



برگه ارزیابی خارجی کیفیت بیوشیمی



11016-945

تاریخ: 1400/5/25

نام آزمایشگاه: پاتوبیولوژی نور

دوره: عمومی 1-1400

شماره نمونه: 2.740.001110

دانشگاه: علوم پزشکی ایران

استان: تهران

گزارش ارزیابی کیفیت بیوشیمی

| نام تست | واحد | نتیجه | میانگین گروه | CV | SDI |
|------------------|-------|-------|--------------|-------|-------|
| Glucose | mg/dL | 284 | 280.03 | 1.79 | 0.18 |
| Urea | mg/dL | 118 | 122.35 | 3.98 | -0.62 |
| Uric acid | mg/dL | 8.7 | 9.25 | 3.12 | -0.77 |
| Creatinine | mg/dL | 4.21 | 4.31 | 3.76 | -0.26 |
| Total Bilirubin | mg/dL | 4.81 | 4.82 | 5.12 | -0.01 |
| Direct Bilirubin | mg/dL | 1.72 | 1.74 | 7.43 | -0.06 |
| Cholestrol | mg/dL | 262 | 264.93 | 2.38 | -0.15 |
| Triglycerides | mg/dL | 257 | 247.05 | 2.59 | 0.53 |
| HDL | mg/dL | 130 | 119.19 | 4.02 | 0.76 |
| LDL | mg/dL | 150 | 147.92 | 3.33 | 0.09 |
| Albumin | g/dL | 3.0 | 3.22 | 4.46 | -0.92 |
| Protein | g/dL | 4.70 | 4.74 | 3.71 | -0.22 |
| ALP | IU/L | 520 | 460.72 | 13.57 | 0.83 |
| AST | IU/L | 148 | 142.13 | 3.35 | 0.33 |
| ALT | IU/L | 147 | 140.81 | 4.3 | 0.26 |
| CPK | IU/L | 510 | 451.14 | 6.07 | 0.71 |
| LDH | IU/L | 715 | 371.49 | 2.99 | 0.07 |
| Amylase | IU/L | 269 | 274.02 | 4.05 | -0.16 |
| Lipase | IU/L | 60 | 57.19 | 27.8 | 0.27 |
| GGT | IU/L | 172 | 170.68 | 7.39 | 0.05 |
| Calcium | mg/dL | 12.2 | 12.55 | 1.55 | -0.7 |
| phosphorus | mg/dL | 7.01 | 6.78 | 2.47 | 0.43 |
| Iron | µg/dL | 238 | 233.7 | 2.57 | 0.12 |
| TIBC | µg/dL | 230 | 277.05 | 12.38 | -1.13 |
| Transferrin | mg/dL | 171 | 179.99 | 17.01 | -0.33 |
| sodium | meq/l | 152.9 | 155.65 | 2.06 | -0.35 |
| potassium | meq/l | 6.10 | 5.91 | 4.52 | 1.12 |
| Lithium | meq/l | 1.55 | 1.94 | 13.5 | -1.86 |
| T4 | µg/dL | 20.10 | 16.47 | 6.72 | 1.47 |
| TSH | µU/mL | 1.18 | 1.09 | 11.1 | 0.56 |
| Total PSA | ng/mL | 29.56 | 30.21 | 10.3 | -0.22 |
| Ferritin | ng/mL | 36.00 | 30.42 | 9.09 | 1.22 |

| $SDI \leq 0.99$ | $1 < SDI \leq 1.99$ | $2 < SDI \leq 2.99$ | $SDI \geq 3$ |
|-----------------|---------------------|---------------------|---------------|
| عالی | قابل قبول | هشدار | غیر قابل قبول |



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دانشگاه: علوم پزشکی ایران

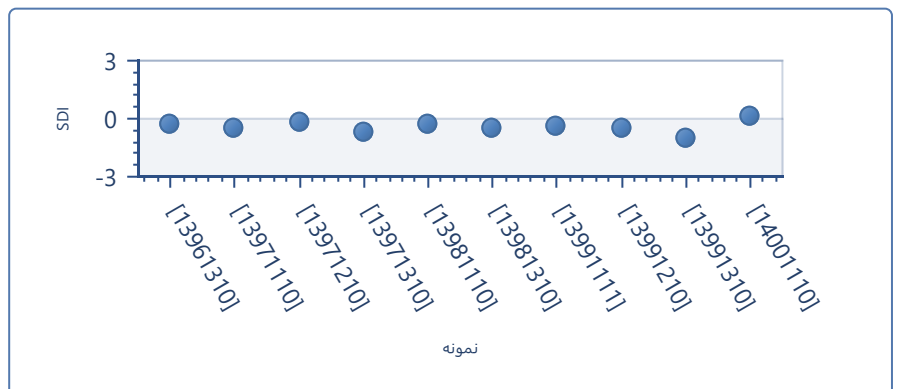
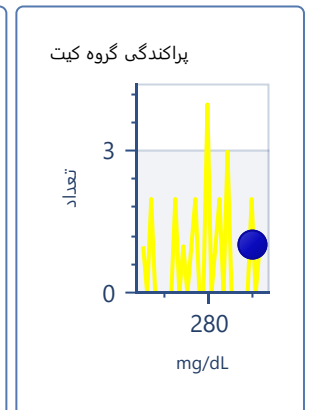
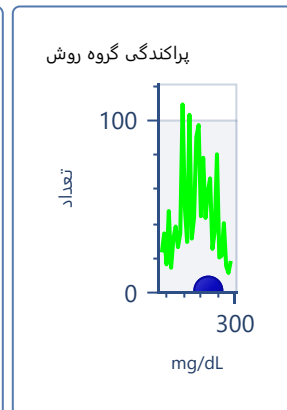
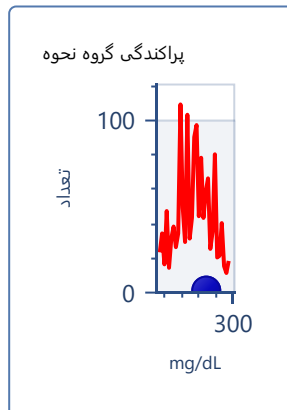
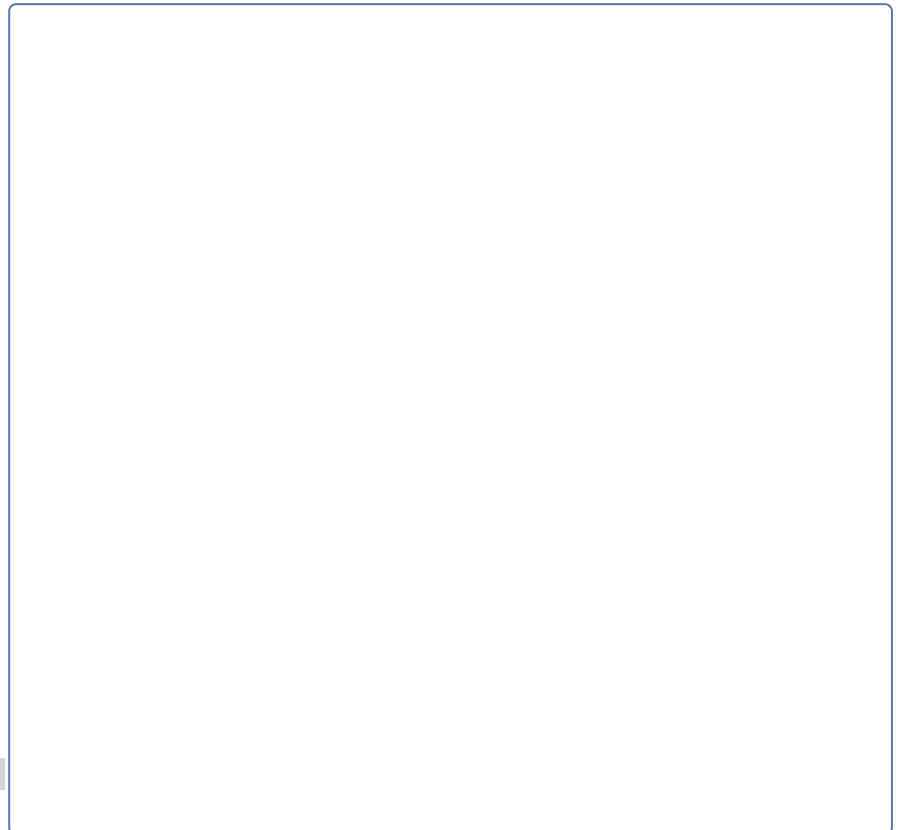
استان: تهران

