | U ¹ | Z-score | RMZ | % |
|-------------|------|------|-------|------|----------------|---------|-------|--------|
| Your Mode | 4160 | 1,43 | 0,131 | 9,17 | 0,005 | -0,08 | -0,49 | -0,719 |
| Your Method | 315 | 1,42 | 0,079 | 5,54 | 0,011 | 0,04 | -0,21 | 0,213 |
| Your Peer | 146 | 1,43 | 0,074 | 5,16 | 0,015 | -0,09 | -0,35 | -0,483 |

Your Deviation



| | N | Mean | CV | U ¹ |
|--|-----|-------|------|----------------|
| Beckman Coulter AU Series | | | | |
| Diazotization | | | | |
| Dedicated Reagent | 838 | 1,36 | 3,69 | 0,004 |
| Roche cobas 6000/8000/c 311 | | | | |
| Diazotization | | | | |
| Jendrassik-Grof Roche Direct Bilirubin | 768 | 1,53 | 2,95 | 0,004 |
| Abbott ARCHITECT/Alinity (c, i, ci ...) | | | | |
| Diazotization | | | | |
| Dedicated Reagent | 414 | 1,50 | 4,50 | 0,008 |
| Siemens Dimension Series | | | | |
| Diazotization | | | | |
| Dedicated Reagent | 314 | 0,976 | 5,49 | 0,008 |
| Roche cobas 6000/8000/c 311 | | | | |
| Diazotization | | | | |
| Dumas Roche Direct Bilirubin | 294 | 1,43 | 10,5 | 0,022 |
| Roche cobas Integra / c 111 | | | | |
| Diazotization | | | | |
| Jendrassik-Grof Roche Direct Bilirubin | 288 | 1,50 | 4,30 | 0,010 |
| VITROS Microslide Series | | | | |
| Spectrophotometric | | | | |
| VITROS Dry Slides Reagent Group | 211 | 0,481 | 22,3 | 0,018 |
| Abbott ARCHITECT/Alinity (c, i, ci ...) | | | | |
| Diazotization | | | | |
| Abbott Alinity c Bili D, REF 07P97 | 185 | 1,47 | 4,24 | 0,011 |
| Siemens Atellica CH Analyzer | | | | |
| Vanadate Oxidation | | | | |
| Siemens Atellica CH DBil_2, REF 11097532 | 146 | 1,43 | 5,16 | 0,015 |

Bilirubin, Direct 21 : 5
CYCLE SAMPLE



Lab 242687

LABORATOARELE BIOCLINICA-VACARESTI
CALEA V?C?RE?TI, NR. 300, BL. 1B, SECTOR
BUCURE?TI
ROMANIA

Bilirubin, Total Report Clinical Chemistry (Monthly) Program

Cycle 21

Jul 2022 – Jul 2023

Sample No: 5

Sample Date: 28 Nov 22

Lot No: 212000



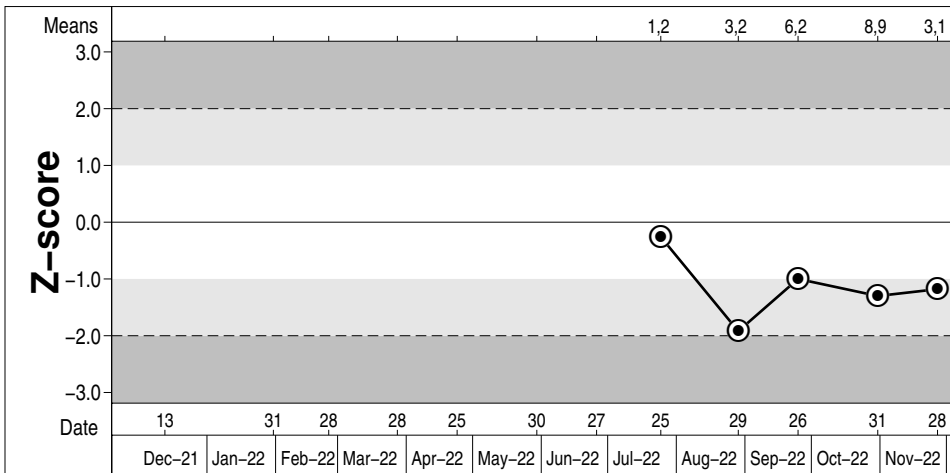
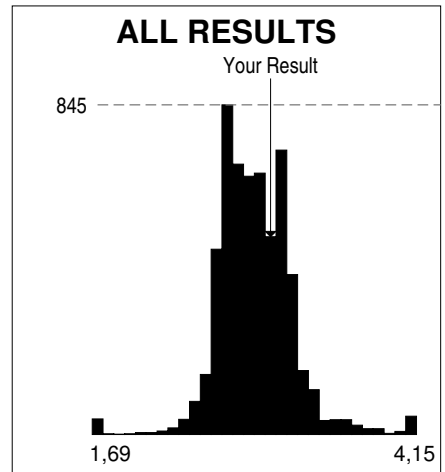
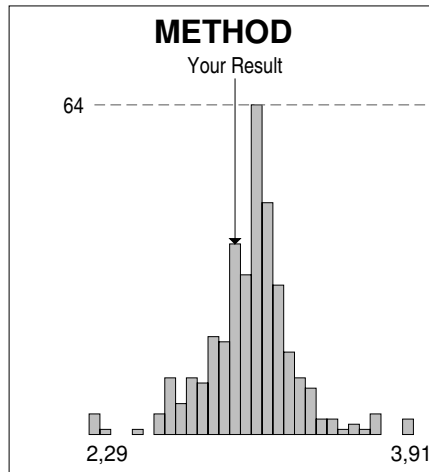
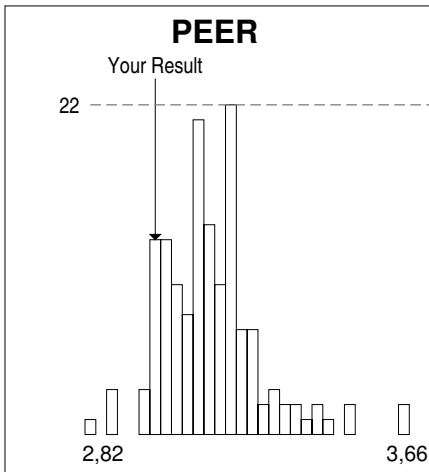
Siemens Atellica CH Analyzer

Your Result
3,01 mg/dL

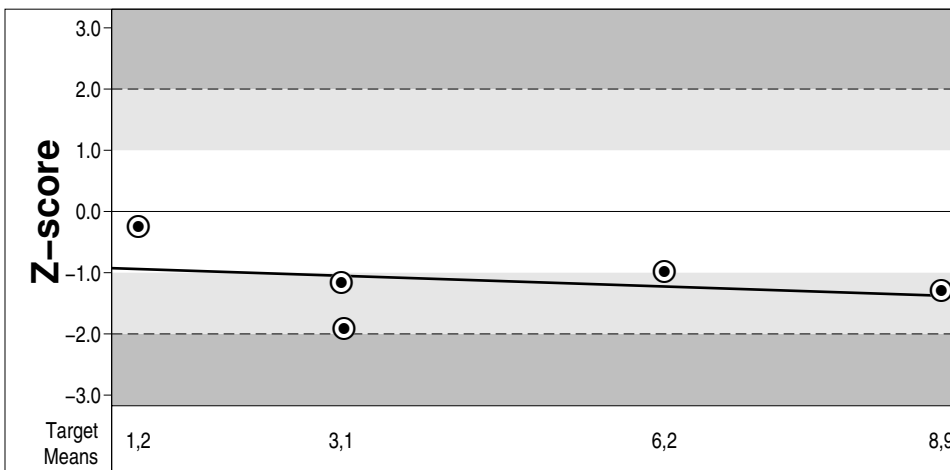
Comparative Statistics

Your Deviation

| | N | Mean | SD | CV | U ¹ | Z-score | RMZ | % |
|---------------|------|------|-------|------|----------------|---------|-------|-------|
| ◆ All Results | 5853 | 2,92 | 0,246 | 8,44 | 0,008 | 0,37 | 0,48 | 3,14 |
| ■ Your Method | 344 | 3,10 | 0,162 | 5,22 | 0,022 | -0,55 | -0,55 | -2,87 |
| ◎ Your Peer | 149 | 3,13 | 0,105 | 3,34 | 0,021 | -1,18 | -1,13 | -3,95 |



| | N | Mean | CV | U ¹ |
|---|------|------|------|----------------|
| Roche cobas 6000/8000/c 311 Diazonium Ion, Blanked (Roche) Dedicated Reagent | 1230 | 2,71 | 2,98 | 0,006 |
| Beckman Coulter AU Series Diazonium Ion Dedicated Reagent | 902 | 3,13 | 2,53 | 0,007 |
| Abbott ARCHITECT/Alinity (c, i, ci ... Diazonium Ion Dedicated Reagent | 454 | 2,95 | 4,54 | 0,016 |
| VITROS Microslide Series Diphylline, Diazonium Salt-VITROS VITROS Dry Slides Reagent Group | 439 | 2,80 | 5,62 | 0,019 |
| Roche cobas Integra / c 111 Diazonium Ion, Blanked (Roche) Dedicated Reagent | 410 | 2,79 | 4,31 | 0,015 |
| Siemens Dimension Series Diazonium Ion Dedicated Reagent | 367 | 2,96 | 3,48 | 0,013 |
| Abbott ARCHITECT/Alinity (c, i, ci ... Diazonium Ion Abbott Alinity c Bili Total, REF 04V51 | 197 | 2,99 | 4,19 | 0,022 |
| Siemens Atellica CH Analyzer Vanadate Oxidation Siemens Atellica CH TBIL_2, REF 11097531 | 149 | 3,13 | 3,34 | 0,021 |
| Roche cobas c 303/503 Diazonium Ion, Blanked (Roche) Roche BILT3, REF 08056960 | 101 | 2,61 | 3,06 | 0,020 |



Bilirubin, Total 21 : 5
CYCLE SAMPLE



Lab 242687

LABORATOARELE BIOCLINICA-VACARESTI
CALEA V?C?RE?TI, NR. 300, BL. 1B, SECTOR
BUCURE?TI
ROMANIA

Calcium Report Clinical Chemistry (Monthly) Program

Cycle 21

Jul 2022 – Jul 2023

Sample No: 5

Sample Date: 28 Nov 22

Lot No: 212000



Siemens Atellica CH Analyzer

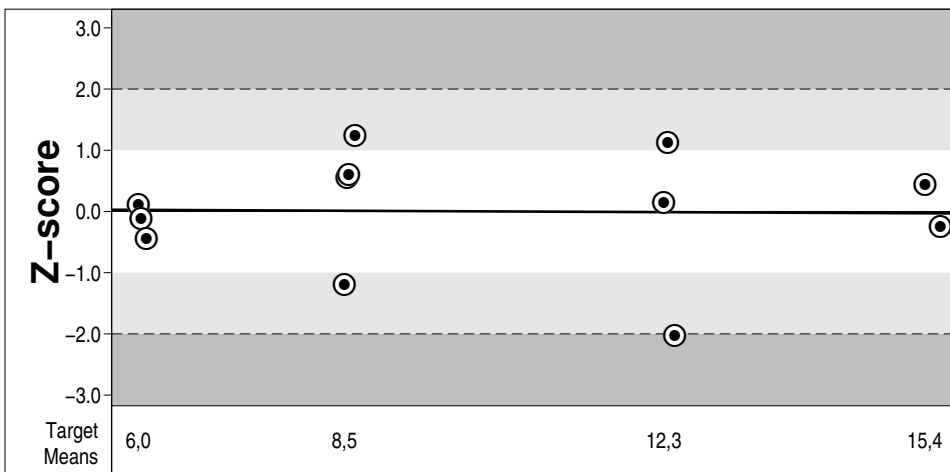
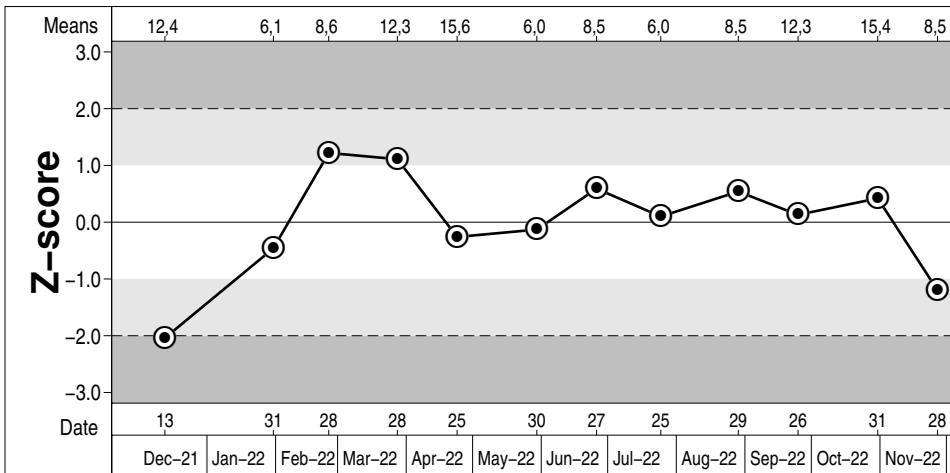
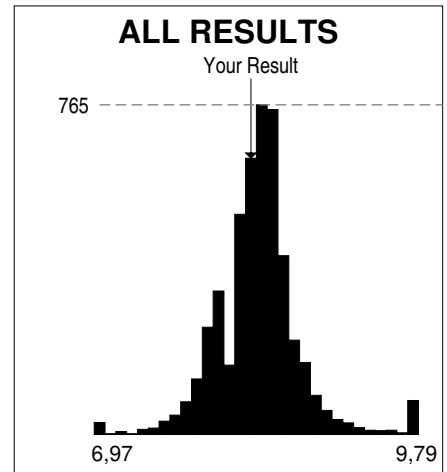
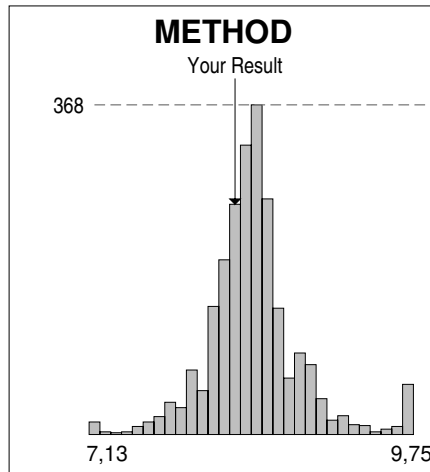
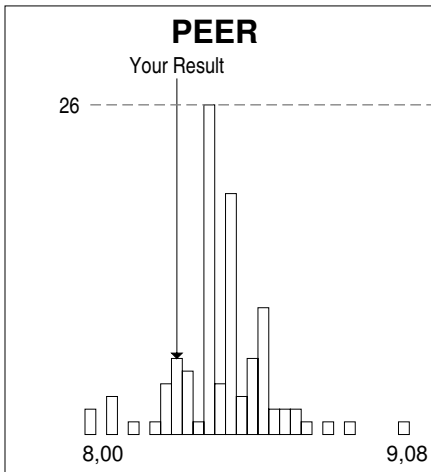
Your Result
8,3 mg/dL

- ◆ All Results
- Your Method
- ◎ Your Peer

Comparative Statistics

| | N | Mean | SD | CV | U ¹ | Z-score | RMZ | % |
|-------------|------|------|-------|------|----------------|---------|------|--------|
| All Results | 4899 | 8,38 | 0,282 | 3,36 | 0,010 | -0,29 | 0,30 | -0,984 |
| Your Method | 2346 | 8,44 | 0,263 | 3,11 | 0,014 | -0,53 | 0,17 | -1,65 |
| Your Peer | 101 | 8,45 | 0,126 | 1,49 | 0,031 | -1,20 | 0,10 | -1,79 |

Your Deviation



| | N | Mean | CV | U ¹ |
|---|-----|------|------|----------------|
| Roche cobas 6000/8000/c 311 BAPTA Dedicated Reagent | 884 | 8,45 | 2,02 | 0,014 |
| Beckman Coulter AU Series Arsenazo III Dedicated Reagent | 699 | 8,51 | 1,91 | 0,015 |
| VITROS Microslide Series Arsenazo III-VITROS VITROS Dry Slides Reagent Group | 480 | 8,08 | 2,15 | 0,020 |
| Abbott ARCHITECT/Alinity (c, i, ci ... Arsenazo III Dedicated Reagent | 416 | 8,24 | 2,39 | 0,024 |
| Siemens Dimension Series o-cresolphthalein complexone Dedicated Reagent | 290 | 8,16 | 3,19 | 0,038 |
| Roche cobas Integra / c 111 BAPTA Dedicated Reagent | 281 | 8,39 | 2,26 | 0,028 |
| Abbott ARCHITECT/Alinity (c, i, ci ... Arsenazo III Abbott Alinity c Calcium, REF 07P57 | 200 | 8,34 | 2,14 | 0,032 |
| Roche cobas 6000/8000/c 311 o-cresolphthalein complexone Dedicated Reagent | 185 | 8,47 | 1,98 | 0,031 |
| Siemens Atellica CH Analyzer Arsenazo III Siemens Atellica CH CA_2, REF 11097644 | 101 | 8,45 | 1,49 | 0,031 |

Calcium 21 : 5
CYCLE SAMPLE



Lab 242687

LABORATOARELE BIOCLINICA-VACARESTI
CALEA V?C?RE?TI, NR. 300, BL. 1B, SECTOR
BUCURE?TI
ROMANIA

Chloride Report Clinical Chemistry (Monthly) Program

Cycle 21

Jul 2022 – Jul 2023

Sample No: 5

Sample Date: 28 Nov 22

Lot No: 212000



Siemens Atellica CH Analyzer

Your Result

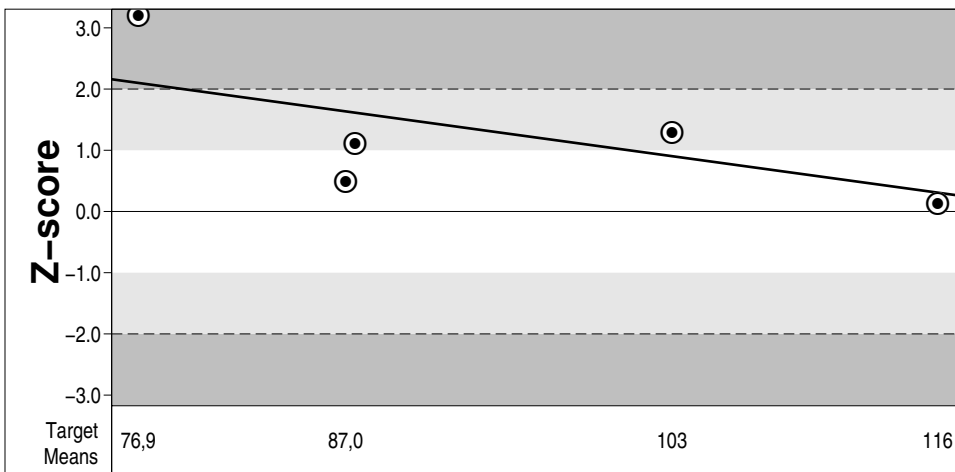
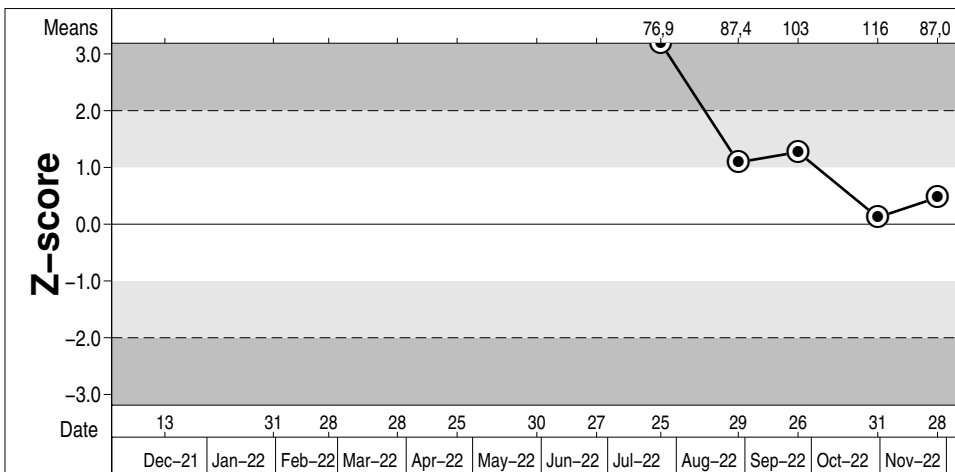
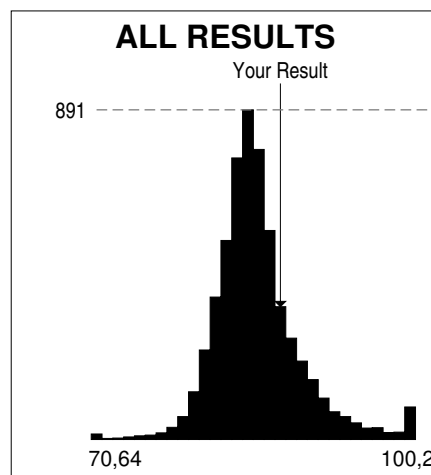
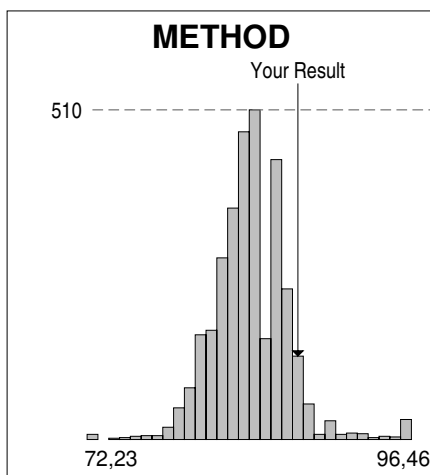
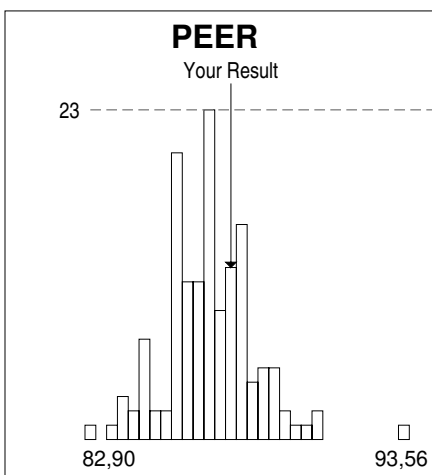
87,6 mmol/L

- ◆ All Results
- Your Method
- Your Peer

Comparative Statistics

Your Deviation

| | N | Mean | SD | CV | U ¹ | Z-score | RMZ | % |
|-------------|------|------|------|------|----------------|---------|------|-------|
| All Results | 5950 | 85,4 | 2,96 | 3,46 | 0,096 | 0,73 | 1,15 | 2,54 |
| Your Method | 3247 | 84,3 | 2,42 | 2,87 | 0,106 | 1,34 | 1,95 | 3,86 |
| Your Peer | 140 | 87,0 | 1,32 | 1,51 | 0,278 | 0,47 | 1,23 | 0,707 |



| | N | Mean | CV | U ¹ |
|---|-----|------|------|----------------|
| Roche cobas 6000/8000/c 311 ISE indirect Dedicated Reagent | 964 | 82,1 | 1,92 | 0,127 |
| Beckman Coulter AU Series ISE indirect Dedicated Reagent | 756 | 84,7 | 1,34 | 0,103 |
| VITROS Microslide Series ISE direct VITROS Dry Slides Reagent Group | 491 | 85,5 | 1,80 | 0,173 |
| Abbott ARCHITECT/Alinity (c, i, ci ... ISE indirect Dedicated Reagent | 421 | 86,1 | 1,60 | 0,168 |
| Medica EasyLyte Series/Expand ISE direct Dedicated Reagent | 406 | 88,3 | 4,02 | 0,440 |
| Roche AVL 9100 Series ISE direct Dedicated Reagent | 206 | 84,6 | 1,63 | 0,241 |
| Abbott ARCHITECT/Alinity (c, i, ci ... ISE indirect Abbott Alinity c ICT Diluent, REF 07P53 | 193 | 86,4 | 1,40 | 0,217 |
| Siemens Dimension Xpand/EXL Series ISE indirect Dedicated Reagent | 175 | 84,1 | 1,72 | 0,273 |
| Siemens Atellica CH Analyzer ISE indirect Siemens Atellica CH A-LYTE IMT Na K Cl, REF 1... | 140 | 87,0 | 1,51 | 0,278 |

Chloride 21 : 5

CYCLE SAMPLE



Lab 242687

LABORATOARELE BIOCLINICA-VACARESTI
CALEA V?C?RE?TI, NR. 300, BL. 1B, SECTOR
BUCURE?TI
ROMANIA

Cholesterol, HDL Report Clinical Chemistry (Monthly) Program

Cycle 21

Jul 2022 – Jul 2023

Sample No: 5

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Lot No: 212000



External Quality Assurance Services

Siemens Atellica CH Analyzer

Your Result

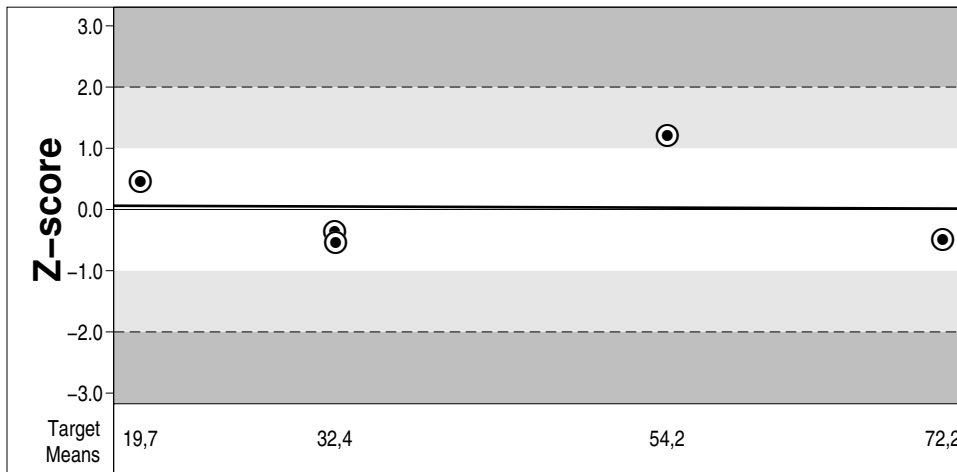
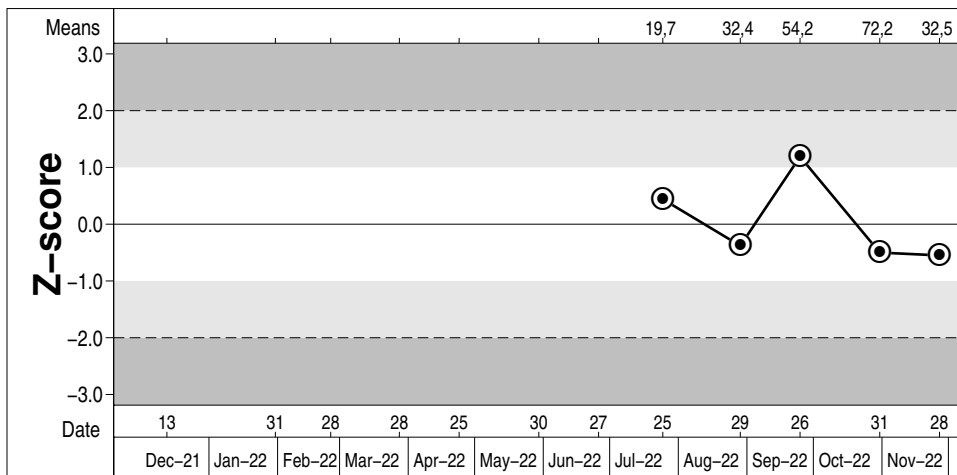
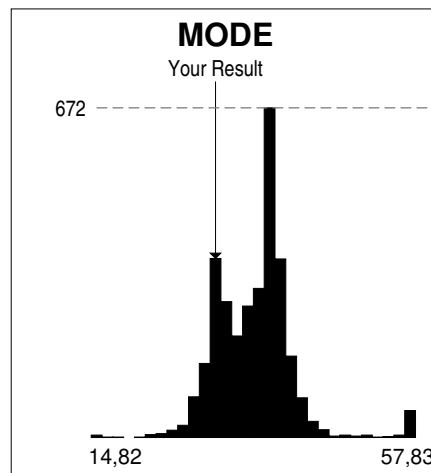
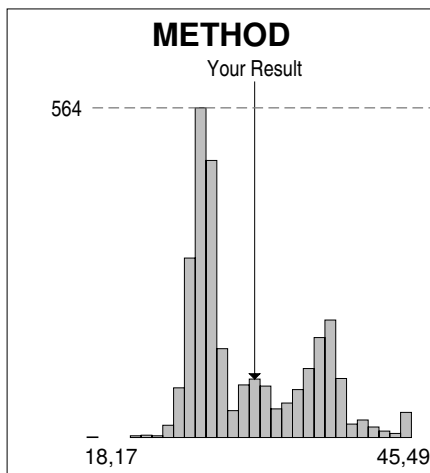
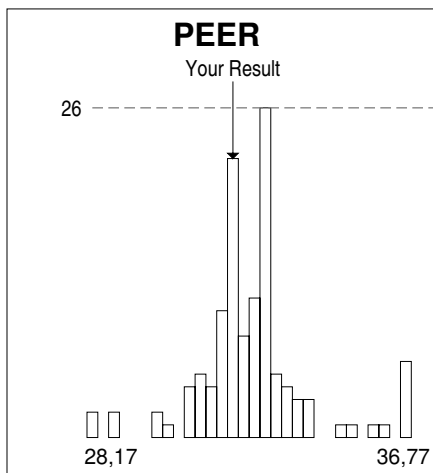
32 mg/dL

- ◆ Your Mode
- Your Method
- Your Peer

Comparative Statistics

Your Deviation

| | N | Mean | SD | CV | U ¹ | Z-score | RMZ | % |
|-------------|------|------|-------|------|----------------|---------|-------|-------|
| Your Mode | 3128 | 36,3 | 4,30 | 11,8 | 0,192 | -1,01 | -0,64 | -11,9 |
| Your Method | 2851 | 30,1 | 3,07 | 10,2 | 0,144 | 0,61 | 1,18 | 6,17 |
| Your Peer | 122 | 32,5 | 0,859 | 2,65 | 0,194 | -0,55 | 0,04 | -1,45 |



| | N | Mean | CV | U ¹ |
|--|-----|------|------|----------------|
| Roche cobas 6000/c 311 Direct measure, polymer-polyanion Roche HDLC4 | 917 | 28,1 | 3,32 | 0,077 |
| Beckman Coulter AU Series Direct measure, immunoinhibition Beckman Coulter AU HDL, OSR6X87 | 660 | 39,4 | 4,18 | 0,160 |
| Roche cobas Integra / c 111 Direct measure, polymer-polyanion Roche HDLC4 | 402 | 28,1 | 4,55 | 0,159 |
| VITROS Microslide Series Direct measure, PTA/MgCl2-VITROS VITROS Dry Slides Reagent Group | 365 | 31,5 | 5,44 | 0,224 |
| Abbott ARCHITECT/Alinity (c, i, ci ... Direct measure, polymer-polyanion Dedicated Reagent | 329 | 38,1 | 3,61 | 0,189 |
| Abbott ARCHITECT/Alinity (c, i, ci ... Direct measure, polymer-polyanion Abbott Alinity c Ultra HDL, REF 07P75 | 201 | 39,0 | 3,37 | 0,232 |
| Roche cobas 8000 Direct measure, polymer-polyanion Roche HDLC4 | 194 | 27,4 | 2,92 | 0,144 |
| Siemens Dimension Series Direct measure-PEG Dedicated Reagent | 155 | 33,1 | 5,39 | 0,359 |
| Siemens Atellica CH Analyzer Direct measure, polymer-polyanion Siemens Atellica CH D-HDL, REF 11097630 | 122 | 32,5 | 2,65 | 0,194 |

Cholesterol, HDL 21 : 5

CYCLE SAMPLE



Lab 242687

LABORATOARELE BIOCLINICA-VACARESTI
CALEA V?C?RE?TI, NR. 300, BL. 1B, SECTOR
BUCURE?TI
ROMANIA

Cholesterol, LDL Report Clinical Chemistry (Monthly) Program

Cycle 21

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External Quality Assurance Services

Siemens Atellica CH Analyzer

Your Result

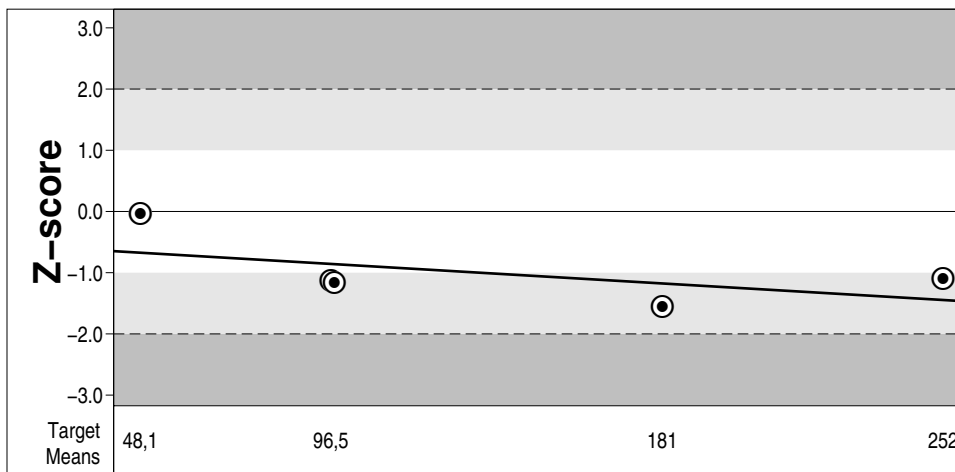
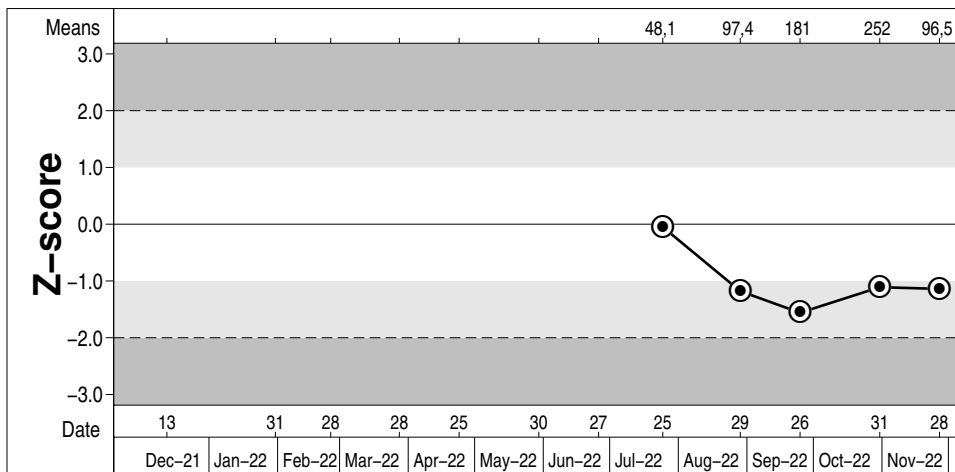
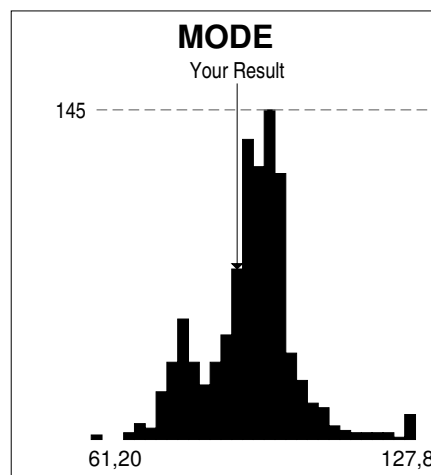
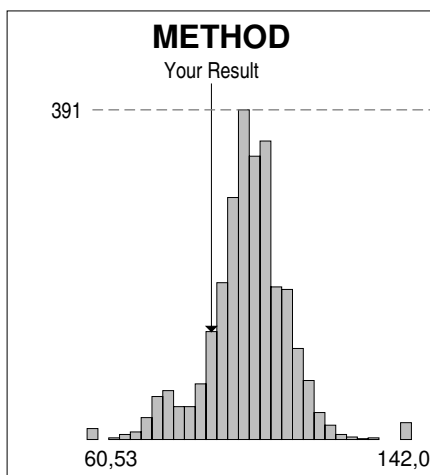
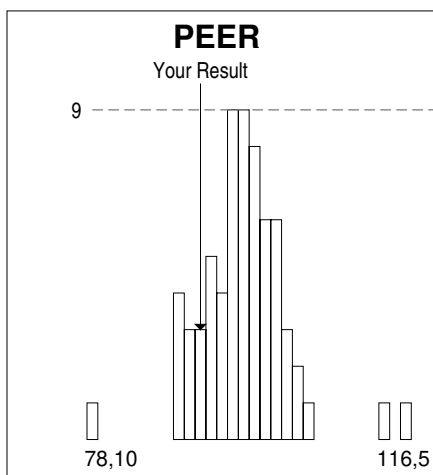
92 mg/dL

- ◆ Your Mode
- Your Method
- ◎ Your Peer

Comparative Statistics

Your Deviation

| | N | Mean | SD | CV | U ¹ | Z-score | RMZ | % |
|-------------|------|------|------|------|----------------|---------|-------|-------|
| Your Mode | 981 | 94,5 | 6,66 | 7,04 | 0,531 | -0,37 | 0,06 | -2,63 |
| Your Method | 2610 | 101 | 8,15 | 8,05 | 0,399 | -1,14 | -0,60 | -9,15 |
| Your Peer | 66 | 96,5 | 3,99 | 4,14 | 1,23 | -1,14 | -1,01 | -4,70 |



| | N | Mean | CV | U ¹ |
|--|-----|------|------|----------------|
| Roche cobas 6000/8000/c 311 Direct measure Roche Gen.3 LDLc3 | 610 | 102 | 3,02 | 0,312 |
| Beckman Coulter AU Series Direct measure Beckman Coulter AU LDL, OSR6X83 | 334 | 112 | 3,45 | 0,528 |
| Roche cobas Integra / c 111 Direct measure Roche Gen.3 LDLc3 | 228 | 105 | 4,09 | 0,708 |
| Abbott ARCHITECT/Alinity (c, i, ci ... Direct measure Dedicated Reagent | 179 | 95,5 | 3,59 | 0,640 |
| Siemens Dimension Series Direct measure Dedicated Reagent | 173 | 94,5 | 4,69 | 0,842 |
| Abbott ARCHITECT/Alinity (c, i, ci ... Direct measure Abbott Alinity c Direct LDL, REF 07P71 | 124 | 98,7 | 2,91 | 0,645 |
| VITROS Microtip Series Direct measure Dedicated Reagent | 119 | 79,3 | 4,46 | 0,810 |
| Roche cobas 6000/8000/c 311 Calculated Dedicated Reagent | 111 | 112 | 5,79 | 1,54 |
| Beckman Coulter AU Series Calculated Dedicated Reagent | 99 | 112 | 5,50 | 1,55 |

Cholesterol, LDL 21 : 5

CYCLE SAMPLE



Lab 242687

LABORATOARELE BIOCLINICA-VACARESTI
CALEA V?C?RE?TI, NR. 300, BL. 1B, SECTOR
BUCURE?TI
ROMANIA

Cholesterol, Total Report Clinical Chemistry (Monthly) Program

Cycle 21

Jul 2022 – Jul 2023

Sample No: 5

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Lot No: 212000



Siemens Atellica CH Analyzer

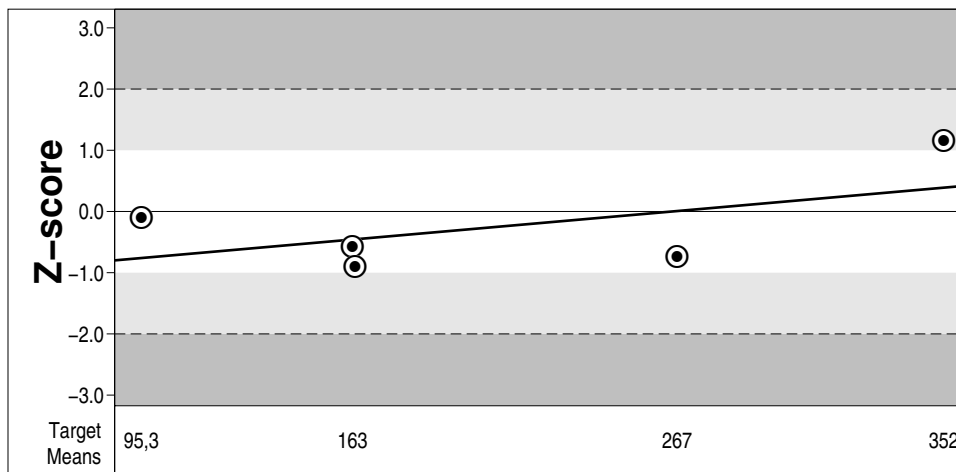
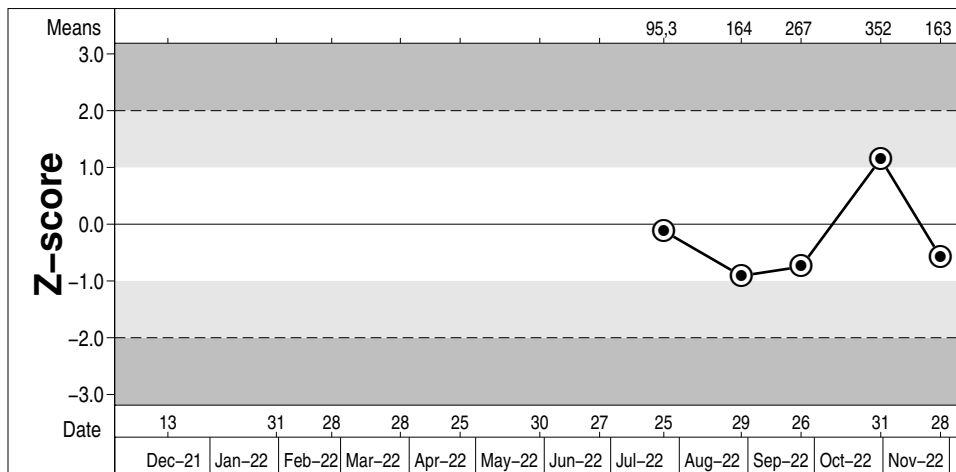
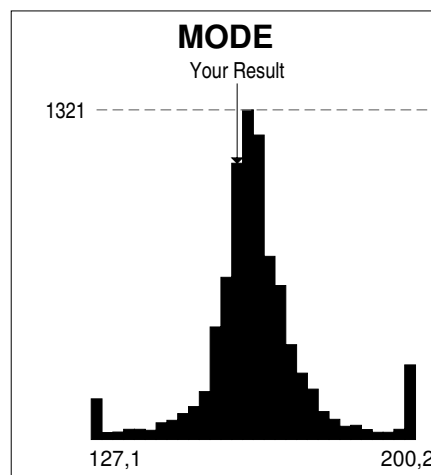
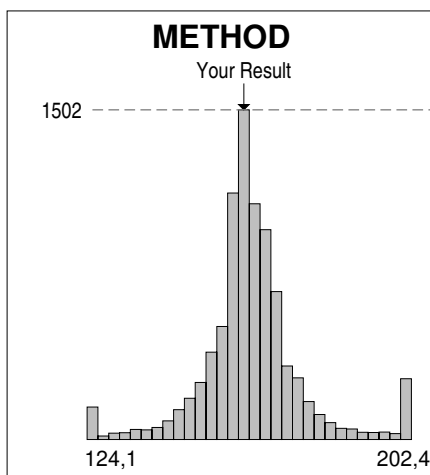
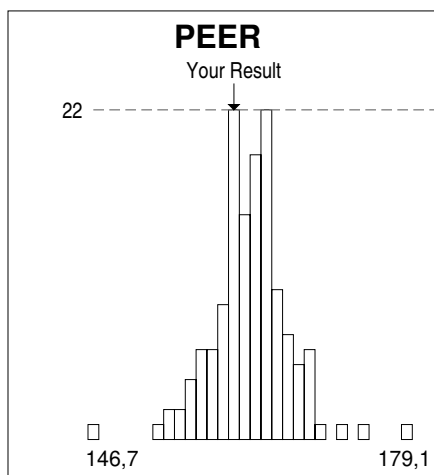
Your Result
161 mg/dL

- ◆ Your Mode
- Your Method
- Your Peer

Comparative Statistics

| | N | Mean | SD | CV | U ¹ | Z-score | RMZ | % |
|-------------|------|------|------|------|----------------|---------|-------|-------|
| Your Mode | 8601 | 164 | 7,31 | 4,47 | 0,197 | -0,36 | -0,17 | -1,61 |
| Your Method | 8762 | 163 | 7,83 | 4,80 | 0,209 | -0,28 | -0,10 | -1,36 |
| Your Peer | 141 | 163 | 3,24 | 1,99 | 0,681 | -0,58 | -0,24 | -1,15 |

Your Deviation



| | N | Mean | CV | U ¹ |
|---|------|------|------|----------------|
| Roche cobas 6000/8000/c 311 Cholesterol oxidase, esterase, peroxidase Dedicated Reagent | 1251 | 162 | 2,43 | 0,278 |
| Beckman Coulter AU Series Cholesterol oxidase, esterase, peroxidase Dedicated Reagent | 785 | 168 | 3,90 | 0,586 |
| VITROS Microslide Series Cholesterol oxidase, esterase, peroxidase VITROS Dry Slides Reagent Group | 571 | 163 | 2,94 | 0,501 |
| Roche cobas Integra / c 111 Cholesterol oxidase, esterase, peroxidase Dedicated Reagent | 564 | 161 | 2,63 | 0,445 |
| Abbott ARCHITECT (c, i, ci models) Cholesterol oxidase, esterase, peroxidase Dedicated Reagent | 465 | 163 | 2,15 | 0,408 |
| Siemens Dimension Series Cholesterol oxidase, esterase, peroxidase Dedicated Reagent | 357 | 151 | 3,44 | 0,687 |
| Mindray BS Series Cholesterol oxidase, esterase, peroxidase Dedicated Reagent | 295 | 164 | 3,67 | 0,876 |
| BioSystems A15/A25 Cholesterol oxidase, esterase, peroxidase Dedicated Reagent | 160 | 164 | 6,02 | 1,95 |
| Siemens Atellica CH Analyzer Cholesterol oxidase, esterase, peroxidase Siemens Atellica CH Chol_2, REF 11097609 | 141 | 163 | 1,99 | 0,681 |