Test : Glucose Unit: mg/dL

Your Result: 284

SDI: 0.18 %DEV: 1.4

| Method | No | Target | CV |
|-----------------------|-----------|---------------|-------------|
| Automation | 1714 | 277.40 | 5.04 |
| *0 | 1714 | 277.40 | 5.04 |
| Bionik | 145 | 281.55 | 4.88 |
| Paad co | 128 | 277.29 | 4.58 |
| Darman Kav | 73 | 273.85 | 6.18 |
| Dialab | 53 | 272.28 | 6.48 |
| Bilimsel | 17 | 281.75 | 3.43 |
| Others | 9 | 280.09 | 8.03 |
| Audit | 187 | 283.30 | 4.76 |
| N.A | 8 | 273.74 | 6.23 |
| STARLAB | 15 | 274.60 | 3.60 |
| Bayerpaul | 66 | 274.91 | 5.43 |
| Man | 104 | 277.58 | 5.94 |
| Biorex | 307 | 274.11 | 5.54 |
| Deltapharm | 13 | 277.15 | 4.20 |
| Ziest gostaran koosha | 6 | 272.50 | 2.34 |
| BIOMED (Atieh Analy.) | 17 | 280.78 | 6.45 |
| Saran Tashkhis | 38 | 276.42 | 2.56 |
| Biosystem | 35 | 283.40 | 4.10 |
| Roche | 31 | 280.03 | 1.79 |
| RITON | 10 | 280.90 | 3.23 |
| Pars Azmun | 425 | 275.64 | 4.95 |
| Manual | 21 | 269.12 | 5.41 |
| *0 | 21 | 269.12 | 5.41 |
| Pars Azmun | 6 | 270.00 | 4.48 |





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دانشگاه: علوم پزشکی ایران

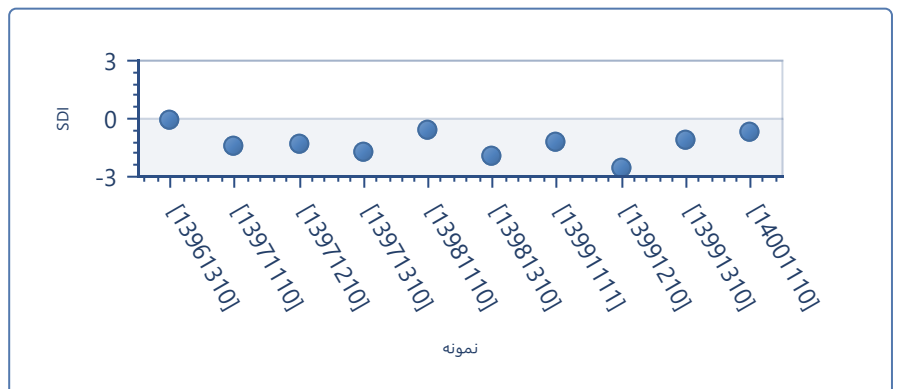
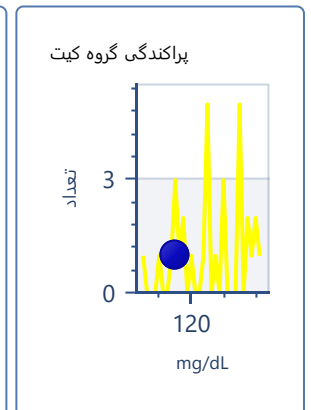
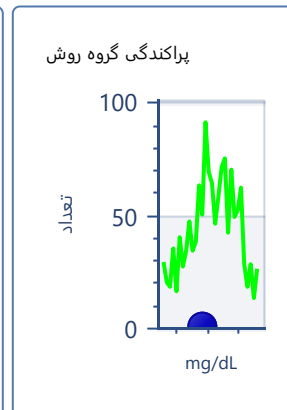
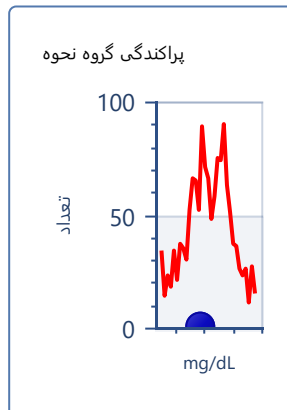
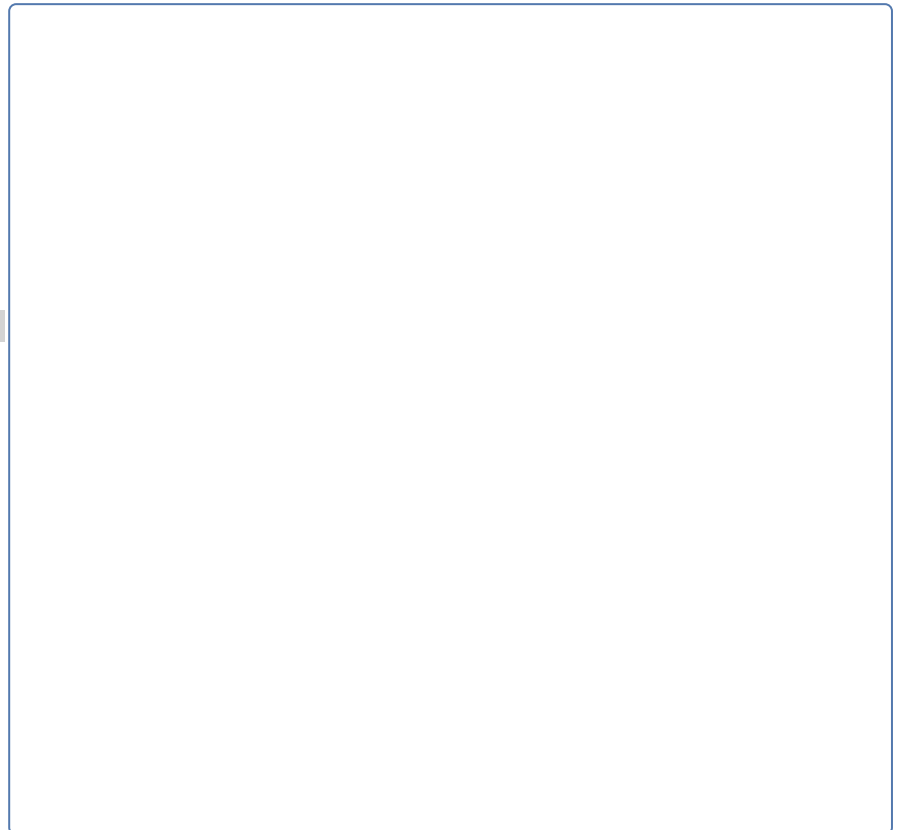
استان: تهران

Test : Urea Unit: mg/dL

Your Result: 118

SDI: -0.62 %DEV: -3.6

| Method | No | Target | CV |
|-----------------------|------|--------|-------|
| Automation | 1706 | 121.17 | 9.36 |
| *Bertholet | 16 | 118.78 | 7.66 |
| Biorex | 7 | 116.65 | 8.61 |
| *Urease | 1685 | 121.26 | 9.21 |
| Pars Azmun | 347 | 124.75 | 8.31 |
| Roche | 32 | 122.35 | 3.98 |
| Biorex | 305 | 119.21 | 8.98 |
| Bionik | 152 | 125.17 | 7.33 |
| Man | 115 | 118.93 | 9.28 |
| Dialab | 56 | 117.93 | 9.56 |
| Ziest Chem | 18 | 119.35 | 11.57 |
| RITON | 14 | 121.82 | 7.29 |
| Others | 7 | 121.81 | 7.18 |
| Deltapharm | 19 | 120.21 | 8.57 |
| BIOMED (Atieh Analy.) | 20 | 123.72 | 6.67 |
| Darman Kav | 79 | 105.82 | 20.55 |
| Biosystem | 25 | 111.83 | 6.64 |
| Saran Tashkhis | 22 | 118.94 | 5.77 |
| Paad co | 135 | 122.80 | 10.12 |
| Bilimsel | 16 | 123.52 | 7.72 |
| Ziest gostaran koosha | 7 | 116.90 | 7.50 |
| Audit | 229 | 123.12 | 8.21 |
| Bayerpaul | 61 | 112.96 | 14.67 |
| Manual | 23 | 118.73 | 7.59 |
| *Urease | 15 | 117.83 | 5.02 |
| Darman Kav | 8 | 118.11 | 4.30 |
| *Bertholet | 8 | 123.21 | 13.97 |