Cholesterol, Total 21 : 5
CYCLE SAMPLE



Lab 242687

LABORATOARELE BIOCLINICA-VACARESTI
CALEA V?C?RE?TI, NR. 300, BL. 1B, SECTOR
BUCURE?TI
ROMANIA

Creatine Kinase Report Clinical Chemistry (Monthly) Program

Cycle 21

Jul 2022 – Jul 2023

Sample No: 5

Sample Date: 28 Nov 22

Lot No: 212000



Siemens Atellica CH Analyzer

Your Result

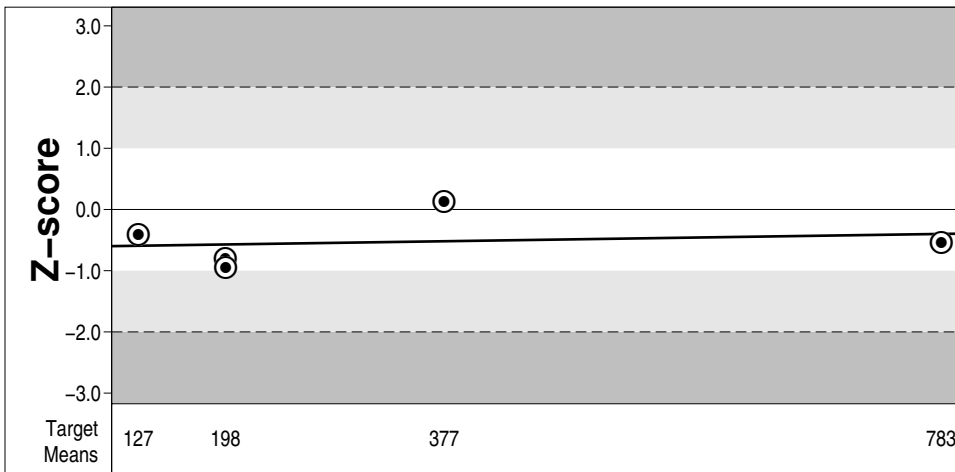
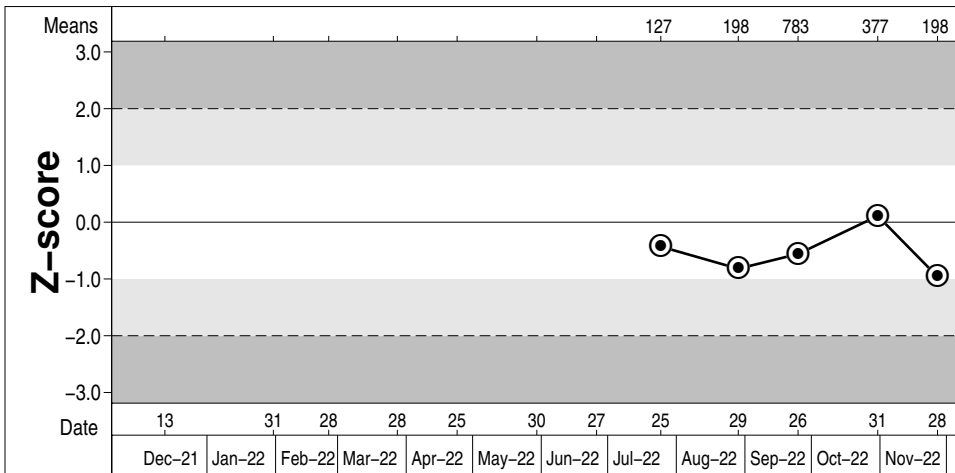
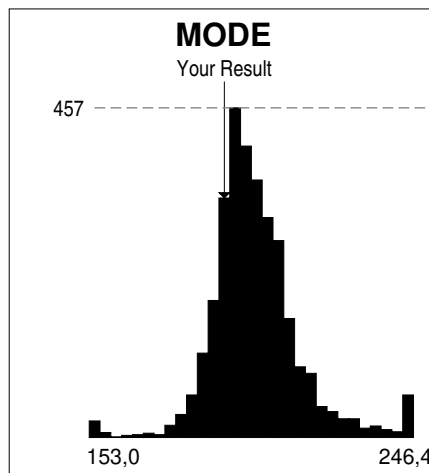
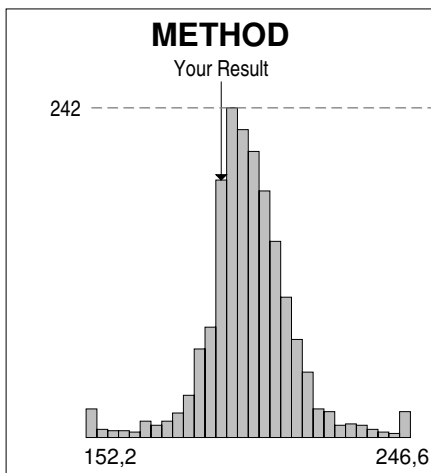
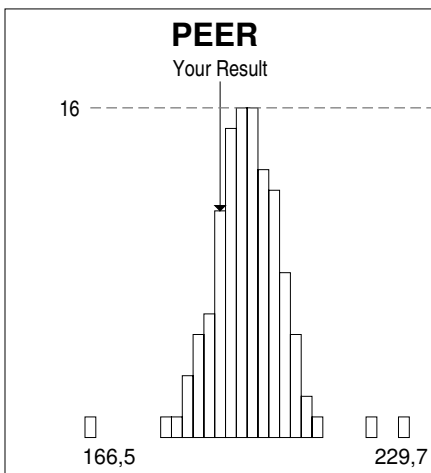
192 U/L

- ◆ Your Mode
- Your Method
- Your Peer

Comparative Statistics

Your Deviation

| | N | Mean | SD | CV | U ¹ | Z-score | RMZ | % |
|-------------|------|------|------|------|----------------|---------|-------|-------|
| Your Mode | 3181 | 200 | 9,34 | 4,68 | 0,414 | -0,82 | -0,44 | -3,85 |
| Your Method | 1803 | 199 | 9,44 | 4,73 | 0,556 | -0,78 | -0,42 | -3,71 |
| Your Peer | 118 | 198 | 6,32 | 3,19 | 1,46 | -0,96 | -0,53 | -3,07 |



| | N | Mean | CV | U ¹ |
|---|-----|------|------|----------------|
| Roche cobas 6000/c 311 NAC activated Dedicated Reagent | 381 | 196 | 2,43 | 0,609 |
| Roche cobas 6000/c 311 NAC Activated – IFCC Ref. Proc., Calibrated Dedicated Reagent | 335 | 195 | 2,65 | 0,707 |
| Beckman Coulter AU Series NAC Activated – IFCC Ref. Proc., Calibrated Dedicated Reagent | 298 | 210 | 3,75 | 1,14 |
| Abbott ARCHITECT/Alinity (c, i, ci ... NAC activated Dedicated Reagent | 281 | 199 | 3,98 | 1,18 |
| VITROS Microslide Series Rosalki, Other Modified-VITROS VITROS Dry Slides Reagent Group | 273 | 170 | 5,84 | 1,51 |
| Beckman Coulter AU Series NAC activated Dedicated Reagent | 203 | 208 | 3,56 | 1,30 |
| Siemens Dimension Series NAC Activated – IFCC Ref. Proc., Calibrated Dedicated Reagent | 155 | 194 | 3,73 | 1,45 |
| Abbott ARCHITECT/Alinity (c, i, ci ... NAC activated Abbott Alinity c CK, REF 08P42 | 147 | 205 | 2,57 | 1,09 |
| Siemens Atellica CH Analyzer NAC activated Siemens Atellica CH CK_L, REF 11097640 | 118 | 198 | 3,19 | 1,46 |

Creatine Kinase 21 : 5

CYCLE SAMPLE



Lab 242687

LABORATOARELE BIOCLINICA-VACARESTI
CALEA V?C?RE?TI, NR. 300, BL. 1B, SECTOR
BUCURE?TI
ROMANIA

Creatinine Report Clinical Chemistry (Monthly) Program

Cycle 21

Jul 2022 – Jul 2023

Sample No: 5

Sample Date: 28 Nov 22

Lot No: 212000



Siemens Atellica CH Analyzer

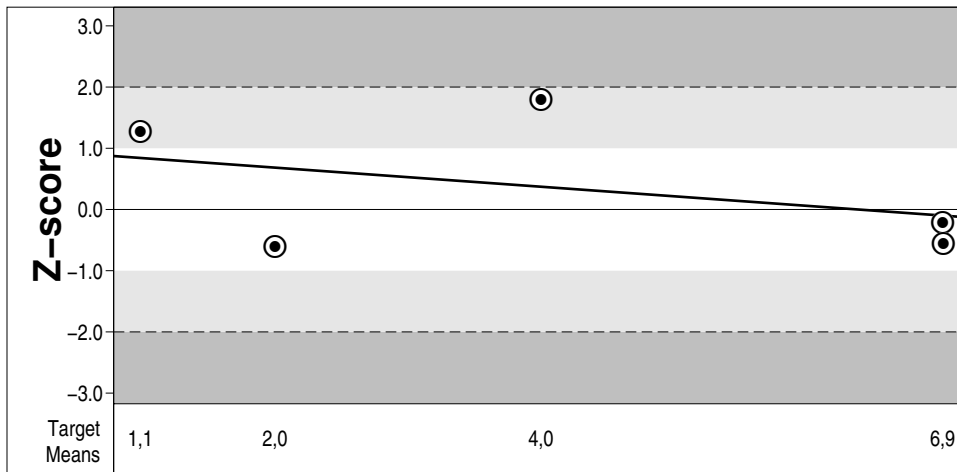
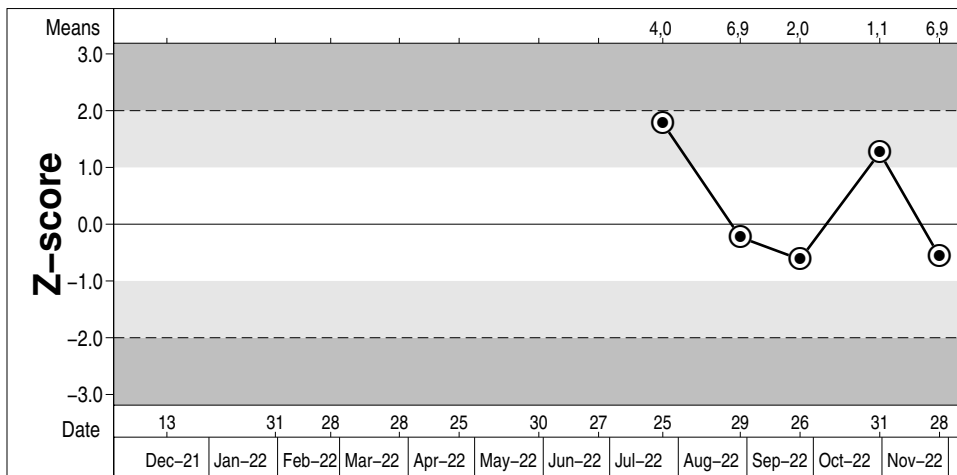
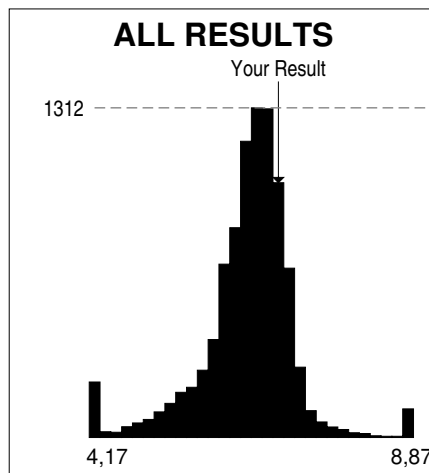
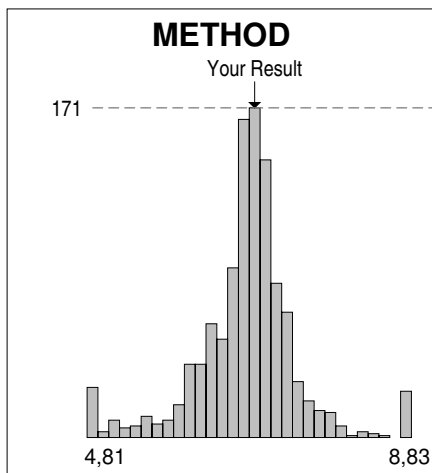
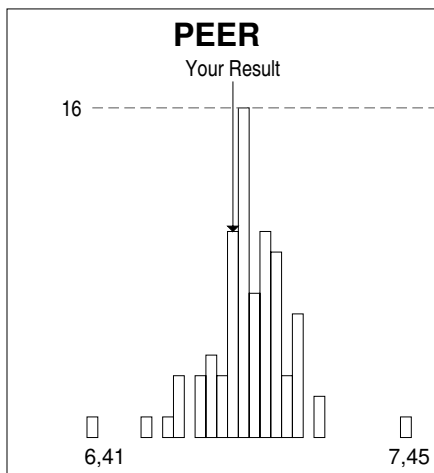
Your Result
6,87 mg/dL

- ◆ All Results
- Your Method
- Your Peer

Comparative Statistics

| | N | Mean | SD | CV | U ¹ | Z-score | RMZ | % |
|-------------|------|------|-------|------|----------------|---------|------|--------|
| All Results | 9415 | 6,52 | 0,470 | 7,21 | 0,012 | 0,75 | 0,86 | 5,38 |
| Your Method | 1105 | 6,82 | 0,402 | 5,90 | 0,030 | 0,13 | 0,46 | 0,779 |
| Your Peer | 80 | 6,93 | 0,104 | 1,51 | 0,029 | -0,57 | 0,32 | -0,855 |

Your Deviation



| | N | Mean | CV | U ¹ |
|--|-----|------|------|----------------|
| Roche cobas 6000/c 311 Alkaline picrate method, IFCC-IDMS Standardized Dedicated Reagent | 789 | 6,52 | 2,95 | 0,017 |
| VITROS Microslide Series Enzymatic-VITROS, IFCC-IDMS Standardized VITROS Dry Slides Reagent Group | 594 | 6,55 | 2,93 | 0,020 |
| Beckman Coulter AU Series Alkaline picrate method, IFCC-IDMS Standardized Dedicated Reagent | 456 | 6,53 | 3,34 | 0,026 |
| Roche cobas Integra / c 111 Alkaline picrate method, IFCC-IDMS Standardized Dedicated Reagent | 383 | 6,38 | 4,08 | 0,033 |
| Abbott ARCHITECT/Alinity (c, i, ci ... Alkaline picrate method, IFCC-IDMS Standardized Dedicated Reagent | 379 | 6,81 | 2,39 | 0,021 |
| Siemens Dimension Series Alkaline picrate method, IFCC-IDMS Standardized Dedicated Reagent | 339 | 6,70 | 2,99 | 0,027 |
| Roche cobas 6000/c 311 Enzymatic IFCC-IDMS Standardized Dedicated Reagent | 324 | 6,92 | 2,33 | 0,022 |
| Beckman Coulter AU Series Alkaline picrate method Dedicated Reagent | 312 | 6,41 | 3,84 | 0,035 |
| Roche cobas Integra / c 111 Enzymatic IFCC-IDMS Standardized Dedicated Reagent | 227 | 6,82 | 3,37 | 0,038 |

Creatinine 21 : 5
CYCLE SAMPLE



Lab 242687

LABORATOARELE BIOCLINICA-VACARESTI
CALEA V?C?RE?TI, NR. 300, BL. 1B, SECTOR
BUCURE?TI
ROMANIA

eGFR Report Clinical Chemistry (Monthly) Program

Cycle 21

Jul 2022 – Jul 2023
Sample No: 5
Sample Date: 28 Nov 22
Lot No: 212000



Siemens Atellica CH Analyzer

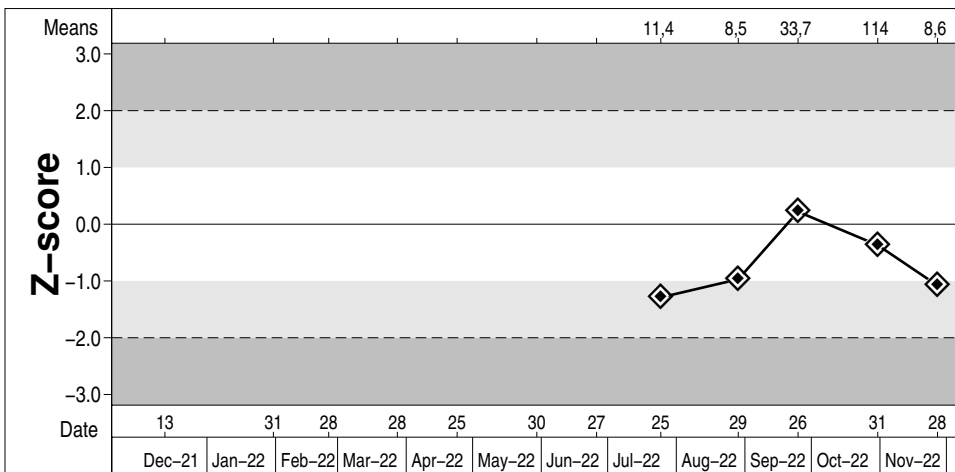
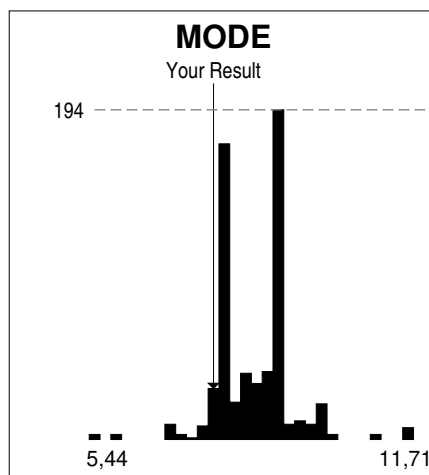
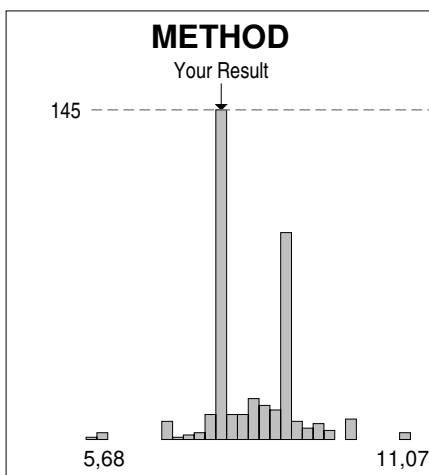
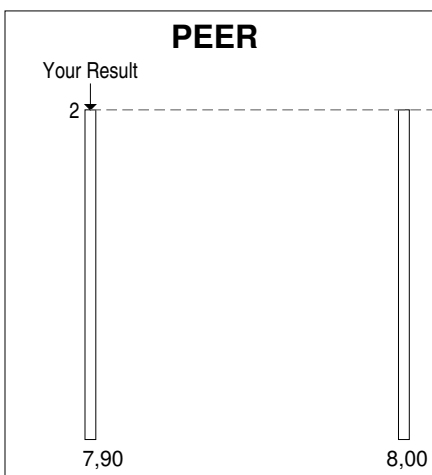
Comparative Statistics

Your Deviation

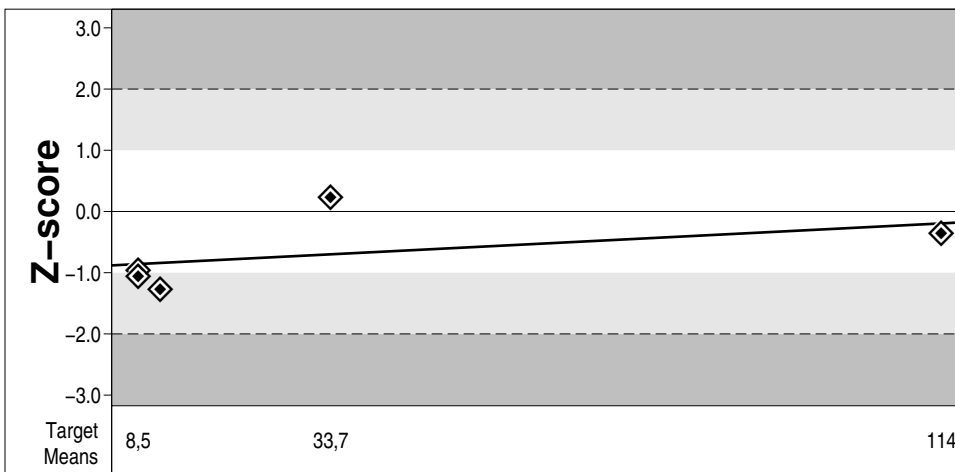
| | N | Mean | SD | CV | U ¹ | Z-score | RMZ | % |
|---------------|-----|------|-------|-------|----------------|---------|-------|--------|
| ◆ Your Mode | 622 | 8,58 | 0,627 | 7,31 | 0,063 | -1,08 | -0,70 | -7,88 |
| ■ Your Method | 369 | 8,37 | 0,539 | 6,43 | 0,070 | -0,88 | -0,63 | -5,66 |
| ◎ Your Peer | 4 | 7,95 | 0,065 | 0,824 | 0,082 | -0,76 | -0,63 | -0,629 |

Your Result

7,9 mL/min/1.73m2



| | N | Mean | CV | U ¹ |
|--|----|------|------|----------------|
| Roche cobas 6000/8000/c 311 Calculated – CKD–EPI (Creatinine) Roche CREJ2/SCRE2 | 64 | 8,78 | 5,84 | 0,160 |
| Roche cobas 6000/8000/c 311 Calculated – CKD–EPI (Creatinine) Roche CREP2 | 52 | 7,88 | 4,15 | 0,057 |
| Roche cobas 6000/8000/c 311 Calculated – MDRD (Simplified) Roche CREJ2/SCRE2 | 43 | 8,99 | 1,95 | 0,067 |
| VITROS Microslide Series Calculated – MDRD (Simplified) VITROS Dry Slides Reagent Group | 39 | 8,81 | 3,40 | 0,120 |
| Beckman Coulter AU Series Calculated – CKD–EPI (Creatinine) Beckman Coulter AU OSR6X78 | 37 | 8,61 | 16,3 | 0,288 |
| Abbott ARCHITECT/Alinity (c, i, ci ... Calculated – CKD–EPI (Creatinine) Dedicated Reagent | 34 | 8,09 | 4,06 | 0,071 |
| Beckman Coulter AU Series Calculated – MDRD (Simplified) Beckman Coulter AU OSR6X78 | 30 | 8,99 | 4,11 | 0,169 |
| VITROS Microslide Series Calculated – CKD–EPI (Creatinine) VITROS Dry Slides Reagent Group | 28 | 8,83 | 4,67 | 0,195 |
| Siemens Dimension Series Calculated – CKD–EPI (Creatinine) Dedicated Reagent | 23 | 8,50 | 6,40 | 0,284 |



eGFR 21 : 5

CYCLE SAMPLE



Lab 242687

LABORATOARELE BIOCLINICA-VACARESTI
CALEA V?C?RE?TI, NR. 300, BL. 1B, SECTOR
BUCURE?TI
ROMANIA

G-Glutamyltransferase Report Clinical Chemistry (Monthly) Program

Cycle 21

Jul 2022 – Jul 2023

Sample No: 5

Sample Date: 28 Nov 22

Lot No: 212000



External Quality Assurance Services

Siemens Atellica CH Analyzer

Your Result

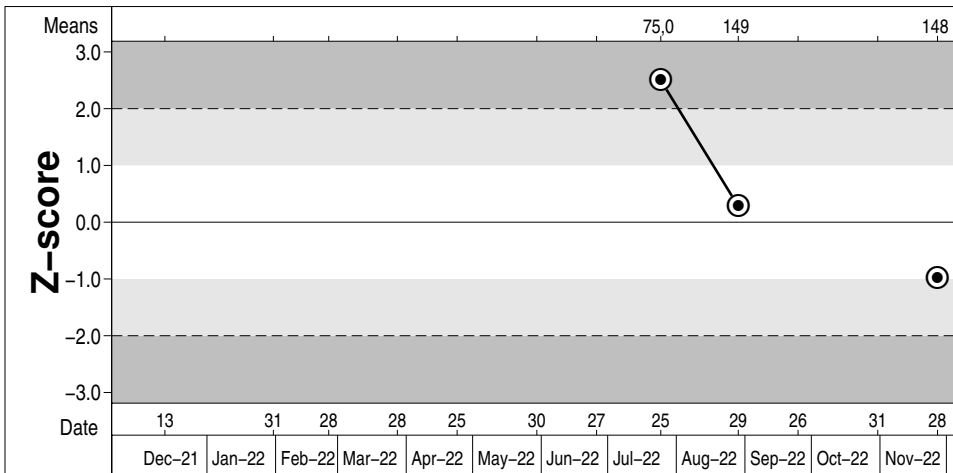
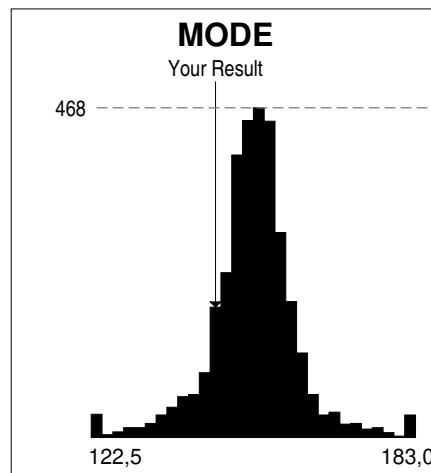
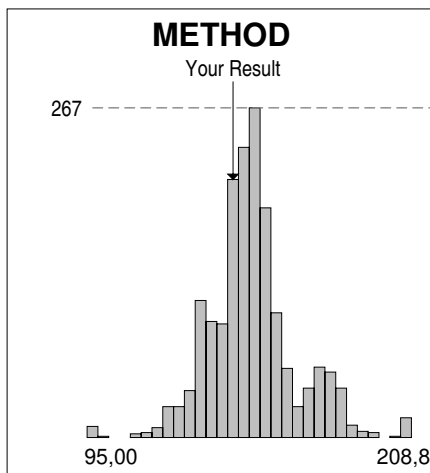
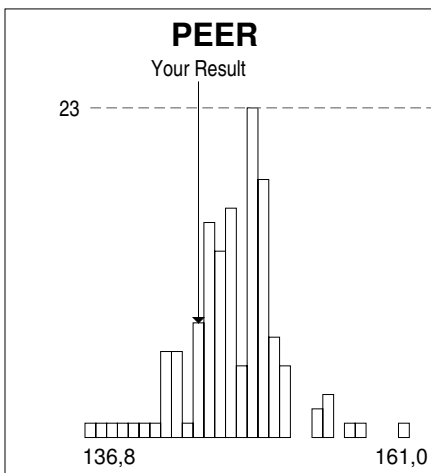
145 U/L

- ◆ Your Mode
- Your Method
- Your Peer

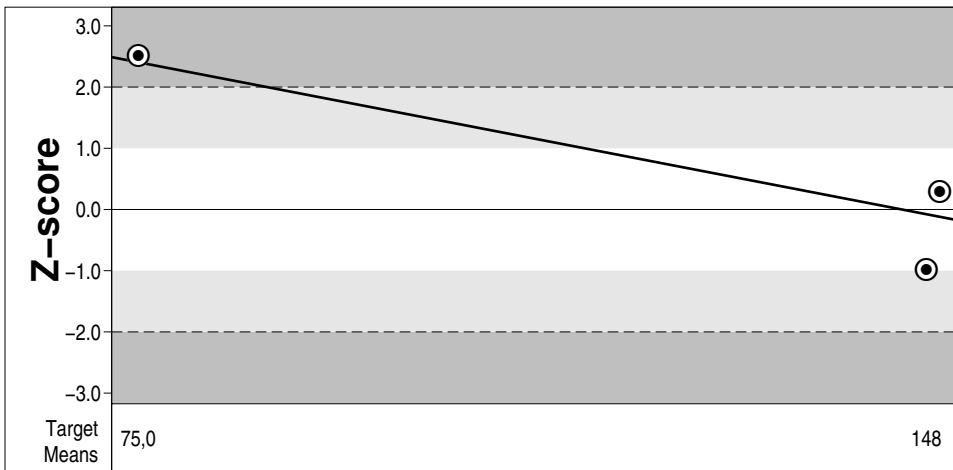
Comparative Statistics

Your Deviation

| | N | Mean | SD | CV | U ¹ | Z-score | RMZ | % |
|---------------|------|------|------|------|----------------|---------|-------|-------|
| ◆ Your Mode | 3408 | 153 | 6,05 | 3,96 | 0,259 | -1,28 | -1,28 | -5,06 |
| ■ Your Method | 1728 | 152 | 11,4 | 7,49 | 0,684 | -0,61 | -0,61 | -4,54 |
| ● Your Peer | 138 | 148 | 2,90 | 1,96 | 0,617 | -0,99 | -0,99 | -1,95 |



| | N | Mean | CV | U ¹ |
|--|-----|------|------|----------------|
| Roche cobas 6000/8000/c 311 G-glutamyl-carboxy-nitroanilide - IFCC Ref. P... IFCC Roche GGT | 844 | 153 | 2,66 | 0,350 |
| VITROS Microslide Series G-glutamyl-p-nitroanilide-VITROS VITROS Dry Slides Reagent Group | 402 | 225 | 2,70 | 0,756 |
| Beckman Coulter AU Series G-glutamyl-carboxy-nitroanilide - IFCC Ref. P... Dedicated Reagent | 373 | 152 | 2,77 | 0,545 |
| Abbott ARCHITECT/Alinity (c, i, ci ... G-glutamyl-carboxy-nitroanilide Dedicated Reagent | 331 | 155 | 4,84 | 1,03 |
| Roche cobas Integra / c 111 G-glutamyl-carboxy-nitroanilide - IFCC Ref. P... IFCC Roche GGT | 270 | 156 | 2,93 | 0,693 |
| Beckman Coulter AU Series G-glutamyl-carboxy-nitroanilide Dedicated Reagent | 198 | 151 | 3,01 | 0,811 |
| Siemens Dimension Series G-glutamyl-carboxy-nitroanilide Dedicated Reagent | 194 | 179 | 3,24 | 1,04 |
| Roche cobas 6000/8000/c 311 G-glutamyl-carboxy-nitroanilide Szasz Roche GGT | 151 | 135 | 2,52 | 0,693 |
| Siemens Atellica CH Analyzer G-glutamyl-carboxy-nitroanilide Siemens Atellica CH GGT, REF 11097597 | 138 | 148 | 1,96 | 0,617 |



G-Glutamyltransferase 21 : 5

CYCLE SAMPLE



Lab 242687

LABORATOARELE BIOCLINICA-VACARESTI
CALEA V?C?RE?TI, NR. 300, BL. 1B, SECTOR
BUCURE?TI
ROMANIA

Glucose Report Clinical Chemistry (Monthly) Program

Cycle 21

Jul 2022 – Jul 2023

Sample No: 5

Sample Date: 28 Nov 22

Lot No: 212000



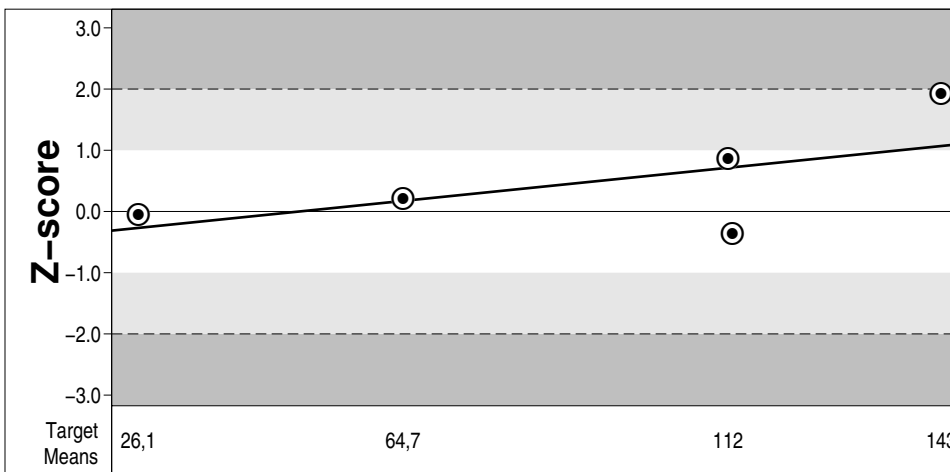
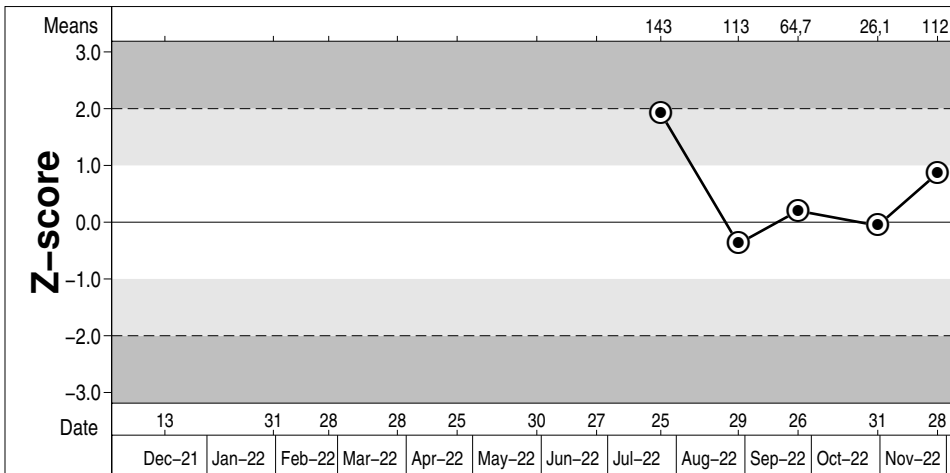
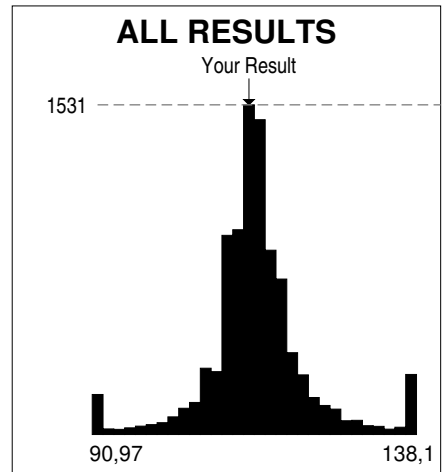
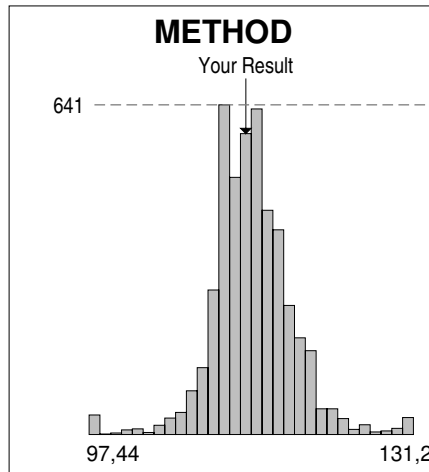
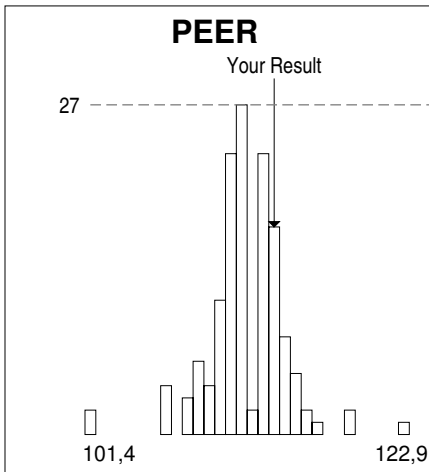
Siemens Atellica CH Analyzer

Your Result
114 mg/dL

Comparative Statistics

Your Deviation

| | N | Mean | SD | CV | U ¹ | Z-score | RMZ | % |
|---------------|------|------|------|------|----------------|---------|-------|--------|
| ◆ All Results | 9436 | 115 | 4,72 | 4,12 | 0,121 | -0,12 | -0,33 | -0,486 |
| ■ Your Method | 4667 | 114 | 3,38 | 2,96 | 0,124 | -0,10 | -0,27 | -0,298 |
| ● Your Peer | 141 | 112 | 2,16 | 1,92 | 0,454 | 0,86 | 0,51 | 1,65 |



| | N | Mean | CV | U ¹ |
|---|------|------|------|----------------|
| Roche cobas 6000/8000/c 311 Hexokinase Dedicated Reagent | 1306 | 114 | 2,18 | 0,172 |
| Beckman Coulter AU Series Hexokinase Dedicated Reagent | 956 | 115 | 2,65 | 0,246 |
| VITROS Microslide Series Glucose oxidase, hydrogen peroxide (Trinder) VITROS Dry Slides Reagent Group | 621 | 113 | 2,42 | 0,275 |
| Roche cobas Integra / c 111 Hexokinase Dedicated Reagent | 590 | 117 | 2,60 | 0,313 |
| Abbott ARCHITECT/Alinity (c, i, ci ... Hexokinase Dedicated Reagent | 516 | 112 | 2,10 | 0,259 |
| Siemens Dimension Series Hexokinase Dedicated Reagent | 403 | 118 | 2,81 | 0,412 |
| Mindray BS Series Glucose oxidase, hydrogen peroxide (Trinder) Mindray Glu (GOD) REF GLU010X/110X | 242 | 115 | 3,96 | 0,731 |
| Abbott ARCHITECT/Alinity (c, i, ci ... Hexokinase Abbott Alinity c Glucose, REF 07P55 | 211 | 112 | 1,73 | 0,333 |
| BioSystems A15/A25 Glucose oxidase, hydrogen peroxide (Trinder) Dedicated Reagent | 153 | 113 | 5,28 | 1,21 |

Glucose 21 : 5
CYCLE SAMPLE



Lab 242687

LABORATOARELE BIOCLINICA-VACARESTI
CALEA V?C?RE?TI, NR. 300, BL. 1B, SECTOR
BUCURE?TI
ROMANIA

Iron Report Clinical Chemistry (Monthly) Program

Cycle 21

Jul 2022 – Jul 2023

Sample No: 5

Sample Date: 28 Nov 22

Lot No: 212000



Siemens Atellica CH Analyzer

Your Result

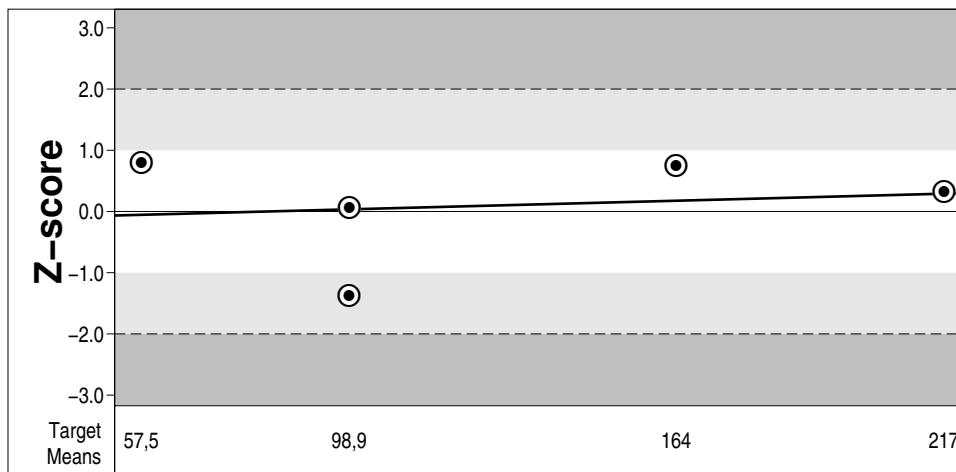
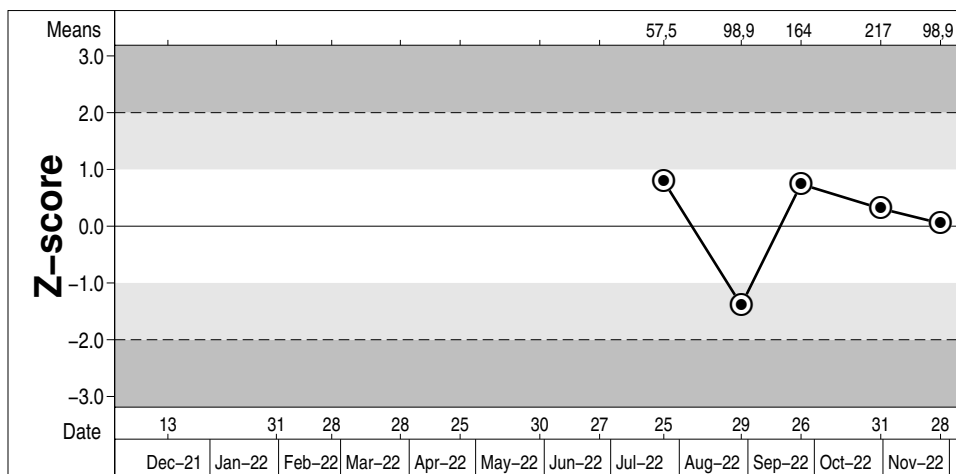
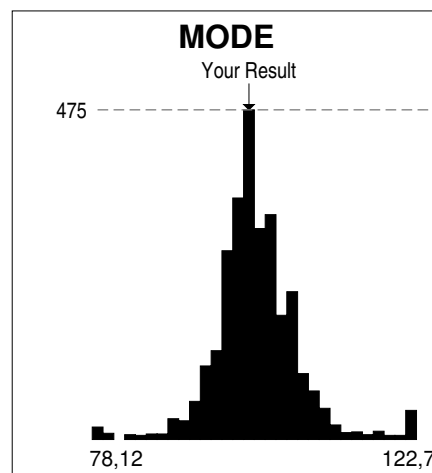
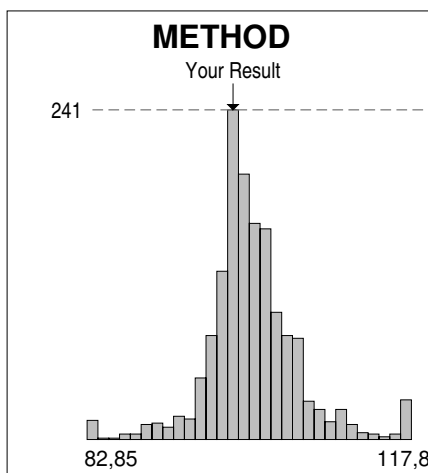
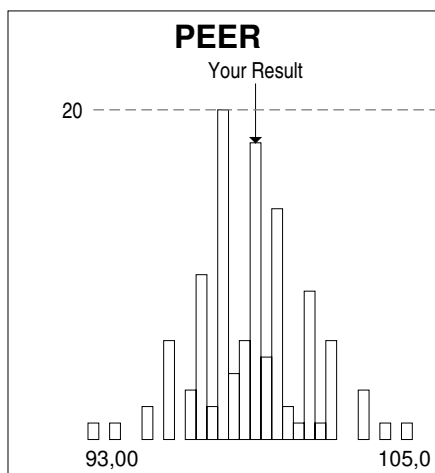
99 µg/dL

- ◆ Your Mode
- Your Method
- Your Peer

Comparative Statistics

| | N | Mean | SD | CV | U ¹ | Z-score | RMZ | % |
|-------------|------|------|------|------|----------------|---------|-------|-------|
| Your Mode | 2842 | 100 | 4,46 | 4,44 | 0,209 | -0,32 | -0,25 | -1,41 |
| Your Method | 1462 | 100 | 3,50 | 3,48 | 0,229 | -0,38 | -0,32 | -1,32 |
| Your Peer | 116 | 98,9 | 1,67 | 1,68 | 0,387 | 0,05 | 0,10 | 0,079 |

Your Deviation



| | N | Mean | CV | U ¹ |
|---|-----|------|------|----------------|
| Roche cobas 6000/8000/c 311 Ferrozine–no deproteinization Dedicated Reagent | 799 | 101 | 3,17 | 0,283 |
| Beckman Coulter AU Series TPTZ–no deproteinization Dedicated Reagent | 512 | 99,0 | 3,06 | 0,335 |
| Abbott ARCHITECT/Alinity (c, i, ci ... Ferene Dedicated Reagent | 279 | 105 | 3,11 | 0,491 |
| VITROS Microslide Series Pyridyl azo dye VITROS Dry Slides Reagent Group | 258 | 95,5 | 7,18 | 1,07 |
| Roche cobas Integra / c 111 Ferrozine–no deproteinization Dedicated Reagent | 198 | 102 | 4,33 | 0,786 |
| Siemens Dimension Series Ferene Dedicated Reagent | 180 | 94,9 | 3,08 | 0,545 |
| Abbott ARCHITECT/Alinity (c, i, ci ... Ferene Abbott Alinity c Iron, REF 08P39 | 149 | 104 | 2,89 | 0,614 |
| Siemens Atellica CH Analyzer Ferrozine–no deproteinization Siemens Atellica CH Iron_2, REF 11097601 | 116 | 98,9 | 1,68 | 0,387 |
| Roche cobas c 303/503 Ferrozine–no deproteinization Roche IRON2, REF 08057931 | 73 | 98,7 | 1,78 | 0,515 |