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دانشگاه : علوم پزشکی ایران

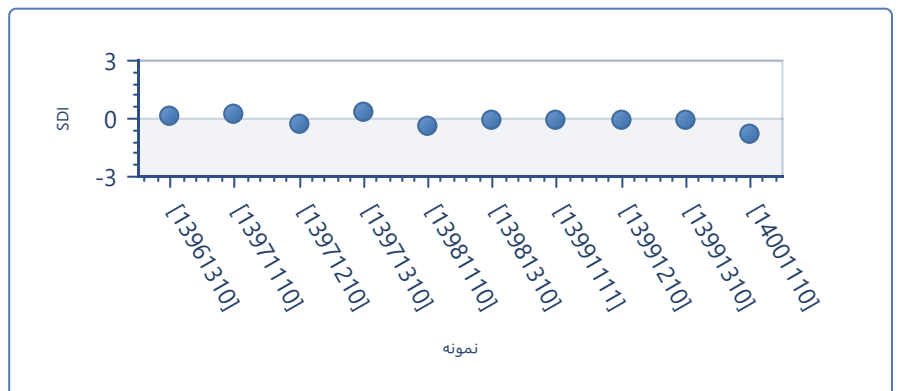
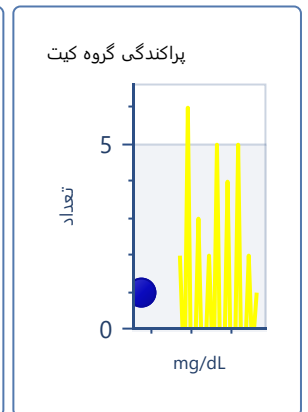
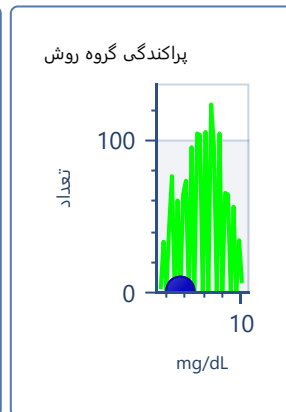
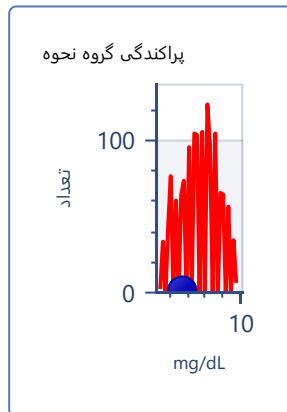
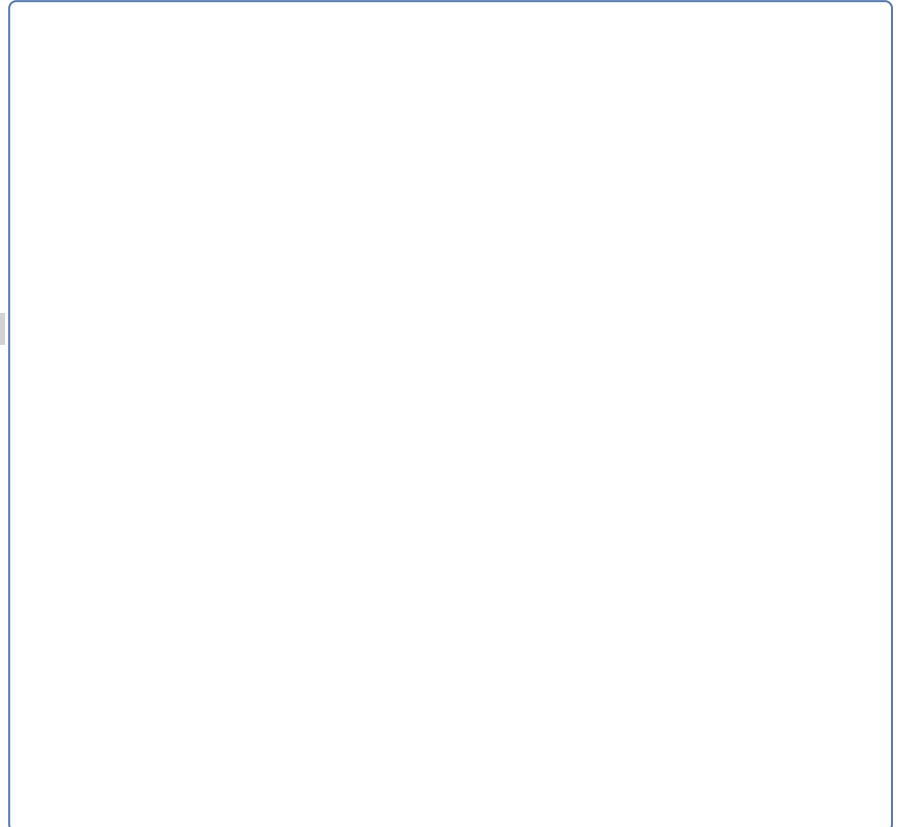
استان : تهران

Test : Uric acid Unit: mg/dL

Your Result: 8.7

SDI: -0.77 %DEV: -5.9

| Method | No | Target | CV |
|-----------------------|------|--------|-------|
| Manual | 19 | 8.76 | 10.83 |
| *0 | 19 | 8.76 | 10.83 |
| Automation | 1694 | 9.10 | 6.96 |
| *0 | 1694 | 9.10 | 6.96 |
| RITON | 14 | 9.07 | 7.27 |
| Roche | 33 | 9.25 | 3.12 |
| Biorex | 298 | 8.99 | 6.59 |
| Audit | 202 | 9.34 | 6.60 |
| STARLAB | 12 | 8.87 | 8.82 |
| Deltapharm | 10 | 9.12 | 5.09 |
| Bayerpaul | 86 | 8.83 | 8.65 |
| Others | 9 | 9.00 | 7.80 |
| Bilimsel | 17 | 9.00 | 5.27 |
| Bionik | 161 | 9.27 | 5.22 |
| BIOMED (Atieh Analy.) | 15 | 8.78 | 5.26 |
| Saran Tashkhis | 52 | 9.04 | 9.55 |
| Darman Kav | 49 | 9.14 | 9.42 |
| Pars Azmun | 348 | 9.07 | 6.59 |
| N.A | 11 | 8.13 | 13.57 |
| Dialab | 59 | 8.52 | 11.07 |
| Man | 125 | 9.35 | 7.21 |
| Biosystem | 35 | 9.40 | 4.90 |
| Paad co | 138 | 9.02 | 8.53 |