Iron 21 : 5

CYCLE SAMPLE



Lab 242687

LABORATOARELE BIOCLINICA-VACARESTI
CALEA V?C?RE?TI, NR. 300, BL. 1B, SECTOR
BUCURE?TI
ROMANIA

Magnesium Report Clinical Chemistry (Monthly) Program

Cycle 21

Jul 2022 – Jul 2023

Sample No: 5

Sample Date: 28 Nov 22

Lot No: 212000



External Quality Assurance Services

Siemens Atellica CH Analyzer

Your Result

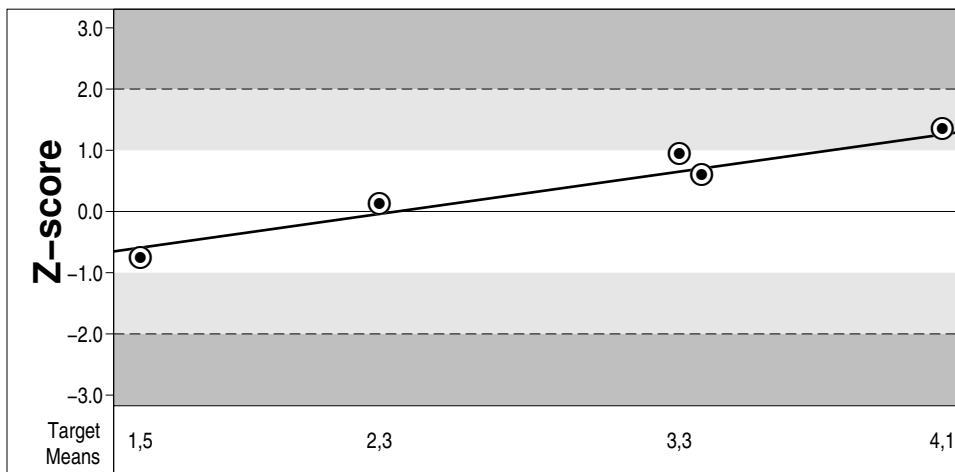
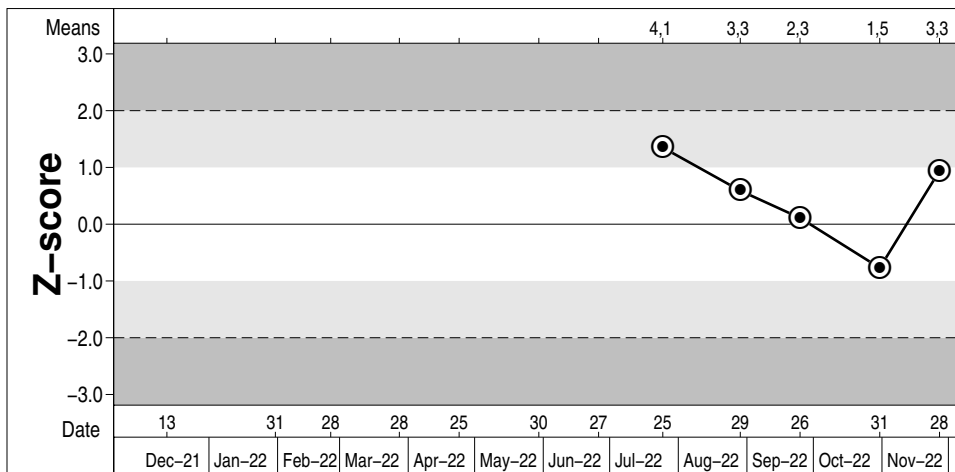
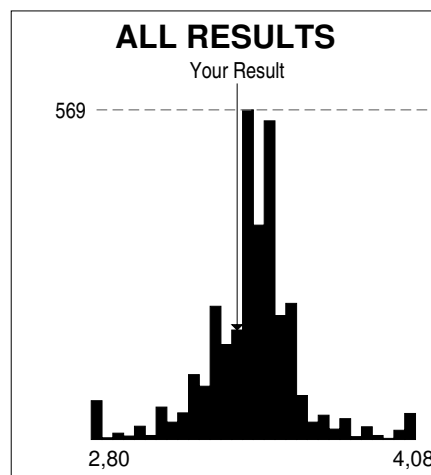
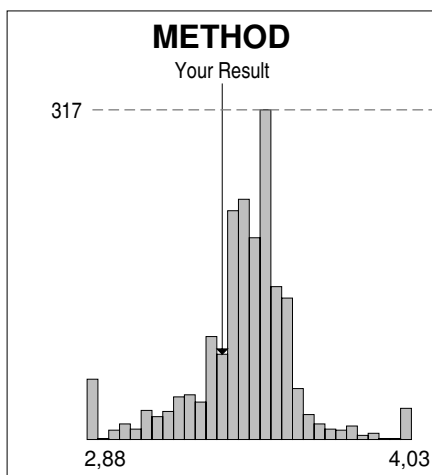
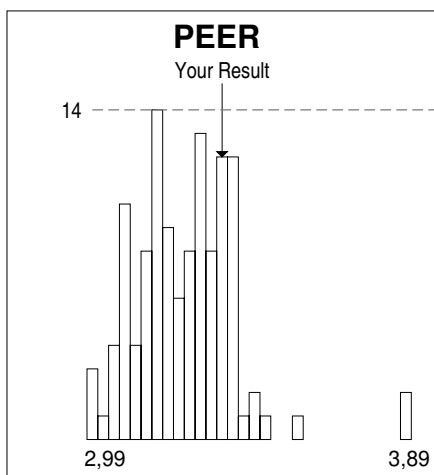
3,37 mg/dL

- ◆ All Results
- Your Method
- Your Peer

Comparative Statistics

Your Deviation

| | N | Mean | SD | CV | U ¹ | Z-score | RMZ | % |
|---------------|------|------|-------|------|----------------|---------|------|-------|
| ◆ All Results | 3273 | 3,44 | 0,128 | 3,71 | 0,006 | -0,56 | 0,49 | -2,08 |
| ■ Your Method | 1878 | 3,45 | 0,115 | 3,32 | 0,007 | -0,72 | 0,45 | -2,39 |
| ● Your Peer | 119 | 3,25 | 0,127 | 3,91 | 0,029 | 0,94 | 0,44 | 3,67 |



| | N | Mean | CV | U ¹ |
|--|-----|------|------|----------------|
| Roche cobas 6000/c 311 Xylidyl blue Dedicated Reagent | 495 | 3,48 | 2,10 | 0,008 |
| Beckman Coulter AU Series Xylidyl blue Dedicated Reagent | 484 | 3,47 | 2,87 | 0,011 |
| VITROS Microslide Series Formazan dye VITROS Dry Slides Reagent Group | 350 | 3,34 | 3,25 | 0,014 |
| Abbott ARCHITECT/Alinity (c, i, ci ... Enzymatic Dedicated Reagent | 240 | 3,43 | 2,77 | 0,015 |
| Abbott ARCHITECT/Alinity (c, i, ci ... Enzymatic Abbott Alinity c Magnesium, REF 08P19 | 155 | 3,46 | 3,23 | 0,022 |
| Siemens Dimension Series Methylthymol blue Dedicated Reagent | 153 | 3,54 | 3,25 | 0,023 |
| Roche cobas 8000 Xylidyl blue Dedicated Reagent | 152 | 3,52 | 2,18 | 0,016 |
| Roche cobas 6000/c 311 Chlorophosphonazo III Dedicated Reagent | 145 | 3,49 | 2,29 | 0,017 |
| Roche cobas Integra / c 111 Chlorophosphonazo III Dedicated Reagent | 133 | 3,40 | 3,72 | 0,027 |

Magnesium 21 : 5

CYCLE SAMPLE



Lab 242687

LABORATOARELE BIOCLINICA-VACARESTI
CALEA V?C?RE?TI, NR. 300, BL. 1B, SECTOR
BUCURE?TI
ROMANIA

Potassium Report Clinical Chemistry (Monthly) Program

Cycle 21

Jul 2022 – Jul 2023
Sample No: 5
Sample Date: 28 Nov 22
Lot No: 212000



Siemens Atellica CH Analyzer

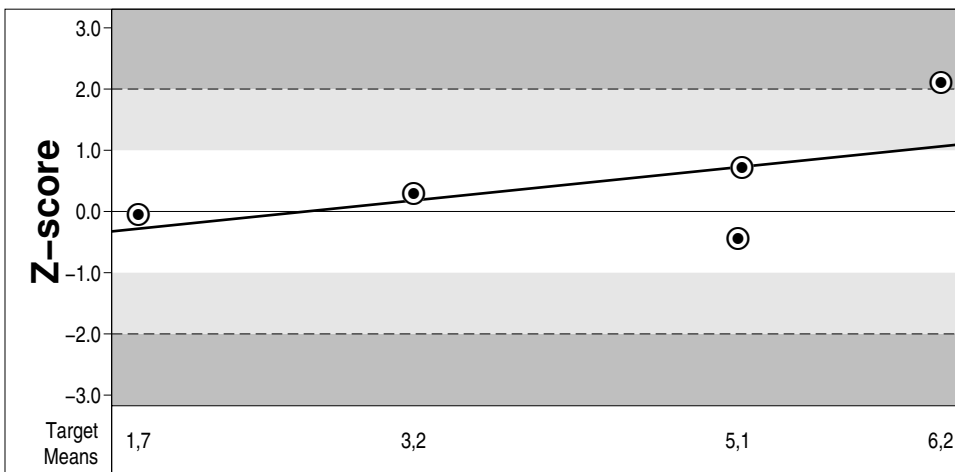
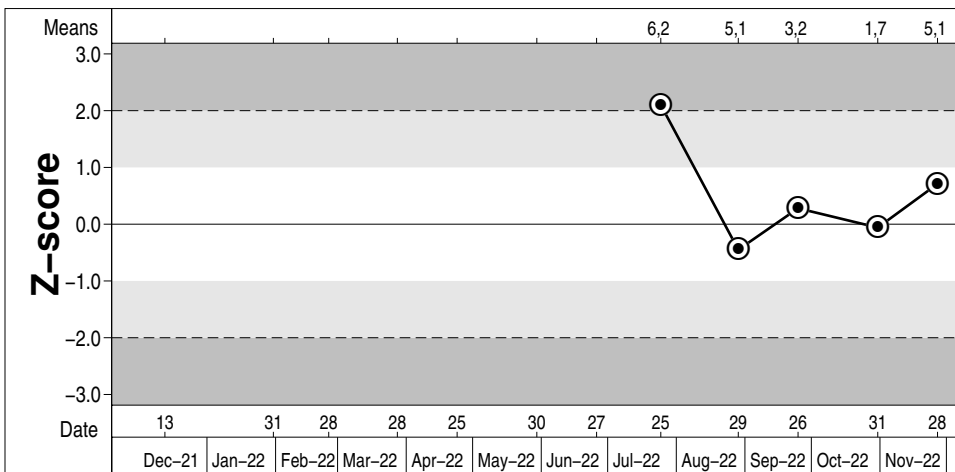
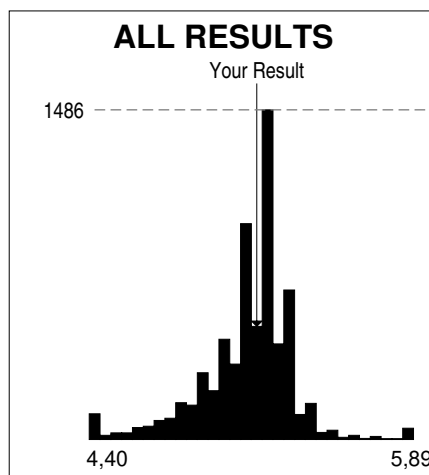
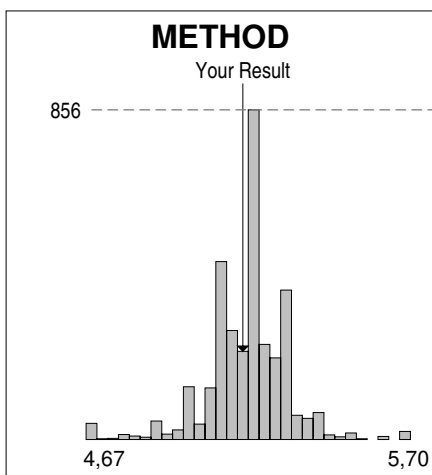
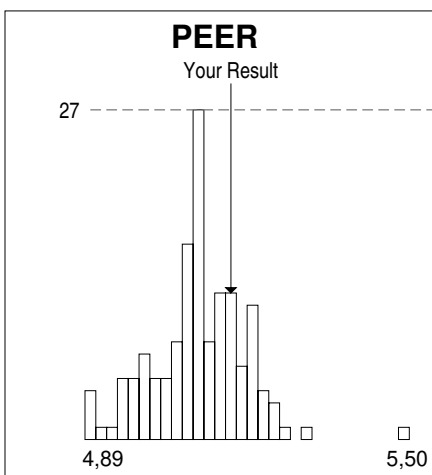
Your Result
5,16 mmol/L

- ◆ All Results
- Your Method
- Your Peer

Comparative Statistics

Your Deviation

| | N | Mean | SD | CV | U ¹ | Z-score | RMZ | % |
|---------------|------|------|-------|------|----------------|---------|-------|--------|
| ◆ All Results | 6656 | 5,14 | 0,149 | 2,89 | 0,005 | 0,11 | -0,26 | 0,319 |
| ■ Your Method | 3405 | 5,19 | 0,103 | 1,99 | 0,004 | -0,26 | -0,60 | -0,518 |
| ● Your Peer | 143 | 5,10 | 0,078 | 1,53 | 0,016 | 0,71 | 0,52 | 1,09 |



| | N | Mean | CV | U ¹ |
|---|------|------|-------|----------------|
| Roche cobas 6000/8000/c 311 ISE indirect Dedicated Reagent | 1031 | 5,25 | 1,46 | 0,006 |
| Beckman Coulter AU Series ISE indirect Dedicated Reagent | 778 | 5,13 | 1,42 | 0,007 |
| VITROS Microslide Series ISE direct VITROS Dry Slides Reagent Group | 562 | 5,24 | 2,05 | 0,011 |
| Medica EasyLyte Series/Expand ISE direct Dedicated Reagent | 469 | 4,94 | 3,67 | 0,021 |
| Abbott ARCHITECT/Alinity (c, i, ci ... ISE indirect Dedicated Reagent | 437 | 5,19 | 1,47 | 0,009 |
| Roche AVL 9100 Series ISE direct Dedicated Reagent | 262 | 5,20 | 0,167 | 0,001 |
| Abbott ARCHITECT/Alinity (c, i, ci ... ISE indirect Abbott Alinity c ICT Diluent, REF 07P53 | 198 | 5,20 | 1,30 | 0,012 |
| Siemens Dimension Xpand/EXL Series ISE indirect Dedicated Reagent | 181 | 5,18 | 1,52 | 0,015 |
| SENSA CORE – ST-100/100B/100C/200 ISE direct Dedicated Reagent | 152 | 4,89 | 4,78 | 0,047 |

Potassium 21 : 5
CYCLE SAMPLE



Lab 242687

LABORATOARELE BIOCLINICA-VACARESTI
CALEA V?C?RE?TI, NR. 300, BL. 1B, SECTOR
BUCURE?TI
ROMANIA

Protein, Total Report Clinical Chemistry (Monthly) Program

Cycle 21

Jul 2022 – Jul 2023

Sample No: 5

Sample Date: 28 Nov 22

Lot No: 212000



External Quality Assurance Services

Siemens Atellica CH Analyzer

Your Result

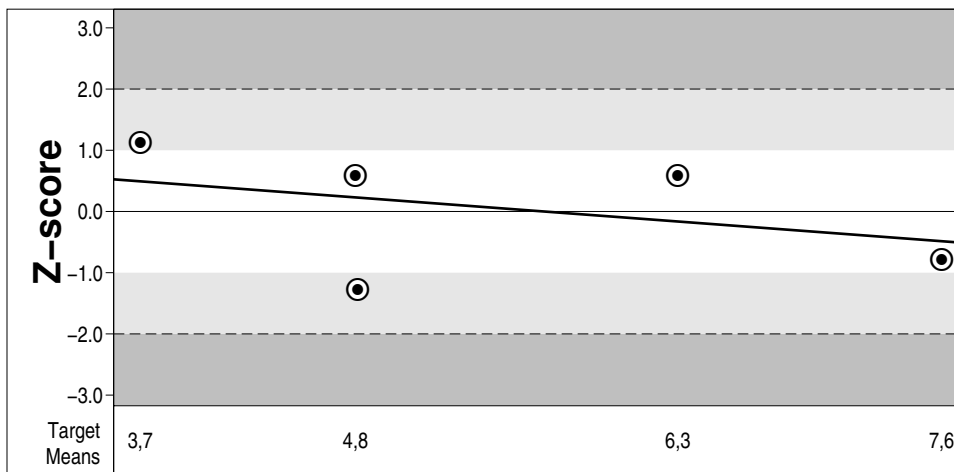
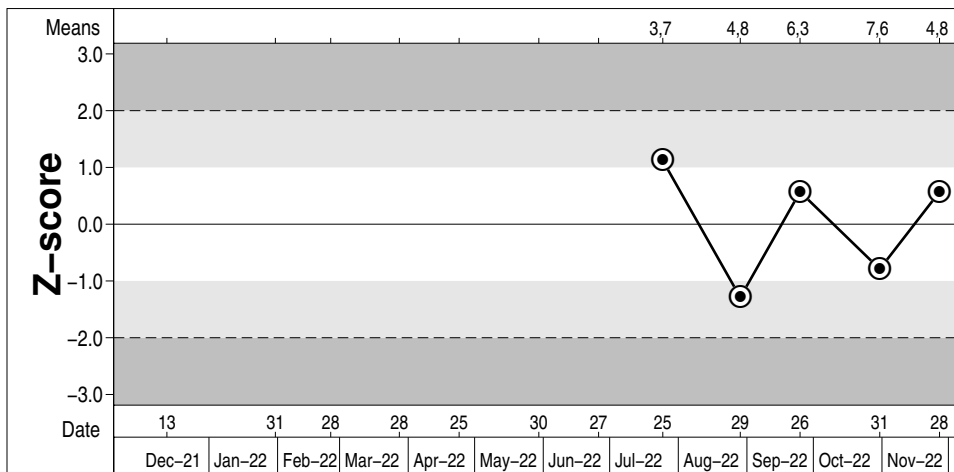
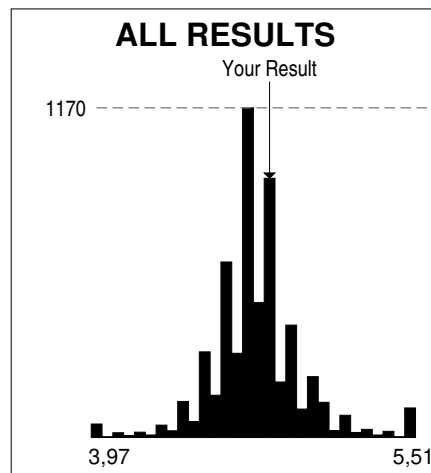
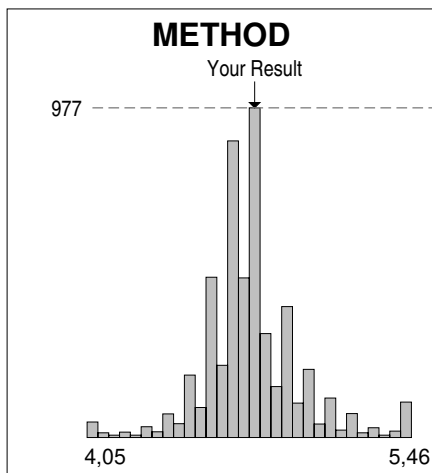
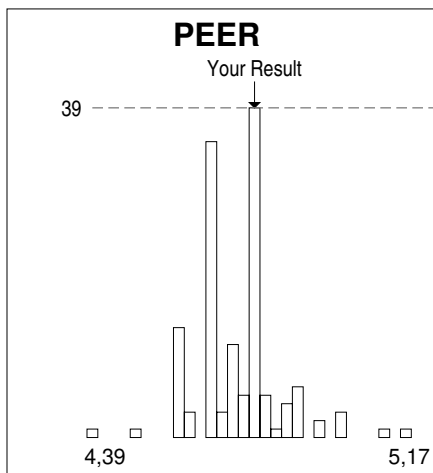
4,8 g/dL

- ◆ All Results
- Your Method
- Your Peer

Comparative Statistics

Your Deviation

| | N | Mean | SD | CV | U ¹ | Z-score | RMZ | % |
|---------------|------|------|-------|------|----------------|---------|-------|-------|
| ◆ All Results | 5629 | 4,74 | 0,155 | 3,26 | 0,005 | 0,38 | -0,02 | 1,24 |
| ■ Your Method | 5117 | 4,76 | 0,141 | 2,96 | 0,005 | 0,31 | -0,10 | 0,913 |
| ● Your Peer | 134 | 4,75 | 0,083 | 1,74 | 0,018 | 0,57 | 0,04 | 0,992 |



| | N | Mean | CV | U ¹ |
|---|------|------|------|----------------|
| Roche cobas 6000/8000/c 311 Biuret method Dedicated Reagent | 1201 | 4,74 | 2,04 | 0,007 |
| Beckman Coulter AU Series Biuret method Dedicated Reagent | 897 | 4,72 | 2,36 | 0,009 |
| VITROS Microslide Series Biuret, no serum blank, end point-VITROS VITROS Dry Slides Reagent Group | 497 | 4,58 | 2,95 | 0,015 |
| Abbott ARCHITECT/Alinity (c, i, ci ... Biuret method Dedicated Reagent | 431 | 4,76 | 2,09 | 0,012 |
| Siemens Dimension Series Biuret method Dedicated Reagent | 349 | 4,91 | 2,86 | 0,019 |
| Roche cobas Integra / c 111 Biuret method Dedicated Reagent | 277 | 4,59 | 2,52 | 0,017 |
| Siemens Atellica CH Analyzer Biuret method Siemens Atellica CH TP, REF 11097604 | 134 | 4,75 | 1,74 | 0,018 |
| Mindray BS Series Biuret method Dedicated Reagent | 122 | 4,82 | 3,52 | 0,038 |
| Abbott ARCHITECT/Alinity (c, i, ci ... Biuret method Abbott Alinity c Total Prot, REF 07P52 | 121 | 4,71 | 2,08 | 0,022 |

Protein, Total 21 : 5

CYCLE SAMPLE



Lab 242687

LABORATOARELE BIOCLINICA-VACARESTI
CALEA V?C?RE?TI, NR. 300, BL. 1B, SECTOR
BUCURE?TI
ROMANIA

Sodium Report Clinical Chemistry (Monthly) Program

Cycle 21

Jul 2022 – Jul 2023
Sample No: 5
Sample Date: 28 Nov 22
Lot No: 212000



Siemens Atellica CH Analyzer

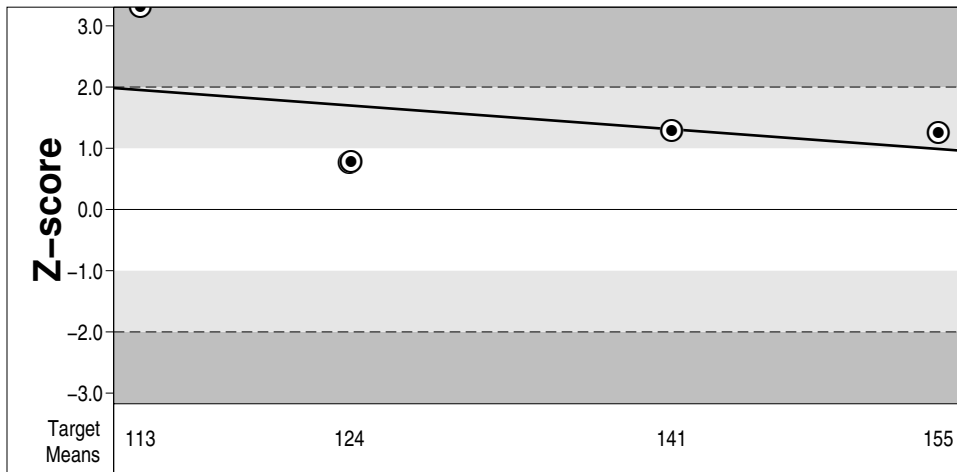
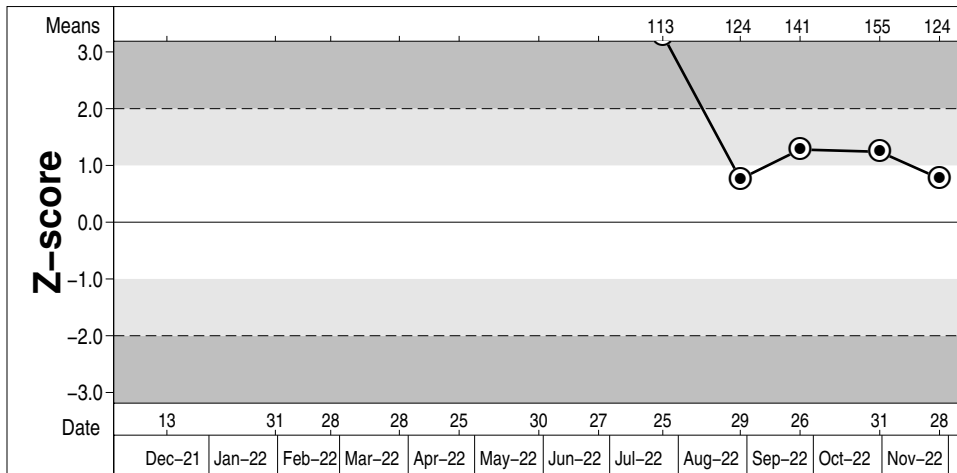
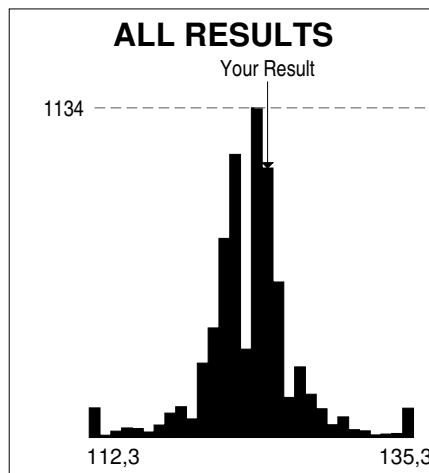
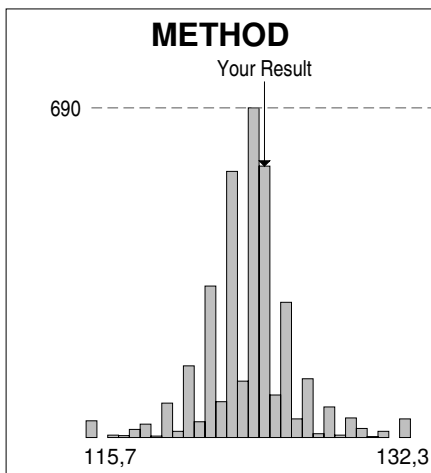
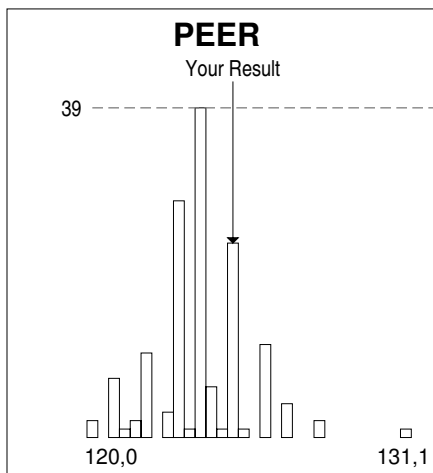
Your Result
125 mmol/L

- ◆ All Results
- Your Method
- Your Peer

Comparative Statistics

| | N | Mean | SD | CV | U ¹ | Z-score | RMZ | % |
|-------------|------|------|------|------|----------------|---------|------|-------|
| All Results | 6634 | 124 | 2,30 | 1,86 | 0,071 | 0,54 | 0,73 | 0,995 |
| Your Method | 3410 | 124 | 1,66 | 1,34 | 0,071 | 0,61 | 0,97 | 0,821 |
| Your Peer | 142 | 124 | 1,45 | 1,17 | 0,304 | 0,77 | 1,47 | 0,895 |

Your Deviation



| | N | Mean | CV | U ¹ |
|---|------|------|------|----------------|
| Roche cobas 6000/8000/c 311 ISE indirect Dedicated Reagent | 1033 | 124 | 1,31 | 0,127 |
| Beckman Coulter AU Series ISE indirect Dedicated Reagent | 782 | 124 | 1,30 | 0,144 |
| VITROS Microslide Series ISE direct VITROS Dry Slides Reagent Group | 560 | 124 | 1,37 | 0,180 |
| Medica EasyLyte Series/Expand ISE direct Dedicated Reagent | 472 | 123 | 2,82 | 0,399 |
| Abbott ARCHITECT/Alinity (c, i, ci ... ISE indirect Dedicated Reagent | 436 | 124 | 1,30 | 0,193 |
| Roche AVL 9100 Series ISE direct Dedicated Reagent | 267 | 122 | 1,23 | 0,229 |
| Abbott ARCHITECT/Alinity (c, i, ci ... ISE indirect Abbott Alinity c ICT Diluent, REF 07P53 | 196 | 125 | 1,16 | 0,258 |
| Siemens Dimension Xpand/EXL Series ISE indirect Dedicated Reagent | 181 | 124 | 1,28 | 0,295 |
| SENSA CORE – ST-100/100B/100C/200 ISE direct Dedicated Reagent | 151 | 126 | 2,45 | 0,629 |

Sodium 21 : 5
CYCLE SAMPLE



Lab 242687

LABORATOARELE BIOCLINICA-VACARESTI
CALEA V?C?RE?TI, NR. 300, BL. 1B, SECTOR
BUCURE?TI
ROMANIA

Triglycerides Report
Clinical Chemistry (Monthly) Program

Cycle 21

Jul 2022 – Jul 2023

Sample No: 5

Sample Date: 28 Nov 22

Lot No: 212000



Siemens Atellica CH Analyzer

Your Result

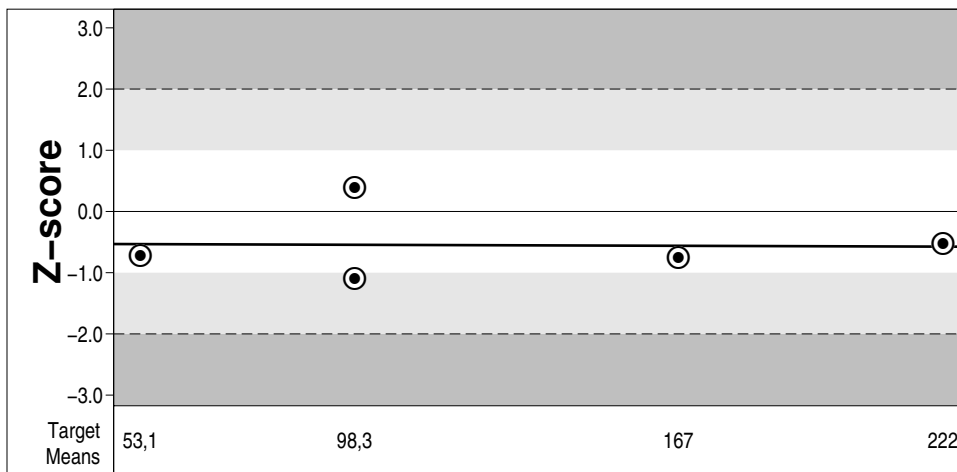
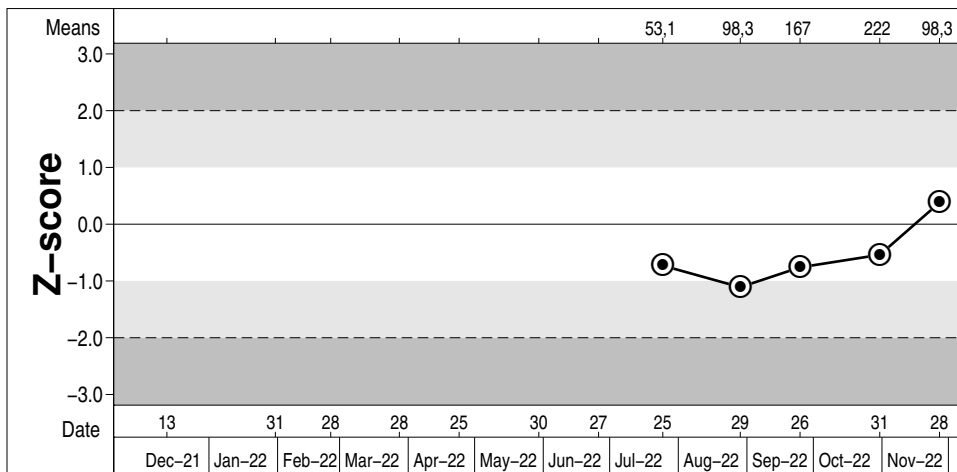
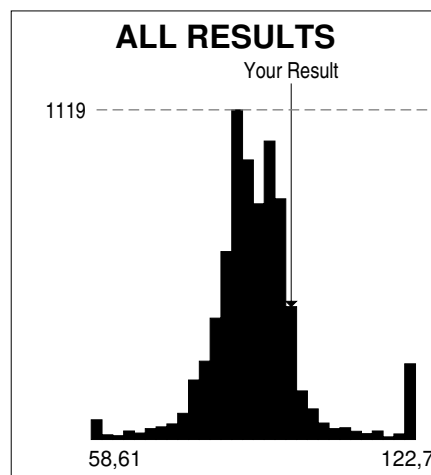
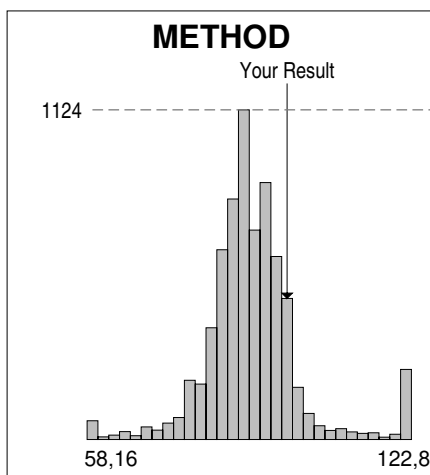
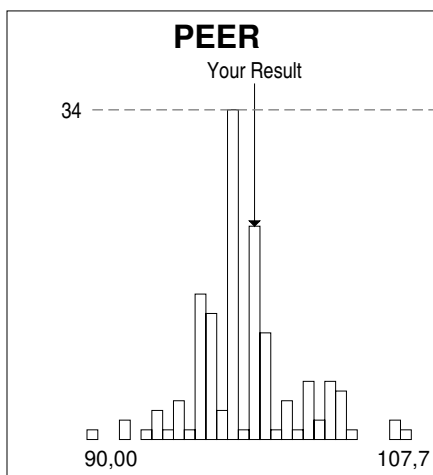
99 mg/dL

- ◆ All Results
- Your Method
- Your Peer

Comparative Statistics

Your Deviation

| | N | Mean | SD | CV | U ¹ | Z-score | RMZ | % |
|-------------|------|------|------|------|----------------|---------|-------|-------|
| All Results | 7801 | 90,6 | 6,41 | 7,07 | 0,181 | 1,30 | 1,07 | 9,22 |
| Your Method | 7110 | 90,5 | 6,46 | 7,14 | 0,192 | 1,32 | 1,09 | 9,42 |
| Your Peer | 141 | 98,3 | 1,87 | 1,91 | 0,394 | 0,38 | -0,55 | 0,723 |



| | N | Mean | CV | U ¹ |
|---|-----|------|------|----------------|
| Beckman Coulter AU Series | | | | |
| Enzymatic, end point | | | | |
| Dedicated Reagent | 876 | 87,8 | 3,38 | 0,251 |
| Roche cobas 6000/c 311 | | | | |
| Enzymatic, end point | | | | |
| Dedicated Reagent | 837 | 94,7 | 2,68 | 0,219 |
| VITROS Microslide Series | | | | |
| Enzymatic, end point | | | | |
| VITROS Dry Slides Reagent Group | 498 | 94,6 | 3,32 | 0,352 |
| Roche cobas Integra / c 111 | | | | |
| Enzymatic, end point | | | | |
| Dedicated Reagent | 440 | 91,4 | 3,17 | 0,345 |
| Abbott ARCHITECT/Alinity (c, i, ci ... | | | | |
| Enzymatic, end point | | | | |
| Dedicated Reagent | 422 | 88,4 | 2,74 | 0,295 |
| Siemens Dimension Series | | | | |
| Enzymatic, end point | | | | |
| Dedicated Reagent | 374 | 86,3 | 3,74 | 0,417 |
| Mindray BS Series | | | | |
| Enzymatic, end point | | | | |
| Dedicated Reagent | 220 | 87,7 | 4,90 | 0,724 |
| Roche cobas 6000/c 311 | | | | |
| Enzymatic with glycerol blank | | | | |
| Dedicated Reagent | 196 | 94,7 | 3,00 | 0,507 |
| Abbott ARCHITECT/Alinity (c, i, ci ... | | | | |
| Enzymatic, end point | | | | |
| Abbott Alinity c Trig, REF 07P77 | 164 | 87,8 | 2,58 | 0,442 |

Triglycerides 21 : 5
CYCLE SAMPLE



Lab 242687

LABORATOARELE BIOCLINICA-VACARESTI
CALEA V?C?RE?TI, NR. 300, BL. 1B, SECTOR
BUCURE?TI
ROMANIA

Uric Acid Report Clinical Chemistry (Monthly) Program

Cycle 21

Jul 2022 – Jul 2023

Sample No: 5

Sample Date: 28 Nov 22

Lot No: 212000



Siemens Atellica CH Analyzer

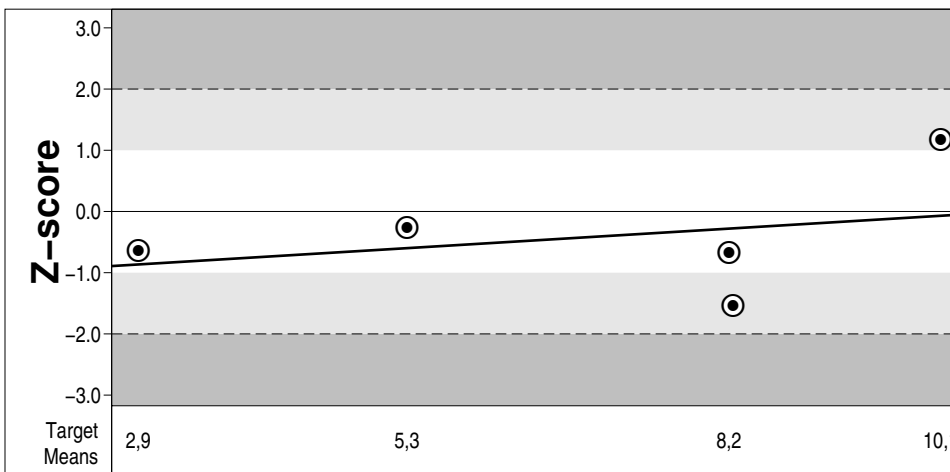
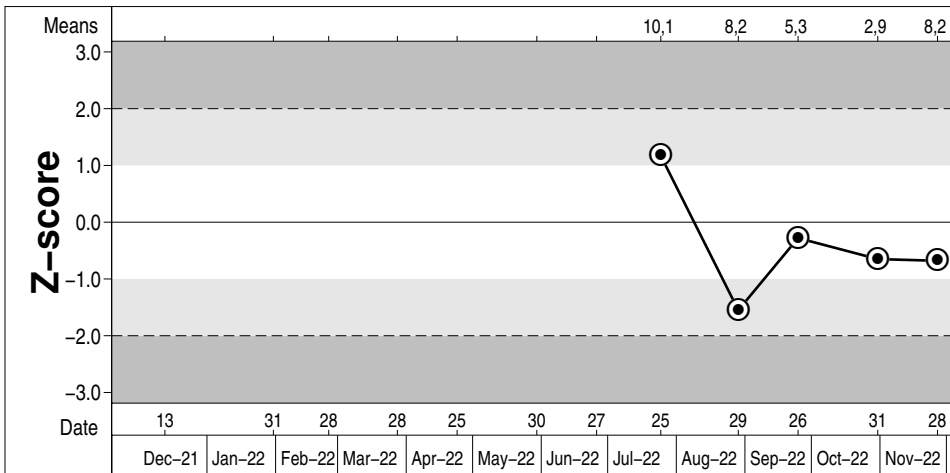
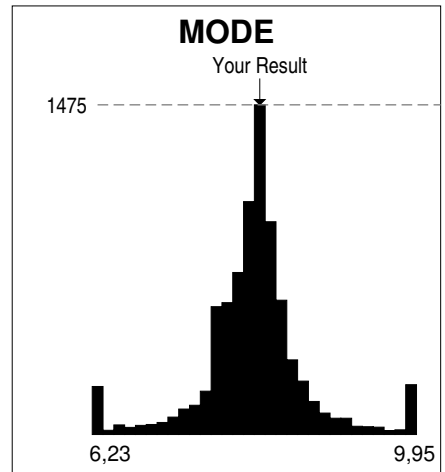
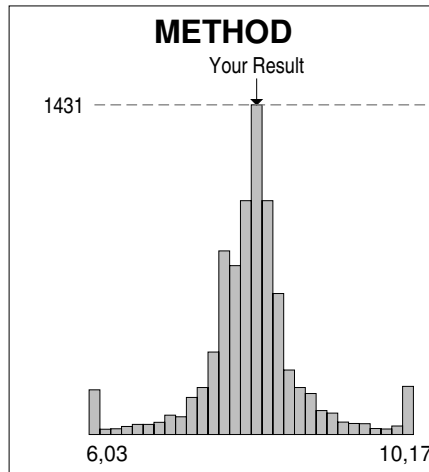
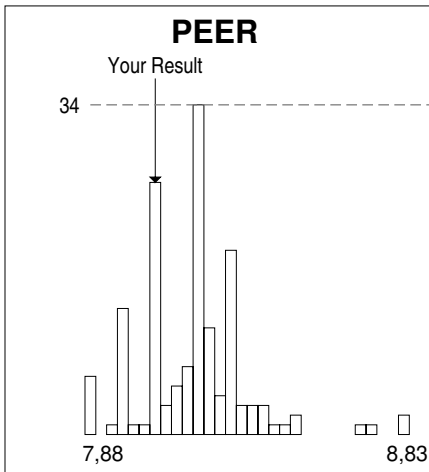
Your Result
8,1 mg/dL

- ◆ Your Mode
- Your Method
- Your Peer

Comparative Statistics

| | N | Mean | SD | CV | U ¹ | Z-score | RMZ | % |
|-------------|------|------|-------|------|----------------|---------|-------|-------|
| Your Mode | 8253 | 8,09 | 0,372 | 4,60 | 0,010 | 0,03 | 0,02 | 0,150 |
| Your Method | 8209 | 8,10 | 0,414 | 5,11 | 0,011 | 0 | -0,03 | 0,008 |
| Your Peer | 148 | 8,19 | 0,128 | 1,57 | 0,026 | -0,68 | -0,40 | -1,07 |

Your Deviation



| | N | Mean | CV | U ¹ |
|--|------|------|------|----------------|
| Roche cobas 6000/c 311 Uricase, colorimetric Dedicated Reagent | 1061 | 8,01 | 2,14 | 0,013 |
| Beckman Coulter AU Series Uricase, colorimetric Dedicated Reagent | 884 | 8,29 | 1,98 | 0,014 |
| VITROS Microslide Series Uricase, colorimetric VITROS Dry Slides Reagent Group | 629 | 7,71 | 2,07 | 0,016 |
| Roche cobas Integra / c 111 Uricase, colorimetric Dedicated Reagent | 546 | 8,20 | 2,95 | 0,026 |
| Abbott ARCHITECT/Alinity (c, i, ci ... Uricase, colorimetric Dedicated Reagent | 466 | 8,13 | 2,24 | 0,021 |
| Siemens Dimension Series Uricase, UV Dedicated Reagent | 373 | 8,10 | 2,06 | 0,022 |
| Mindray BS Series Uricase, colorimetric Dedicated Reagent | 275 | 8,01 | 5,03 | 0,061 |
| Roche cobas 8000 Uricase, colorimetric Dedicated Reagent | 198 | 7,91 | 2,06 | 0,029 |
| BioSystems A15/A25 Uricase, colorimetric Dedicated Reagent | 148 | 8,20 | 5,99 | 0,101 |

Uric Acid 21 : 5
CYCLE SAMPLE



Lab 242687

LABORATOARELE BIOCLINICA-VACARESTI
CALEA V?C?RE?TI, NR. 300, BL. 1B, SECTOR
BUCURE?TI
ROMANIA

Cortisol Report
Clinical Chemistry (Monthly) Program

Cycle 21

Jul 2022 – Jul 2023

Sample No: 5

Sample Date: 28 Nov 22

Lot No: 212000



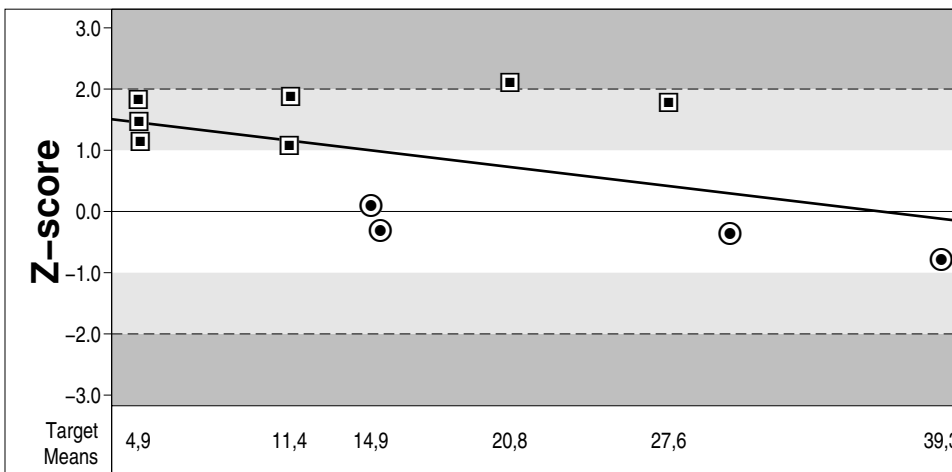
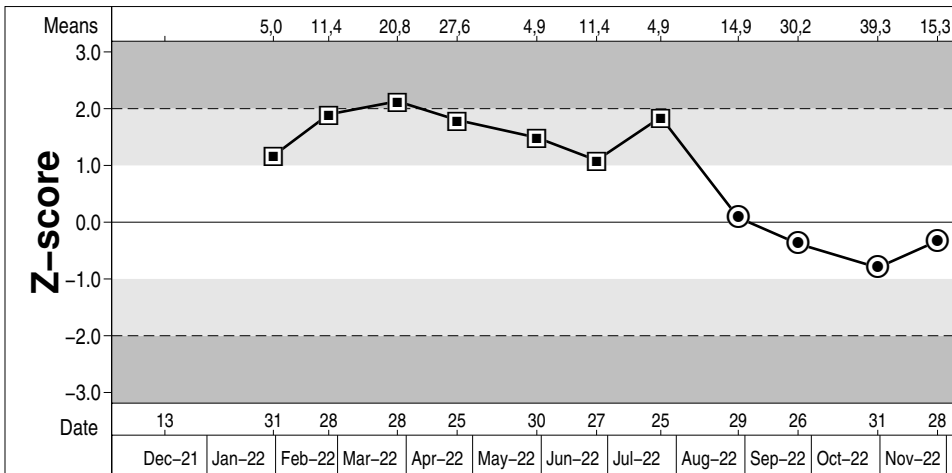
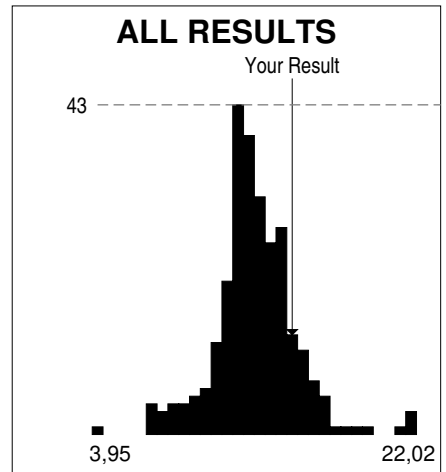
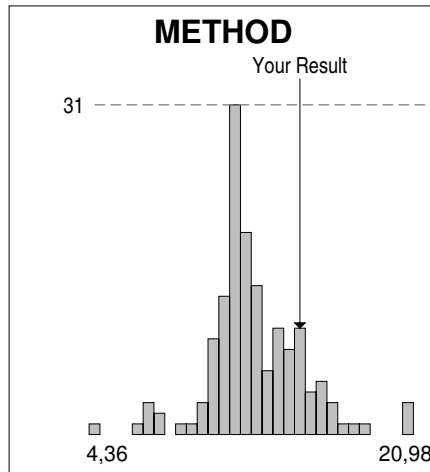
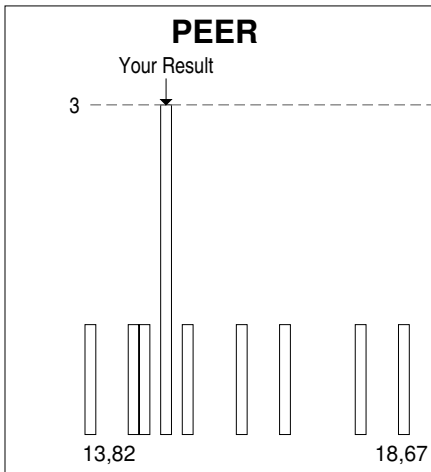
Siemens Atellica IM Analyzer