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دانشگاه : علوم پزشکی ایران

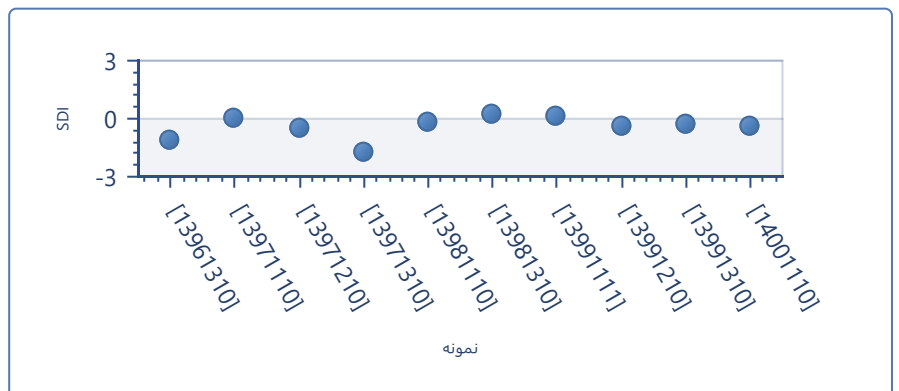
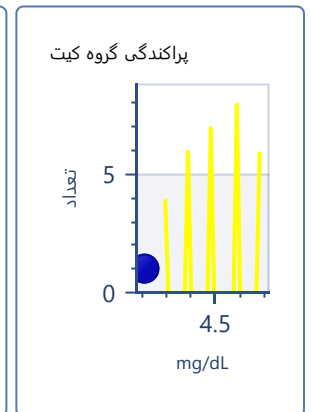
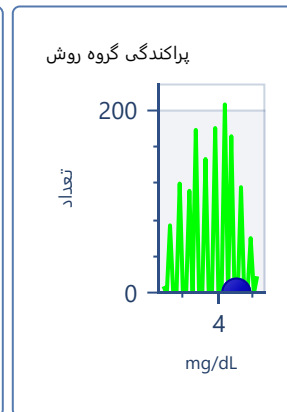
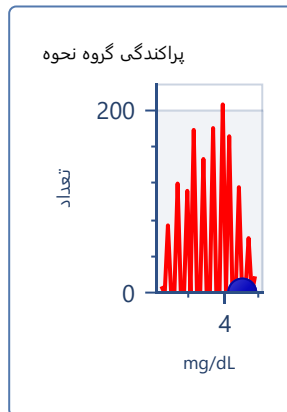
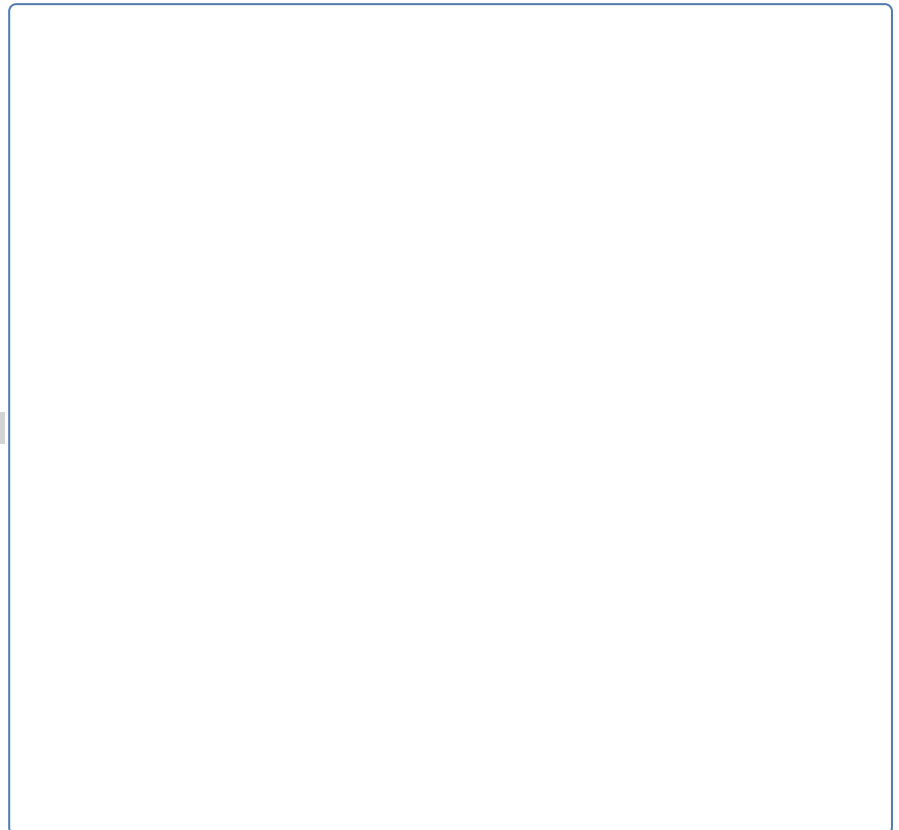
استان : تهران

Test : Creatinine Unit: mg/dL

Your Result: 4.21

SDI: -0.26 %DEV: -2.3

| Method | No | Target | CV |
|-----------------------|------|--------|-------|
| Manual | 22 | 3.76 | 9.00 |
| *0 | 22 | 3.76 | 9.00 |
| Pars Azmun | 12 | 3.81 | 7.86 |
| Automation | 1710 | 3.84 | 9.46 |
| *0 | 1710 | 3.84 | 9.46 |
| Saran Tashkhis | 22 | 3.88 | 7.53 |
| Pars Azmun | 649 | 3.83 | 9.78 |
| Bionik | 130 | 3.87 | 8.20 |
| Roche | 35 | 4.31 | 3.76 |
| Darman Kav | 65 | 3.74 | 9.10 |
| BIOMED (Atieh Analy.) | 11 | 3.79 | 7.78 |
| Biosystem | 30 | 3.78 | 6.74 |
| Paad co | 124 | 3.85 | 8.95 |
| RITON | 9 | 4.00 | 8.14 |
| Dialab | 41 | 3.99 | 12.05 |
| Biorex | 222 | 3.75 | 9.15 |
| Audit | 152 | 3.93 | 9.31 |
| STARLAB | 8 | 3.68 | 7.92 |
| Others | 11 | 3.56 | 2.44 |
| Man | 89 | 3.84 | 9.02 |
| Deltapharm | 11 | 3.84 | 3.61 |
| Bayerpaul | 45 | 3.82 | 8.96 |
| N.A | 11 | 3.75 | 7.33 |
| Bilimsel | 17 | 3.80 | 8.74 |





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دانشگاه : علوم پزشکی ایران

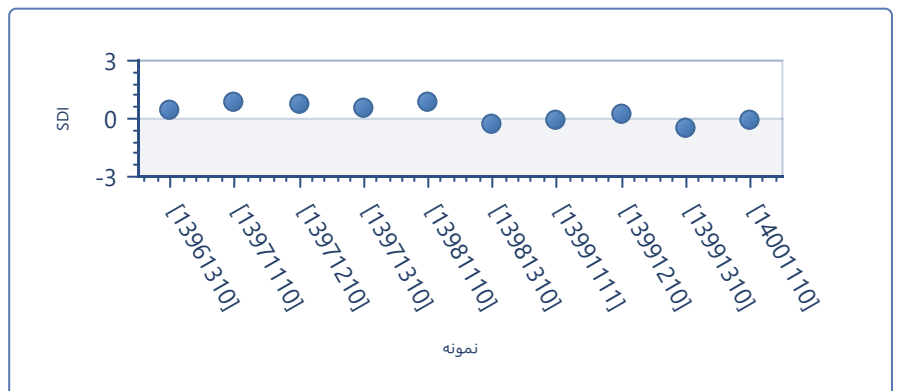
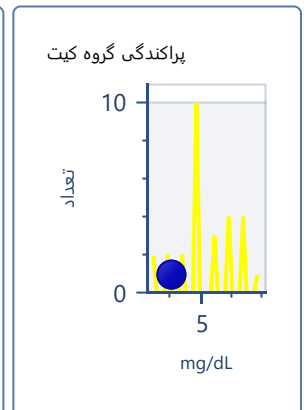
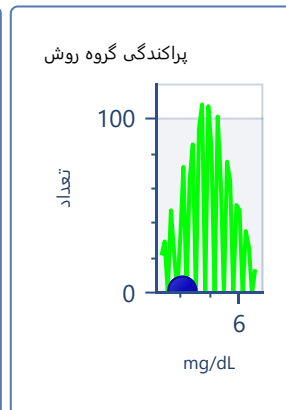
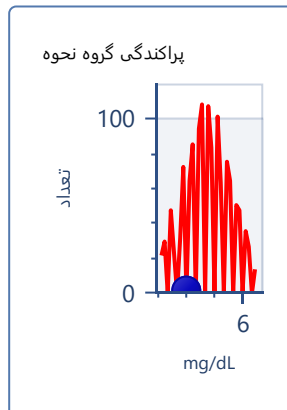
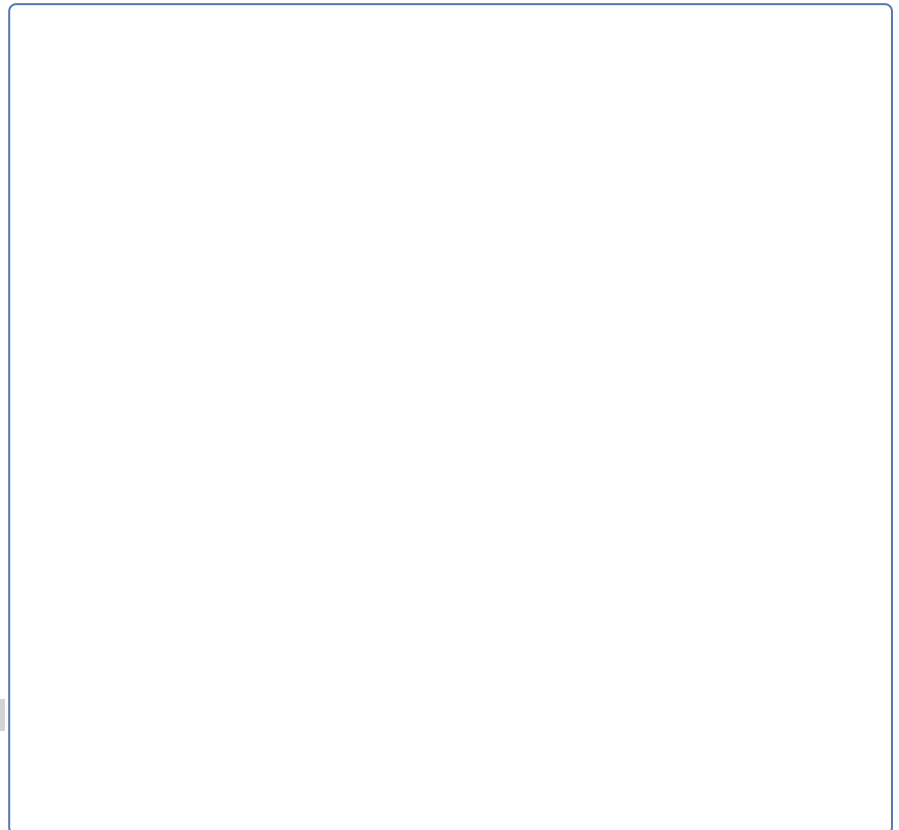
استان : تهران