Your Result
15,01 µg/dL

Comparative Statistics

| | N | Mean | SD | CV | U ¹ | Z-score | RMZ | % |
|---------------|-----|------|-------|------|----------------|---------|-------|-------|
| ◆ All Results | 268 | 13,0 | 1,81 | 13,9 | 0,276 | 1,12 | 1,03 | 15,6 |
| ■ Your Method | 150 | 12,7 | 1,66 | 13,1 | 0,339 | 1,41 | 1,35 | 18,4 |
| ● Your Peer | 11 | 15,3 | 0,787 | 5,15 | 0,593 | -0,33 | -0,42 | -1,70 |

Your Deviation



| | N | Mean | CV | U ¹ |
|--|----|------|------|----------------|
| Abbott ARCHITECT/Alinity (c, i, ci ... Chemiluminescence Dedicated Reagent | 38 | 11,6 | 6,10 | 0,287 |
| Roche Elecsys / cobas e 411 Series Electrochemiluminescence (ECL) Roche ECL Cortisol II (REF 06687733) | 34 | 14,2 | 6,80 | 0,414 |
| Roche cobas 6000/8000/c 311 Electrochemiluminescence (ECL) Roche ECL Cortisol II (REF 06687733) | 28 | 12,9 | 4,82 | 0,294 |
| Beckman Coulter Access, LXi 725, Dx... Chemiluminescence Dedicated Reagent | 26 | 14,3 | 9,72 | 0,681 |
| VITROS Microwell Series Chemiluminescence Dedicated Reagent | 20 | 12,5 | 7,45 | 0,520 |
| Abbott ARCHITECT/Alinity (c, i, ci ... Chemiluminescence Abbott Alinity | 18 | 11,9 | 4,12 | 0,290 |
| bioMérieux VIDAS Group FIA Dedicated Reagent | 15 | 9,39 | 12,1 | 0,732 |
| Siemens Atellica IM Analyzer Chemiluminescence Siemens Atellica Reagent | 11 | 15,3 | 5,15 | 0,593 |
| Roche cobas 6000/8000/c 311 Electrochemiluminescence (ECL) Roche ECL Cortisol (REF 11875116) | 11 | 13,5 | 10,1 | 1,03 |

Cortisol 21 : 5
CYCLE SAMPLE



Lab 242687

LABORATOARELE BIOCLINICA-VACARESTI
CALEA V?C?RE?TI, NR. 300, BL. 1B, SECTOR
BUCURE?TI
ROMANIA

T3, Free Report
Clinical Chemistry (Monthly) Program

Cycle 21

Jul 2022 – Jul 2023

Sample No: 5

Sample Date: 28 Nov 22

Lot No: 212000



Siemens Atellica IM Analyzer

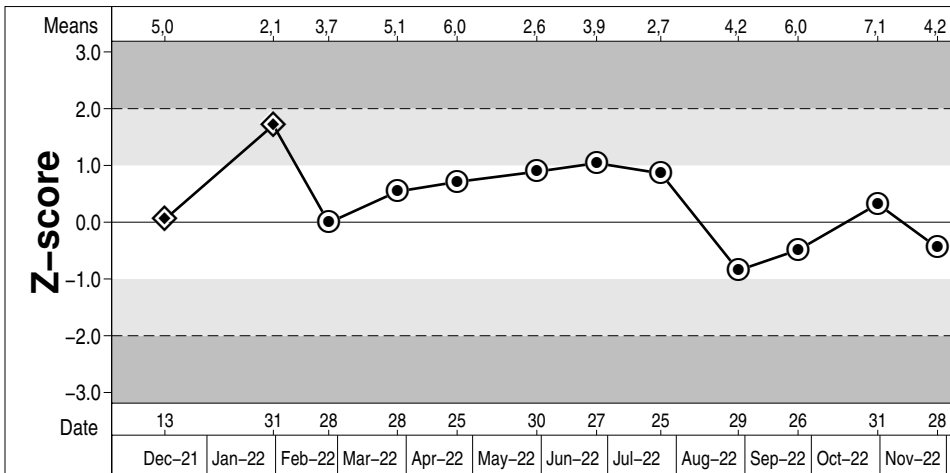
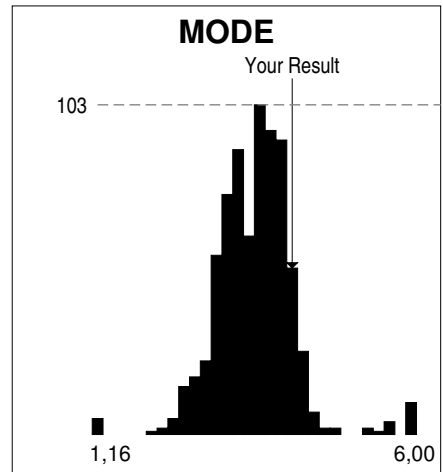
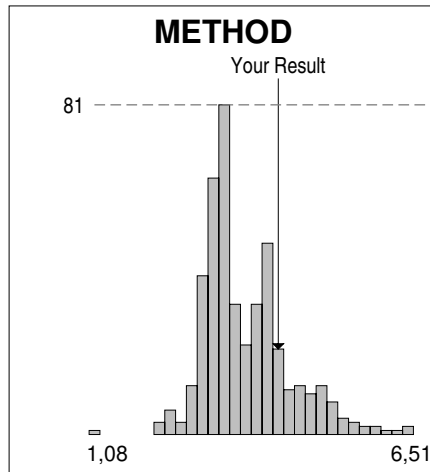
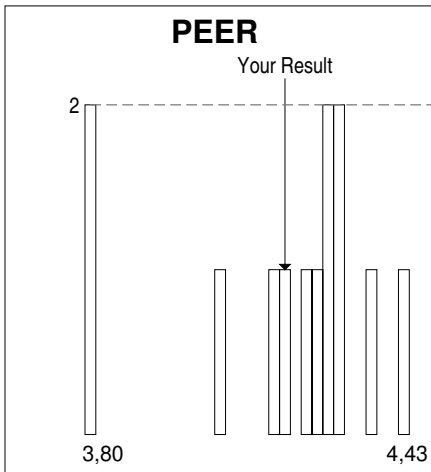
Your Result
4,2 pg/mL

- ◆ Your Mode
- Your Method
- Your Peer

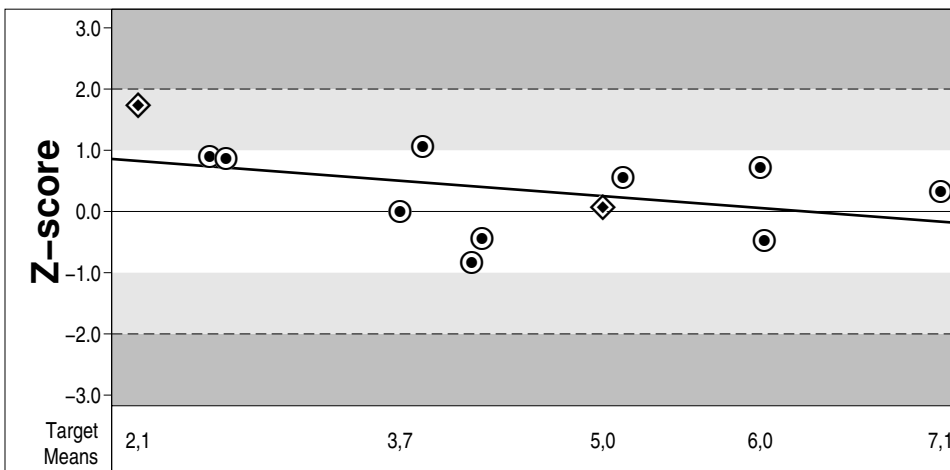
Comparative Statistics

| | N | Mean | SD | CV | U ¹ | Z-score | RMZ | % |
|-------------|-----|------|-------|------|----------------|---------|------|--------|
| Your Mode | 746 | 3,58 | 0,484 | 13,5 | 0,044 | 1,28 | 1,01 | 17,3 |
| Your Method | 430 | 3,61 | 0,579 | 16,0 | 0,070 | 1,01 | 0,95 | 16,2 |
| Your Peer | 13 | 4,24 | 0,088 | 2,07 | 0,061 | -0,45 | 0,07 | -0,923 |

Your Deviation



| | N | Mean | CV | U ¹ |
|---|-----|------|------|----------------|
| Roche Elecsys / cobas e 411 Series Electrochemiluminescence (ECL) Dedicated Reagent | 154 | 3,87 | 6,11 | 0,048 |
| Roche cobas 6000/8000/c 311 Electrochemiluminescence (ECL) Dedicated Reagent | 114 | 3,74 | 5,01 | 0,044 |
| Abbott ARCHITECT (c, i, ci models) Chemiluminescence Dedicated Reagent | 94 | 3,30 | 5,19 | 0,044 |
| Beckman Coulter Access, LXi 725, Dx... Chemiluminescence Dedicated Reagent | 70 | 3,25 | 7,07 | 0,069 |
| bioMérieux VIDAS Group FIA Dedicated Reagent | 64 | 2,98 | 11,0 | 0,102 |
| VITROS Microwell Series Chemiluminescence Dedicated Reagent | 57 | 4,86 | 8,46 | 0,136 |
| Siemens ADVIA Centaur Systems Chemiluminescence Dedicated Reagent | 53 | 3,97 | 3,89 | 0,053 |
| Siemens ADVIA Centaur CP Chemiluminescence Dedicated Reagent | 30 | 4,08 | 2,27 | 0,042 |
| Abbott Alinity i Chemiluminescence Abbott Alinity | 24 | 3,29 | 4,49 | 0,075 |



T3, Free 21 : 5
CYCLE SAMPLE



Lab 242687

LABORATOARELE BIOCLINICA-VACARESTI
CALEA V?C?RE?TI, NR. 300, BL. 1B, SECTOR
BUCURE?TI
ROMANIA

T3, Total Report Clinical Chemistry (Monthly) Program

Cycle 21

Jul 2022 – Jul 2023

Sample No: 5

Sample Date: 28 Nov 22

Lot No: 212000



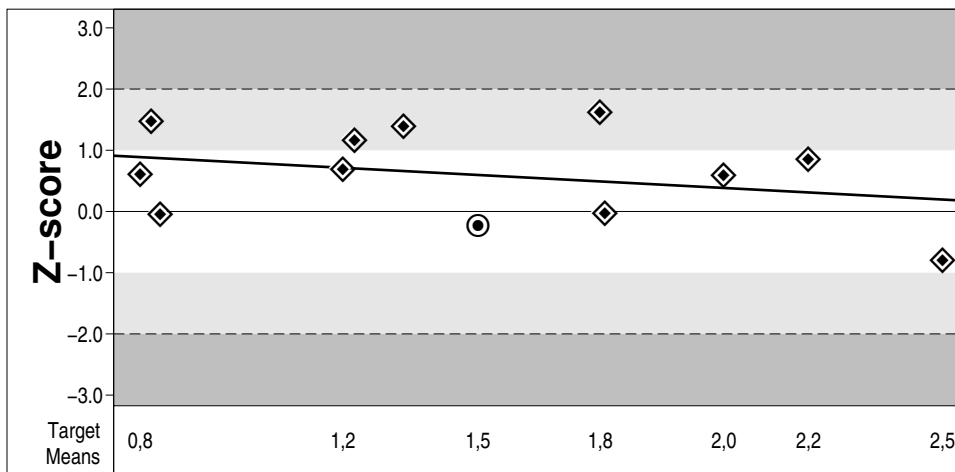
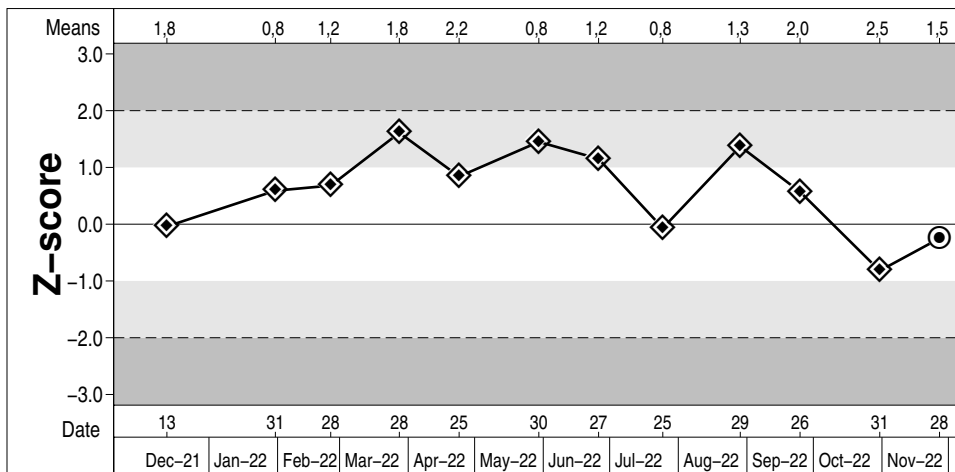
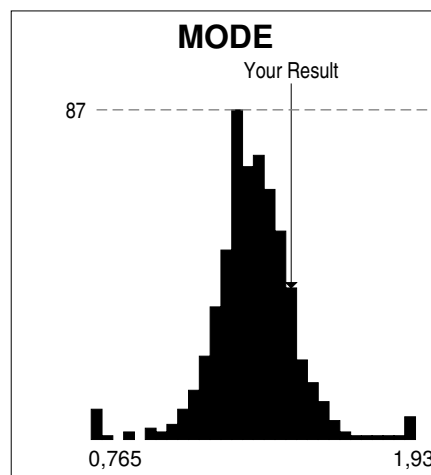
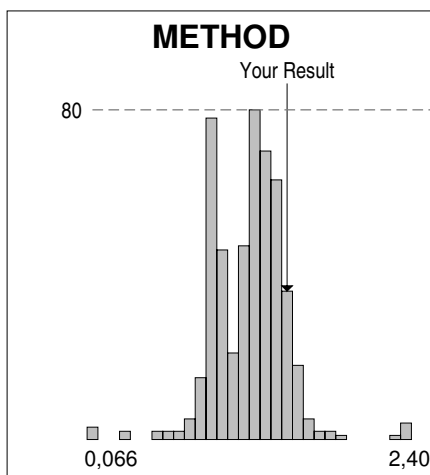
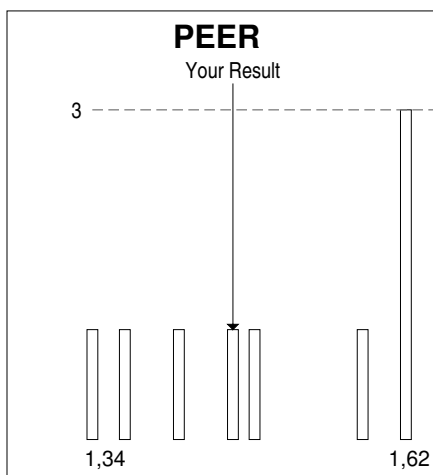
Siemens Atellica IM Analyzer

Your Result
1,47 ng/mL

Comparative Statistics

Your Deviation

| | N | Mean | SD | CV | U ¹ | Z-score | RMZ | % |
|---------------|-----|------|-------|------|----------------|---------|-------|-------|
| ◆ Your Mode | 608 | 1,35 | 0,117 | 8,66 | 0,012 | 1,03 | 0,54 | 8,96 |
| ■ Your Method | 506 | 1,23 | 0,234 | 18,9 | 0,026 | 1,01 | 0,68 | 19,1 |
| ◎ Your Peer | 9 | 1,50 | 0,125 | 8,30 | 0,104 | -0,25 | -1,22 | -2,11 |



| | N | Mean | CV | U ¹ |
|---|-----|-------|------|----------------|
| Roche Elecsys / cobas e 411 Series Electrochemiluminescence (ECL) Dedicated Reagent | 170 | 1,37 | 8,22 | 0,022 |
| Beckman Coulter Access, LXi 725, Dx... Chemiluminescence Dedicated Reagent | 98 | 1,32 | 10,7 | 0,036 |
| Abbott ARCHITECT i1000/ci4100 Series Chemiluminescence Dedicated Reagent | 79 | 0,976 | 4,21 | 0,012 |
| Roche cobas 6000/8000/c 311 Electrochemiluminescence (ECL) Dedicated Reagent | 79 | 1,34 | 4,92 | 0,018 |
| VITROS Microwell Series Chemiluminescence Dedicated Reagent | 78 | 1,30 | 4,62 | 0,017 |
| Siemens ADVIA Centaur Systems Chemiluminescence Dedicated Reagent | 69 | 1,44 | 7,30 | 0,032 |
| bioMérieux VIDAS Group FIA Dedicated Reagent | 62 | 1,00 | 9,43 | 0,030 |
| Siemens ADVIA Centaur CP Chemiluminescence Dedicated Reagent | 40 | 1,44 | 7,70 | 0,044 |
| Beckman Coulter UniCel Dxl Series Chemiluminescence Dedicated Reagent | 24 | 1,25 | 8,96 | 0,057 |

T3, Total 21 : 5
CYCLE SAMPLE



Lab 242687

LABORATOARELE BIOCLINICA-VACARESTI
CALEA V?C?RE?TI, NR. 300, BL. 1B, SECTOR
BUCURE?TI
ROMANIA

T4, Free Report Clinical Chemistry (Monthly) Program

Cycle 21

Jul 2022 – Jul 2023

Sample No: 5

Sample Date: 28 Nov 22

Lot No: 212000



Siemens Atellica IM Analyzer

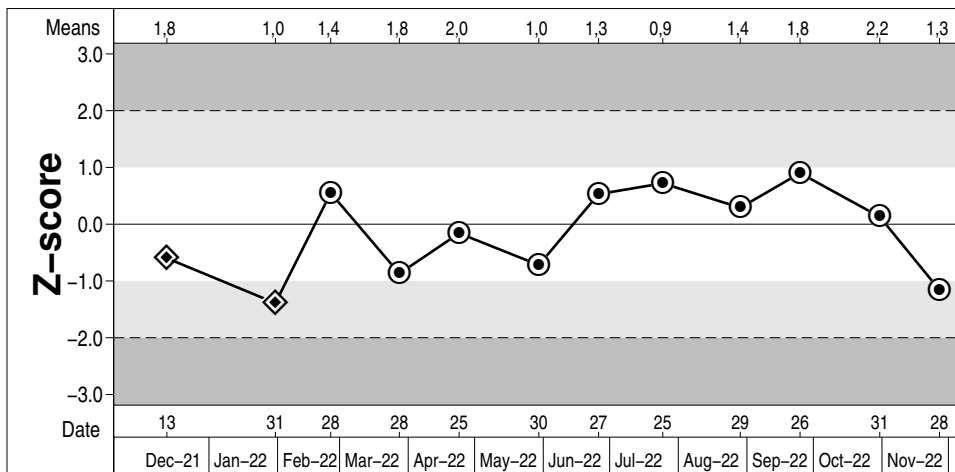
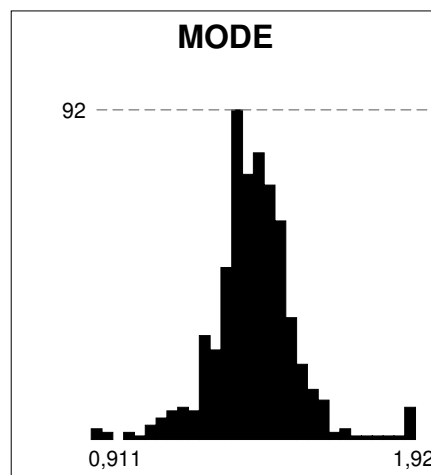
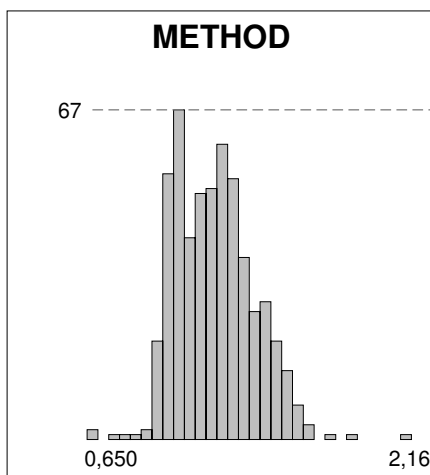
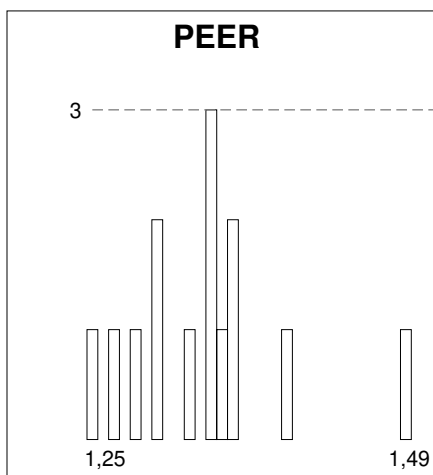
Your Result
1,28 ng/dL

- ◆ Your Mode
- Your Method
- Your Peer

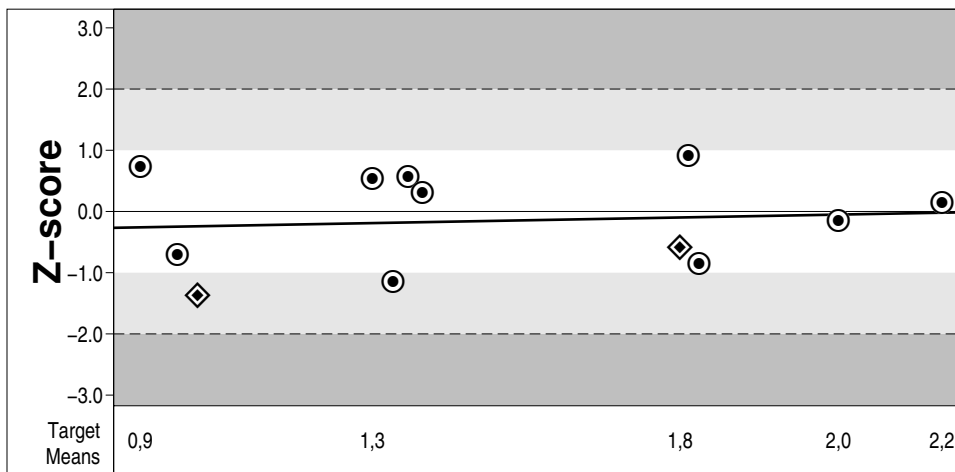
Comparative Statistics

| | N | Mean | SD | CV | U ¹ | Z-score | RMZ | % |
|-------------|-----|------|-------|------|----------------|---------|-------|-------|
| Your Mode | 622 | 1,42 | 0,101 | 7,15 | 0,010 | -1,35 | -0,43 | -9,68 |
| Your Method | 541 | 1,24 | 0,184 | 14,8 | 0,020 | 0,22 | 0,75 | 3,24 |
| Your Peer | 14 | 1,33 | 0,046 | 3,46 | 0,031 | -1,16 | 0,24 | -4,02 |