Test : Total Bilirubin Unit: mg/dL

Your Result: 4.81

SDI: -0.01 %DEV: -0.2

| Method | No | Target | CV |
|-----------------------|-----------|-------------|-------------|
| Manual | 97 | 5.21 | 14.61 |
| *0 | 97 | 5.21 | 14.61 |
| Darman Kav | 56 | 5.06 | 13.35 |
| N.A | 20 | 5.40 | 9.10 |
| Automation | 1582 | 5.27 | 13.44 |
| *0 | 1582 | 5.27 | 13.44 |
| Paad co | 73 | 5.36 | 14.29 |
| Darman Kav | 77 | 5.08 | 12.27 |
| Deltapharm | 10 | 5.19 | 5.08 |
| N.A | 17 | 5.48 | 13.83 |
| BIOMED (Atieh Analy.) | 16 | 6.10 | 9.73 |
| Bayerpaul | 46 | 5.21 | 9.73 |
| Biorex | 193 | 5.60 | 14.05 |
| RITON | 8 | 5.15 | 7.43 |
| Others | 10 | 5.30 | 23.45 |
| Saran Tashkhis | 9 | 5.67 | 15.48 |
| STARLAB | 8 | 5.52 | 20.67 |
| Roche | 32 | 4.82 | 5.12 |
| Audit | 172 | 5.23 | 10.76 |
| Pars Azmun | 648 | 5.16 | 14.43 |
| Dialab | 45 | 5.48 | 18.35 |
| Man | 40 | 5.43 | 12.19 |
| Bilimsel | 17 | 5.52 | 3.56 |
| Bionik | 120 | 5.40 | 10.48 |
| Biosystem | 23 | 5.28 | 7.38 |





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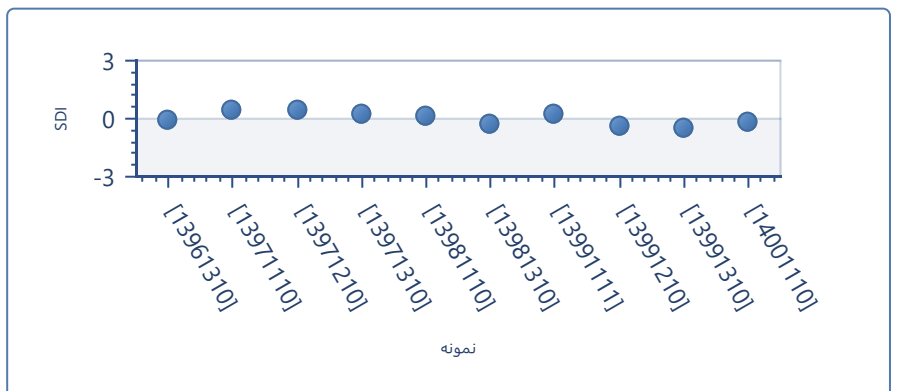
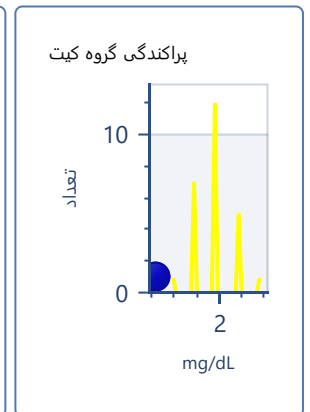
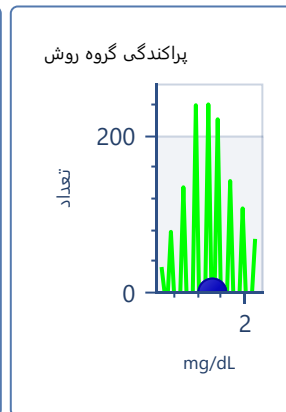
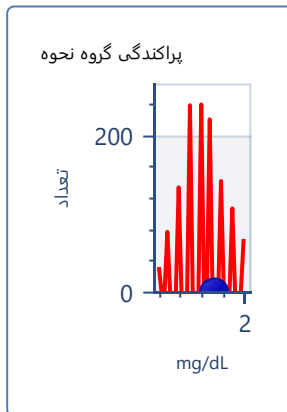
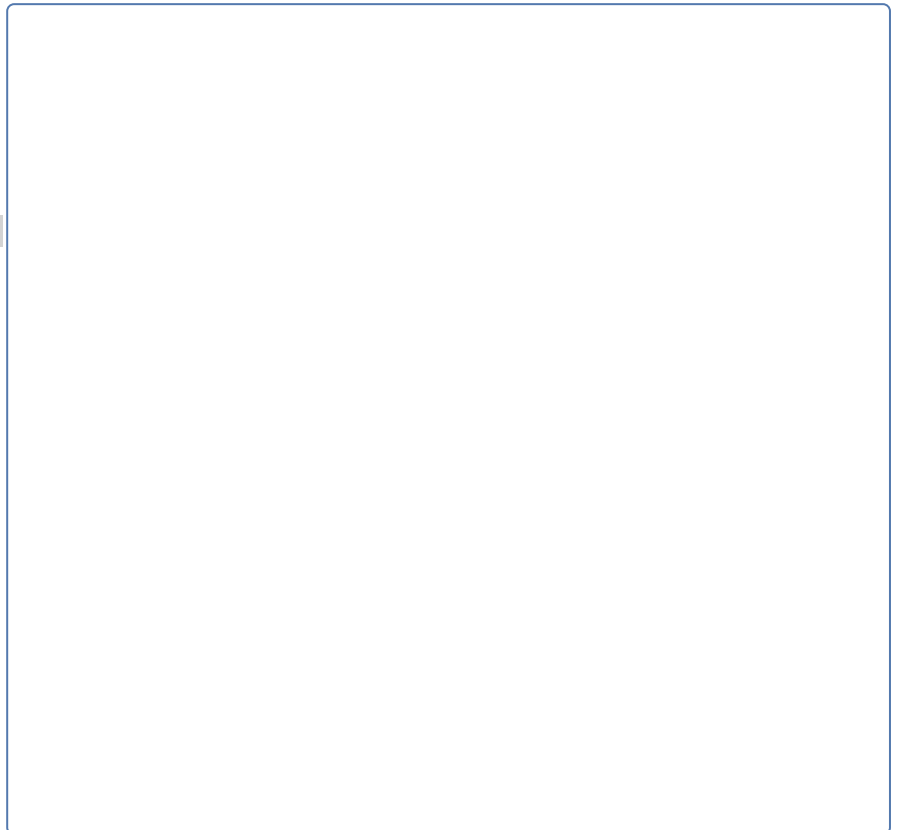
استان: تهران