Your Deviation



| | N | Mean | CV | U ¹ |
|---|-----|-------|------|----------------|
| Roche Elecsys / cobas e 411 Series Electrochemiluminescence (ECL) Roche Elecsys FT4 III, REF 07976836 | 145 | 1,44 | 5,37 | 0,016 |
| Abbott ARCHITECT (c, i, ci models) Chemiluminescence Dedicated Reagent | 126 | 1,07 | 5,22 | 0,012 |
| Roche cobas 6000/8000/c 311 Electrochemiluminescence (ECL) Roche Elecsys FT4 III, REF 07976836 | 109 | 1,42 | 4,70 | 0,016 |
| Beckman Coulter Access, LXi 725, Dx... Chemiluminescence Dedicated Reagent | 88 | 1,27 | 7,04 | 0,024 |
| VITROS Microwell Series Chemiluminescence Dedicated Reagent | 65 | 1,49 | 6,31 | 0,029 |
| Siemens ADVIA Centaur Systems Chemiluminescence Dedicated Reagent | 57 | 1,31 | 8,26 | 0,036 |
| bioMérieux VIDAS Group FIA bioMérieux VIDAS FT4N (REF 30459) | 57 | 0,741 | 12,9 | 0,032 |
| Roche Elecsys / cobas e 411 Series Electrochemiluminescence (ECL) Roche FT4 II, REF 06437281 | 48 | 1,47 | 5,90 | 0,031 |
| Siemens ADVIA Centaur CP Chemiluminescence Dedicated Reagent | 34 | 1,32 | 9,15 | 0,052 |



T4, Free 21 : 5
CYCLE SAMPLE



Lab 242687

LABORATOARELE BIOCLINICA-VACARESTI
CALEA V?C?RE?TI, NR. 300, BL. 1B, SECTOR
BUCURE?TI
ROMANIA

T4, Total Report Clinical Chemistry (Monthly) Program

Cycle 21

Jul 2022 – Jul 2023
Sample No: 5
Sample Date: 28 Nov 22
Lot No: 212000



Siemens Atellica IM Analyzer

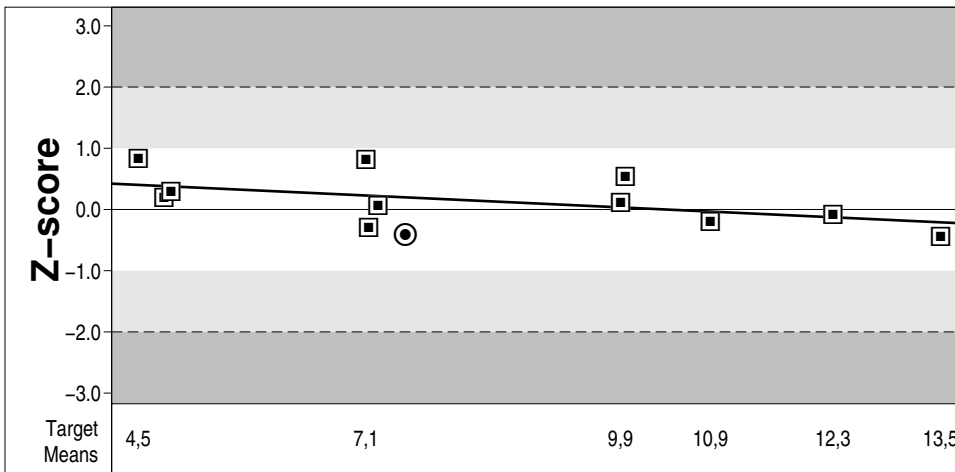
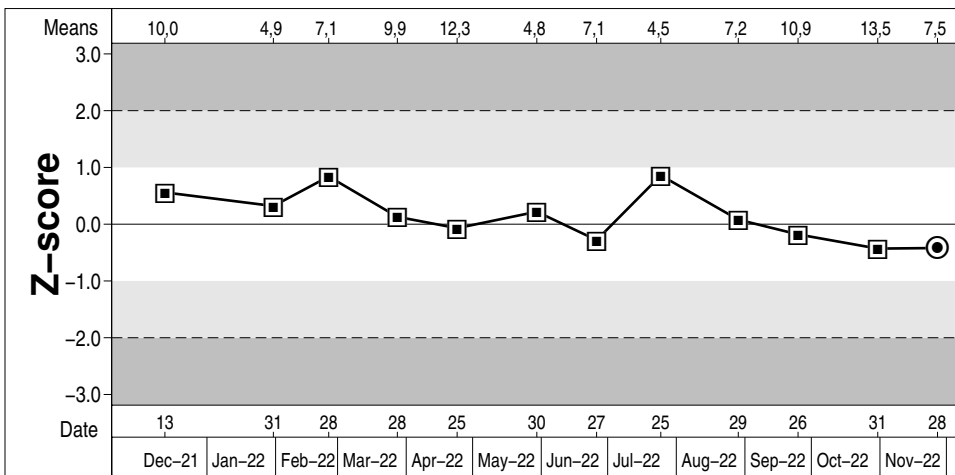
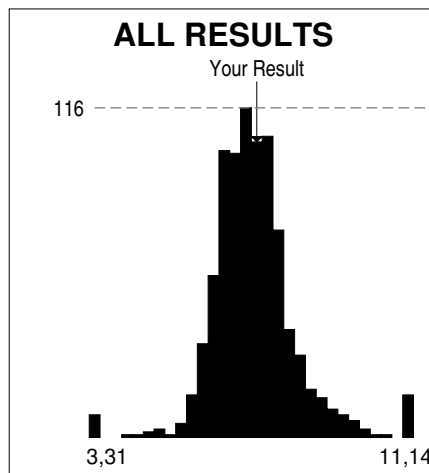
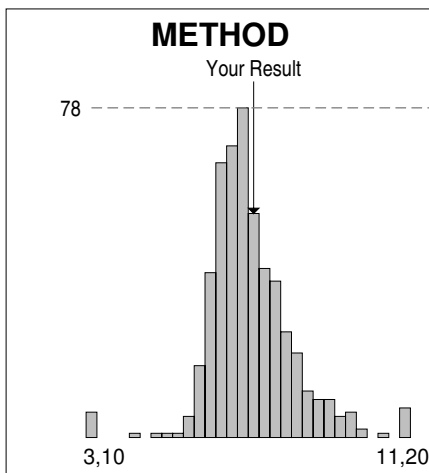
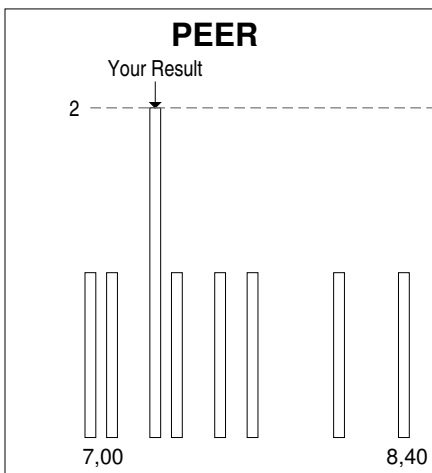
Your Result
7,32 µg/dL

- ◆ All Results
- Your Method
- Your Peer

Comparative Statistics

| | N | Mean | SD | CV | U ¹ | Z-score | RMZ | % |
|-------------|-----|------|-------|------|----------------|---------|-------|-------|
| All Results | 869 | 7,23 | 0,783 | 10,8 | 0,066 | 0,12 | -0,02 | 1,28 |
| Your Method | 509 | 7,15 | 0,810 | 11,3 | 0,090 | 0,21 | 0,04 | 2,37 |
| Your Peer | 9 | 7,50 | 0,436 | 5,81 | 0,363 | -0,42 | -0,24 | -2,42 |

Your Deviation



| | N | Mean | CV | U ¹ |
|---|-----|------|------|----------------|
| Roche Elecsys / cobas e 411 Series Electrochemiluminescence (ECL) Dedicated Reagent | 162 | 7,60 | 6,90 | 0,103 |
| Beckman Coulter Access, LXi 725, Dx... Chemiluminescence Dedicated Reagent | 100 | 7,83 | 8,91 | 0,174 |
| Abbott ARCHITECT/Alinity (c, i, ci ... Chemiluminescence Dedicated Reagent | 99 | 6,44 | 5,53 | 0,090 |
| VITROS Microwell Series Chemiluminescence Dedicated Reagent | 80 | 7,11 | 6,16 | 0,123 |
| Roche cobas 6000/8000/c 311 Electrochemiluminescence (ECL) Dedicated Reagent | 78 | 7,43 | 3,94 | 0,083 |
| Siemens ADVIA Centaur Systems Chemiluminescence Dedicated Reagent | 68 | 6,99 | 6,79 | 0,144 |
| bioMérieux VIDAS Group FIA Dedicated Reagent | 68 | 6,70 | 6,61 | 0,134 |
| Siemens ADVIA Centaur CP Chemiluminescence Dedicated Reagent | 35 | 6,95 | 5,07 | 0,149 |
| Abbott ARCHITECT/Alinity (c, i, ci ... Chemiluminescence Abbott Alinity | 25 | 6,51 | 4,14 | 0,135 |

T4, Total 21 : 5
CYCLE SAMPLE



Lab 242687

LABORATOARELE BIOCLINICA-VACARESTI
CALEA V?C?RE?TI, NR. 300, BL. 1B, SECTOR
BUCURE?TI
ROMANIA

TSH Report
Clinical Chemistry (Monthly) Program

Cycle 21

Jul 2022 – Jul 2023

Sample No: 5

Sample Date: 28 Nov 22

Lot No: 212000



Siemens Atellica IM Analyzer

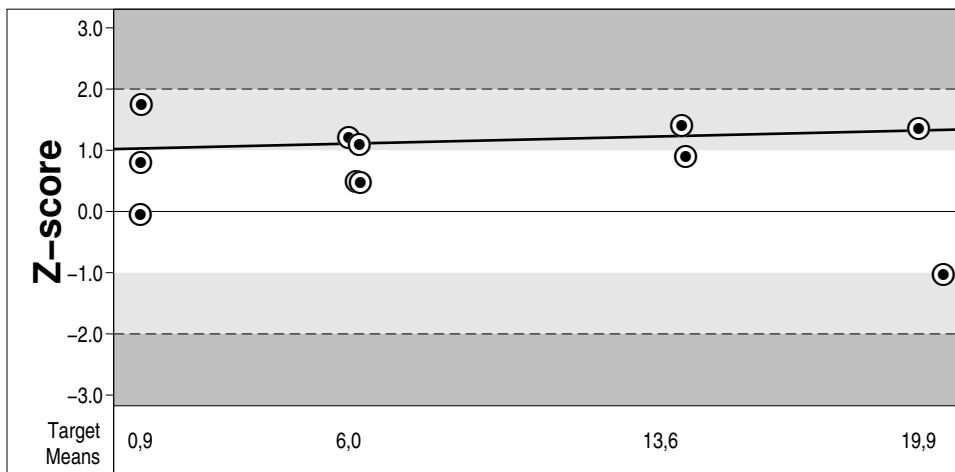
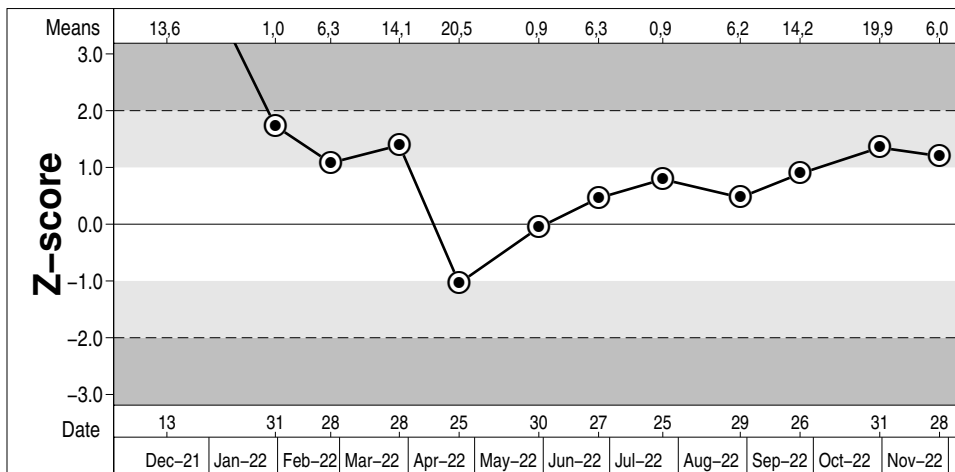
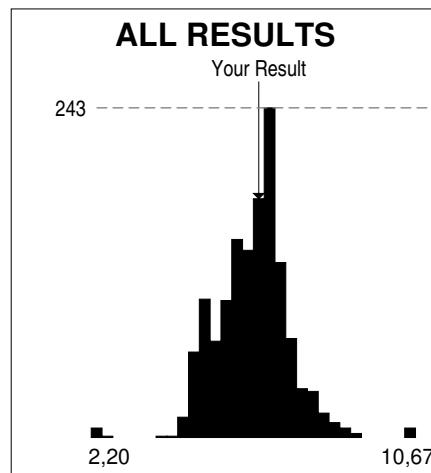
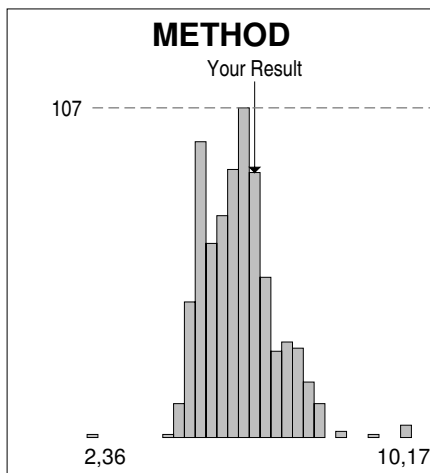
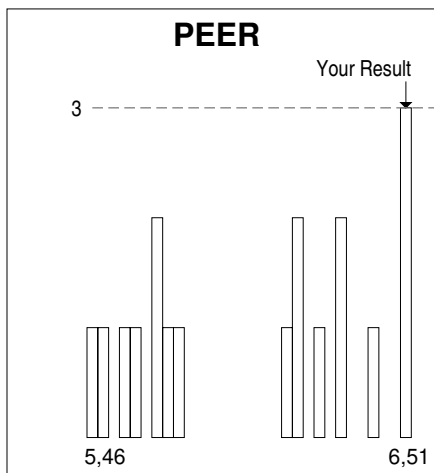
Your Result
6,506 μ IU/mL

- ◆ All Results
- Your Method
- ◎ Your Peer

Comparative Statistics

| | N | Mean | SD | CV | U ¹ | Z-score | RMZ | % |
|-------------|------|------|-------|------|----------------|---------|------|------|
| All Results | 1384 | 6,44 | 0,847 | 13,2 | 0,057 | 0,08 | 0,00 | 1,08 |
| Your Method | 745 | 5,99 | 0,836 | 13,9 | 0,077 | 0,61 | 0,55 | 8,53 |
| Your Peer | 18 | 6,00 | 0,419 | 6,99 | 0,247 | 1,20 | 0,86 | 8,37 |

Your Deviation



| | N | Mean | CV | U ¹ |
|---|-----|------|------|----------------|
| Roche Elecsys / cobas e 411 Series Electrochemiluminescence (ECL) Dedicated Reagent | 258 | 6,81 | 5,05 | 0,053 |
| Roche cobas 6000/8000/c 311 Electrochemiluminescence (ECL) Dedicated Reagent | 187 | 6,81 | 3,43 | 0,043 |
| Abbott ARCHITECT/Alinity (c, i, ci ... Chemiluminescence Dedicated Reagent | 172 | 5,11 | 5,23 | 0,051 |
| VITROS Microwell Series Chemiluminescence Dedicated Reagent | 95 | 5,93 | 5,39 | 0,082 |
| bioMérieux VIDAS Group FIA Dedicated Reagent | 93 | 7,77 | 8,00 | 0,161 |
| Beckman Coulter Access, LXi 725, Dx... Chemiluminescence Dedicated Reagent | 73 | 6,24 | 4,72 | 0,086 |
| Siemens ADVIA Centaur Systems Chemiluminescence Siemens Centaur TSH, REF 08700387 | 50 | 7,35 | 6,12 | 0,159 |
| Beckman Coulter Access, LXi 725, Dx... Chemiluminescence TSH, WHO 3rd IS 81/565 | 39 | 6,18 | 4,78 | 0,118 |
| Abbott ARCHITECT/Alinity (c, i, ci ... Chemiluminescence Abbott Alinity | 35 | 5,19 | 4,06 | 0,089 |

TSH 21 : 5
CYCLE SAMPLE

**Lab 242687**LABORATOARELE BIOCLINICA-VACARESTI
CALEA V?C?RE?TI, NR. 300, BL. 1B, SECTOR
BUCURE?TI
ROMANIA**Data on File Report
Clinical Chemistry (Monthly) Program****Cycle 21**

Jul 2022 – Jul 2023

Sample No: 5

Sample Date: 28 Nov 22

Lot No: 212000



External Quality Assurance Services

Sample Numbers

| Analyte Unit | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|--------------|---|---|---|---|---|---|---|---|---|----|----|----|
|--------------|---|---|---|---|---|---|---|---|---|----|----|----|

Instrument: Roche AVL 9180

| | | | | | | | | | | | | |
|-------|--------|------|------|------|------|------|--|--|--|--|--|--|
| ✓ ICA | mmol/L | 0,72 | 0,85 | 1,27 | 1,91 | 0,91 | | | | | | |
|-------|--------|------|------|------|------|------|--|--|--|--|--|--|

Instrument: Roche cobas INTEGRA

| | | | | | | | | | | | | |
|--------|--------|-------------|------|-------------|-------|-------|--|--|--|--|--|--|
| ALB | g/dL | 2,32 | 2,78 | 3,75 | 4,37 | 2,83 | | | | | | |
| CO2 | mmol/L | - | - | 18,5 | 22,4 | 17,4 | | | | | | |
| GGT | U/L | - | - | 245,7 | 334,2 | - | | | | | | |
| ✓ LDH | U/L | 189 | 391 | 711 | 917 | 391 | | | | | | |
| ✓ LIP | U/L | 47,9 | 72,7 | 332,1 | 145,5 | 73,9 | | | | | | |
| ✓ PHOS | mg/dL | 9,46 | 7,37 | 4,54 | 1,95 | 7,32 | | | | | | |
| TIBC | µg/dL | - | - | 297,3 | 359,6 | 224,4 | | | | | | |
| UIBC | µmol/L | - | - | 24,4 | 25,2 | 21,5 | | | | | | |

Instrument: Siemens Atellica CH Analyzer

| | | | | | | | | | | | | |
|---------|---------------------------|-------------|-------|--------|-------|-------|--|--|--|--|--|--|
| ✓ ALKP | U/L | 466 | 368 | 199 | 68 | 334 | | | | | | |
| ALT | U/L | 216 | 153 | 84 | 28 | 158 | | | | | | |
| ✓ AMYL | U/L | 1056 | 826 | 435 | 103 | 815 | | | | | | |
| ✓ AST | U/L | 34 | 98 | 202 | 294 | 97 | | | | | | |
| ✓ DBIL | mg/dL | 0,72 | 1,38 | 2,05 | 2,53 | 1,42 | | | | | | |
| ✓ TBIL | mg/dL | 1,17 | 2,98 | 6,09 | 8,56 | 3,01 | | | | | | |
| ✓ CA | mg/dL | 6 | 8,6 | 12,3 | 15,5 | 8,3 | | | | | | |
| CL | mmol/L | 81,8 | 89,3 | 105 | 116 | 87,6 | | | | | | |
| ✓ HDL | mg/dL | 20 | 32 | 56 | 71 | 32 | | | | | | |
| ✓ LDL | mg/dL | 48 | 92 | 168 | 238 | 92 | | | | | | |
| ✓ CHOL | mg/dL | 95 | 161 | 263 | 360 | 161 | | | | | | |
| ✓ CK | U/L | 125 | 193 | 771 | 378 | 192 | | | | | | |
| ✓ CREA | mg/dL | 4,09 | 6,9 | 2,02 | 1,13 | 6,87 | | | | | | |
| ✓ eGFR | mL/min/1.73m ² | 10 | 7,9 | 34,4 | 109,4 | 7,9 | | | | | | |
| GGT | U/L | 80 | 150 | - | - | 145 | | | | | | |
| ✓ GLUC | mg/dL | 149 | 112 | 65 | 26 | 114 | | | | | | |
| ✓ IRON | µg/dL | 59 | 96 | 166 | 218 | 99 | | | | | | |
| ✓ MG | mg/dL | 4,33 | 3,41 | 2,27 | 1,35 | 3,37 | | | | | | |
| K | mmol/L | 6,44 | 5,04 | 3,24 | 1,65 | 5,16 | | | | | | |
| ✓ TP | g/dL | 3,8 | 4,6 | 6,4 | 7,5 | 4,8 | | | | | | |
| NA | mmol/L | 117 | 125 | 143 | 157 | 125 | | | | | | |
| ✓ TRIG | mg/dL | 51 | 95 | 164 | 220 | 99 | | | | | | |
| ✓ U-NIT | mg/dL | 100,23 | 71,86 | 36,07* | 7,14 | 71,63 | | | | | | |
| ✓ URIC | mg/dL | 10,3 | 8 | 5,3 | 2,9 | 8,1 | | | | | | |

Instrument: Siemens Atellica IM Analyzer

| | | | | | | | | | | | | |
|--------|-------|------|-------|-------|-------|-------|--|--|--|--|--|--|
| ✓ CORT | µg/dL | 6,04 | 14,93 | 29,43 | 36,47 | 15,01 | | | | | | |
| ✓ FT3 | pg/mL | 2,75 | 4,04 | 5,94 | 7,16 | 4,2 | | | | | | |

Legend: ✓ No Warnings 1 Late Results 2,0 ≤ |Z-score| < 3,0 |Z-score| ≥ 3,0 - No Result

* Amended Result (per participant's request)



Lab 242687

LABORATOARELE BIOCLINICA-VACARESTI
CALEA V?C?RE?TI, NR. 300, BL. 1B, SECTOR
BUCURE?TI
ROMANIA

**Data on File Report
Clinical Chemistry (Monthly) Program**

Cycle 21

Jul 2022 – Jul 2023

Sample No: 5

Sample Date: 28 Nov 22

Lot No: 212000



| Analyte Unit | Sample Numbers | | | | | | | | | | | |
|--------------|----------------|---|---|---|---|---|---|---|---|----|----|----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |

Instrument: Siemens Atellica IM Analyzer

| | | | | | | | | | | | | |
|-------|--------|-------|-------|--------|--------|-------|--|--|--|--|--|--|
| ✓ TT3 | ng/mL | 0,83 | 1,51 | 2,1 | 2,31 | 1,47 | | | | | | |
| ✓ FT4 | ng/dL | 0,98 | 1,4 | 1,87 | 2,19 | 1,28* | | | | | | |
| ✓ TT4 | µg/dL | 5 | 7,27 | 10,68 | 12,85 | 7,32 | | | | | | |
| ✓ TSH | µIU/mL | 0,986 | 6,317 | 14,615 | 21,455 | 6,506 | | | | | | |

Legend: ✓ No Warnings ⓘ Late Results $2,0 \leq |Z\text{-score}| < 3,0$ $|Z\text{-score}| \geq 3,0$ - No Result

* Amended Result (per participant's request)



Lab 242687

LABORATOARELE BIOCLINICA-VACARESTI
CALEA V?C?RE?TI, NR. 300, BL. 1B, SECTOR
BUCURE?TI
ROMANIA

Sample Comments
Clinical Chemistry (Monthly) Program

Cycle 21

Jul 2022 – Jul 2023
Sample No: 5
Sample Date: 28 Nov 22
Lot No: 212000



Sample History

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

Age: 60

Gender: Male

Race: White