Test : Direct Bilirubin Unit: mg/dL

Your Result: 1.72

SDI: -0.06 %DEV: -1.1

| Method | No | Target | CV |
|-----------------------|------|--------|-------|
| Automation | 1579 | 1.64 | 17.43 |
| *0 | 1579 | 1.64 | 17.43 |
| Roche | 36 | 1.74 | 7.43 |
| Bayerpaul | 63 | 1.57 | 17.78 |
| Biorex | 245 | 1.77 | 22.57 |
| STARLAB | 6 | 1.72 | 39.41 |
| Pars Azmun | 432 | 1.58 | 13.18 |
| N.A | 18 | 1.56 | 22.58 |
| Others | 13 | 1.55 | 13.71 |
| RITON | 15 | 1.57 | 16.56 |
| Darman Kav | 93 | 1.62 | 23.65 |
| Bionik | 136 | 1.61 | 16.08 |
| Biosystem | 24 | 1.65 | 12.26 |
| Bilimsel | 17 | 1.65 | 4.70 |
| BIOMED (Atieh Analy.) | 17 | 1.65 | 12.69 |
| Audit | 180 | 1.64 | 9.83 |
| Dialab | 52 | 1.65 | 17.47 |
| Paad co | 115 | 1.66 | 17.94 |
| Saran Tashkhis | 20 | 1.75 | 20.34 |
| Man | 66 | 1.82 | 23.33 |
| Deltapharm | 11 | 1.79 | 13.83 |
| Manual | 82 | 1.55 | 25.44 |
| *0 | 82 | 1.55 | 25.44 |
| N.A | 6 | 1.70 | 23.84 |
| Darman Kav | 60 | 1.56 | 28.98 |





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دانشگاه: علوم پزشکی ایران

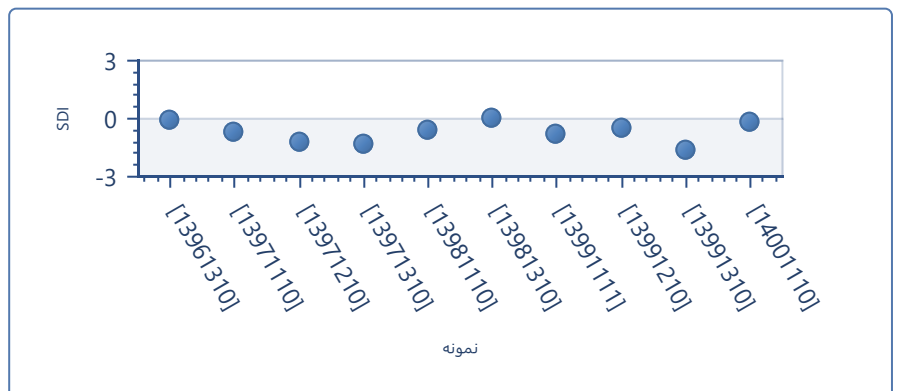
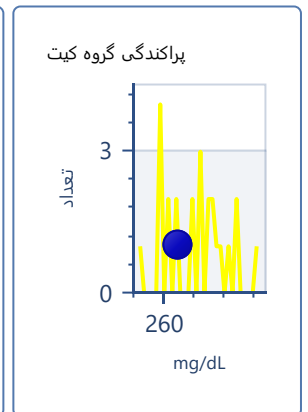
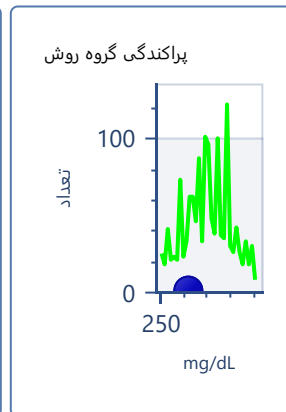
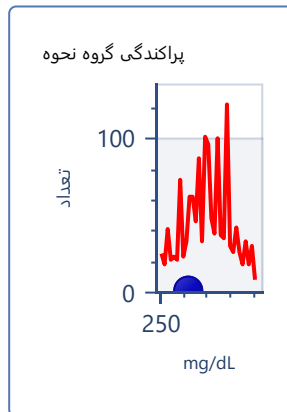
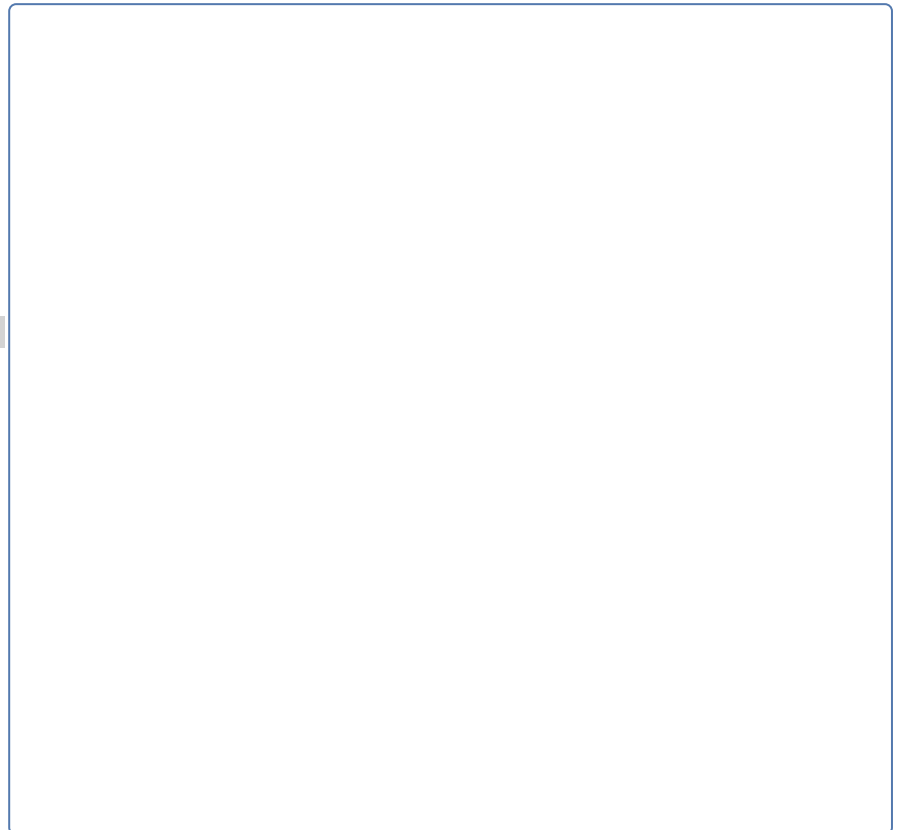
استان: تهران

Test :Cholestrol Unit: mg/dL

Your Result: 262

SDI: -0.15 %DEV: -1.1

| Method | No | Target | CV |
|-----------------------|------|--------|------|
| Manual | 18 | 271.07 | 3.69 |
| *0 | 18 | 271.07 | 3.69 |
| Pars Azmun | 8 | 276.13 | 2.05 |
| Automation | 1713 | 270.94 | 5.10 |
| *0 | 1713 | 270.94 | 5.10 |
| Roche | 31 | 264.93 | 2.38 |
| Saran Tashkhis | 51 | 271.33 | 3.80 |
| Bayerpaul | 83 | 270.44 | 6.01 |
| Dialab | 39 | 276.37 | 6.52 |
| Others | 10 | 272.40 | 3.05 |
| Bilimsel | 17 | 274.35 | 3.78 |
| STARLAB | 15 | 263.78 | 5.09 |
| Biorex | 316 | 272.10 | 5.14 |
| Persian Tajhiz System | 8 | 261.56 | 3.48 |
| Deltapharm | 14 | 268.07 | 3.06 |
| Darman Kav | 71 | 269.38 | 5.48 |
| Audit | 181 | 268.32 | 5.37 |
| Bionik | 157 | 275.61 | 4.53 |
| Man | 96 | 270.17 | 4.59 |
| N.A | 12 | 264.07 | 6.94 |
| Pars Azmun | 408 | 271.01 | 4.62 |
| BIOMED (Atieh Analy.) | 17 | 272.13 | 4.81 |
| RITON | 10 | 264.35 | 2.76 |
| Biosystem | 33 | 279.48 | 4.42 |
| Paad co | 122 | 267.57 | 6.03 |





برگه ارزیابی خارجی کیفیت بیوشیمی



تاریخ : 1400/5/25 11016-945

نام آزمایشگاه : پاتوبیولوژی نور

دوره : عمومی 1-1400

شماره نمونه : 2.740 001110

دانشگاه : علوم پزشکی ایران

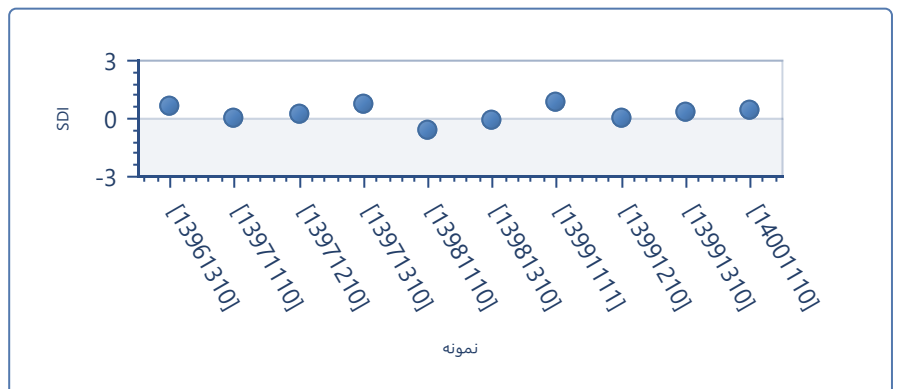
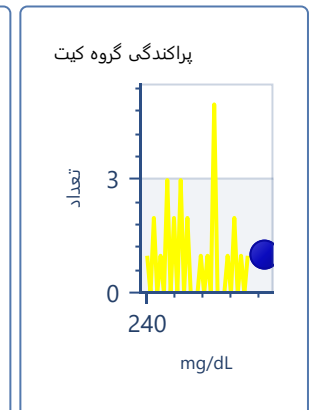
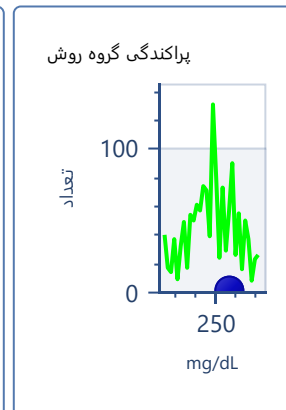
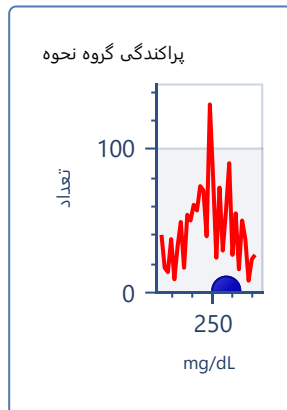
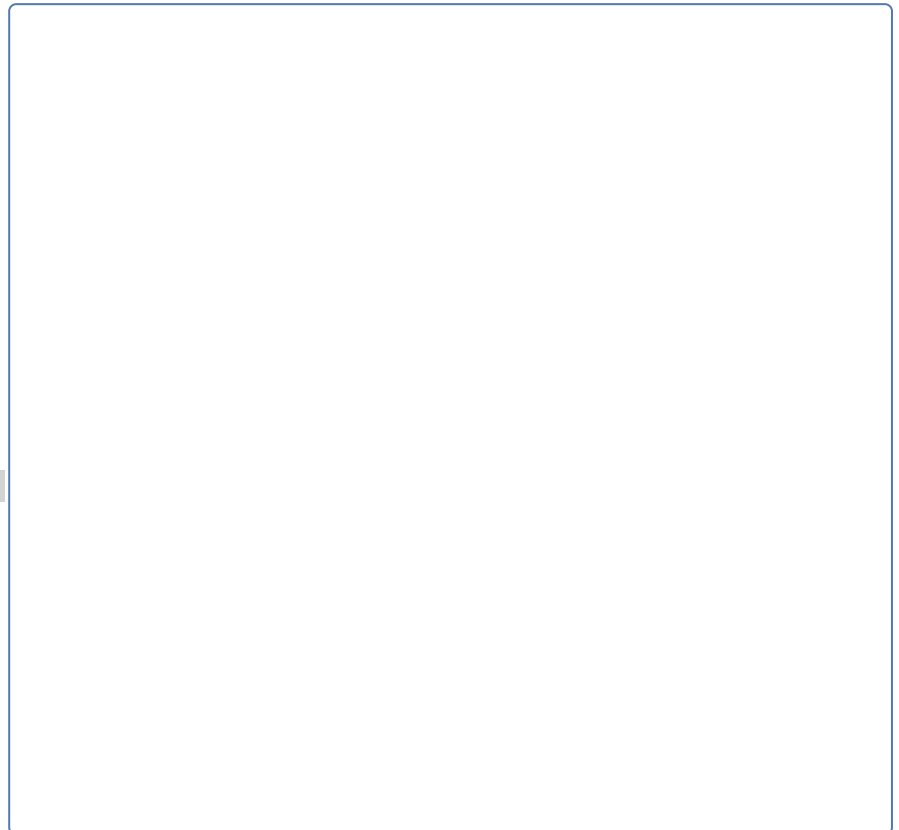
استان : تهران

Test : Triglycerides Unit: mg/dL

Your Result: 257

SDI: 0.53 %DEV: 4.0

| Method | No | Target | CV |
|-----------------------|-----------|---------------|-------------|
| Automation | 1707 | 248.86 | 6.82 |
| *0 | 1707 | 248.86 | 6.82 |
| Deltapharm | 16 | 245.84 | 6.50 |
| BIOMED (Atieh Analy.) | 18 | 253.78 | 5.58 |
| STARLAB | 14 | 254.15 | 9.22 |
| Biorex | 296 | 246.42 | 6.83 |
| Biosystem | 33 | 245.61 | 7.40 |
| Saran Tashkhis | 24 | 240.29 | 7.11 |
| Paad co | 142 | 251.21 | 7.43 |
| Pars Azmun | 404 | 248.68 | 6.13 |
| Roche | 33 | 247.05 | 2.59 |
| Others | 12 | 236.75 | 8.97 |
| Bionik | 155 | 249.74 | 7.02 |
| N.A | 11 | 247.96 | 5.24 |
| Bilimsel | 17 | 252.45 | 4.81 |
| RITON | 11 | 261.55 | 7.20 |
| Bayerpaul | 91 | 250.00 | 7.54 |
| Darman Kav | 66 | 252.10 | 8.77 |
| Dialab | 39 | 235.99 | 9.05 |
| Audit | 212 | 254.98 | 4.94 |
| Ziest gostaran koosha | 6 | 249.05 | 18.46 |
| Man | 83 | 240.30 | 7.72 |
| Manual | 18 | 242.83 | 6.09 |
| *0 | 18 | 242.83 | 6.09 |
| Pars Azmun | 7 | 249.98 | 4.20 |





برگه ارزیابی خارجی کیفیت بیوشیمی



تاریخ : 1400/5/25 11016-945

نام آزمایشگاه : پاتوبیولوژی نور

دوره : عمومی 1-1400

شماره نمونه : 2.740 001110

دانشگاه : علوم پزشکی ایران

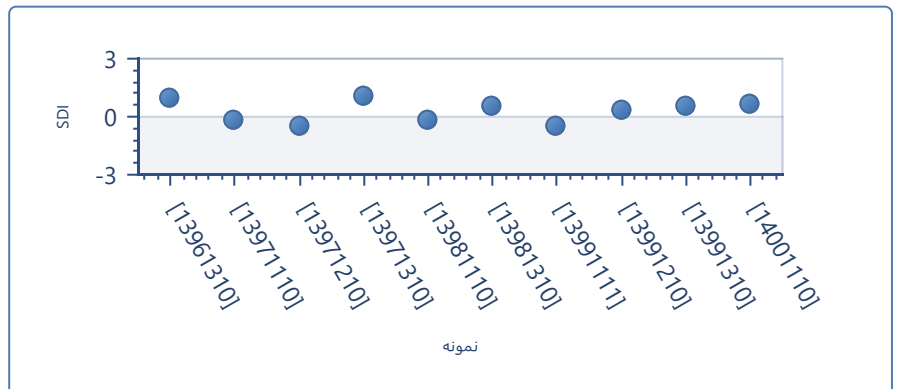
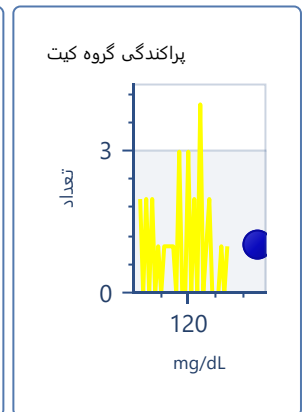
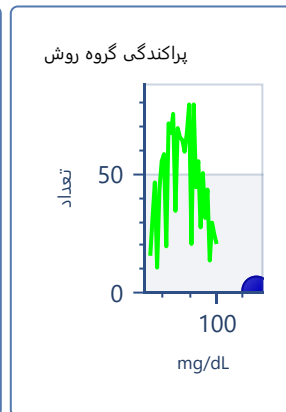
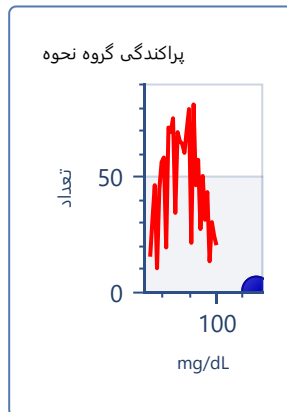
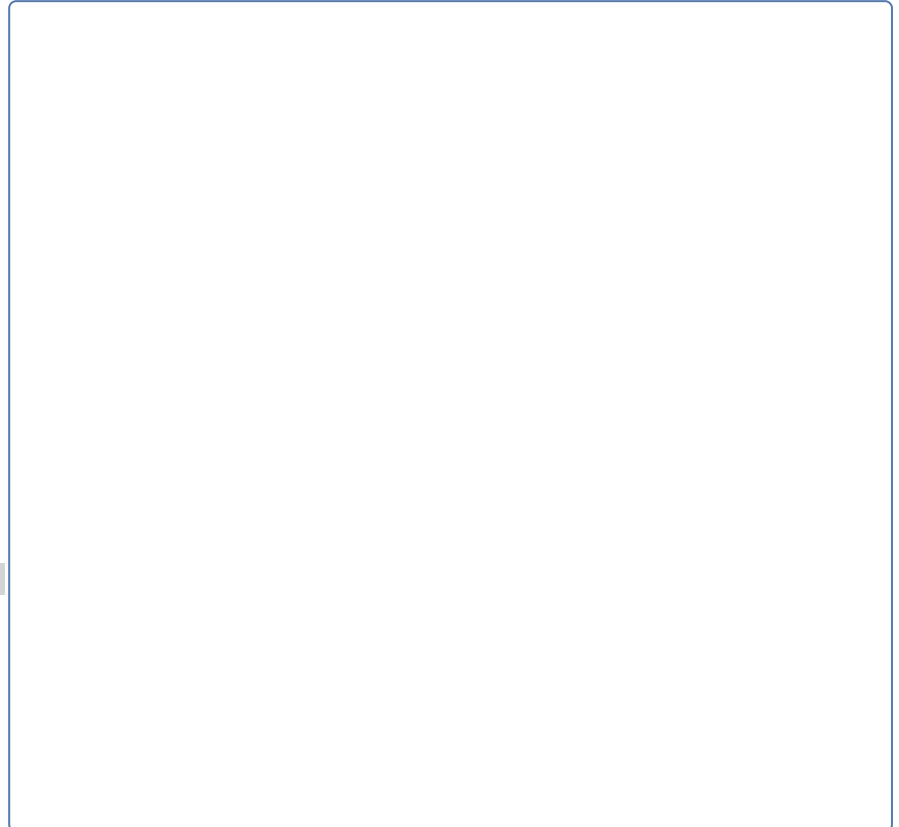
استان : تهران

Test : HDL Unit: mg/dL

Your Result: 130

SDI: 0.76 %DEV: 9.1

| Method | No | Target | CV |
|-----------------------|------|--------|-------|
| Automation | 1634 | 77.13 | 22.74 |
| *رسوبی | 21 | 85.53 | 15.83 |
| Pars Azmun | 7 | 86.89 | 9.12 |
| *مستقیم | 1612 | 77.04 | 22.75 |
| Man | 68 | 85.95 | 12.90 |
| Saran Tashkhis | 59 | 69.50 | 21.74 |
| Pishtaz Teb | 201 | 90.01 | 20.11 |
| Bayerpaul | 15 | 70.57 | 15.74 |
| Biorex | 266 | 66.64 | 23.07 |
| Dialab | 40 | 80.69 | 14.41 |
| Lab Test | 7 | 90.43 | 34.89 |
| N.A | 11 | 72.19 | 27.25 |
| Others | 12 | 71.30 | 22.47 |
| Roche | 32 | 119.19 | 4.02 |
| Paad co | 103 | 82.54 | 20.68 |
| Deltapharm | 27 | 76.74 | 19.90 |
| Bilimsel | 17 | 79.24 | 8.13 |
| BIOMED (Atieh Analy.) | 28 | 75.22 | 17.09 |
| Biosystem | 28 | 85.00 | 17.51 |
| Bionik | 175 | 70.08 | 18.43 |
| Darman Kav | 55 | 74.69 | 21.02 |
| Ziest Chem | 8 | 65.74 | 10.84 |
| Pars Azmun | 124 | 79.38 | 19.52 |
| RITON | 11 | 88.09 | 10.37 |
| Audit | 275 | 75.77 | 17.05 |
| Persian Tajhiz System | 19 | 75.22 | 24.54 |
| Manual | 24 | 66.20 | 31.94 |
| *مستقیم | 14 | 58.33 | 32.59 |
| *رسوبی | 10 | 75.21 | 19.58 |





تاریخ : 1400/5/25 11016-945

نام آزمایشگاه : پاتوبیولوژی نور

دوره : عمومی 1-1400

شماره نمونه : 2.740 001110

دانشگاه : علوم پزشکی ایران

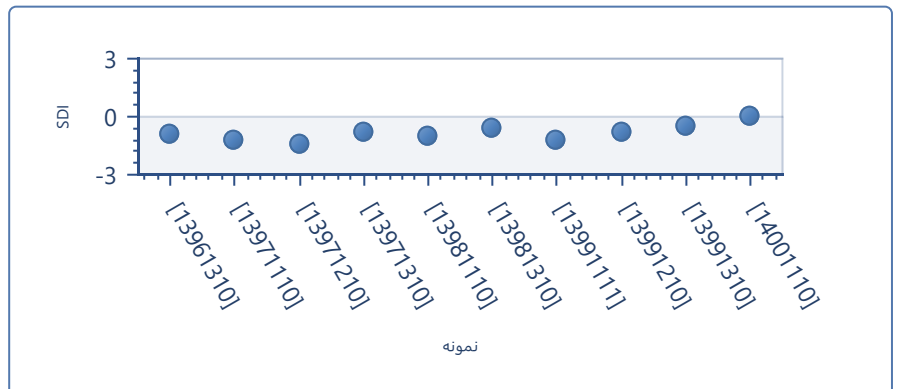
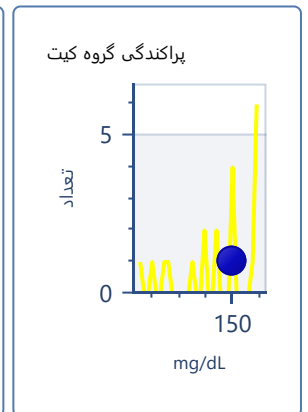
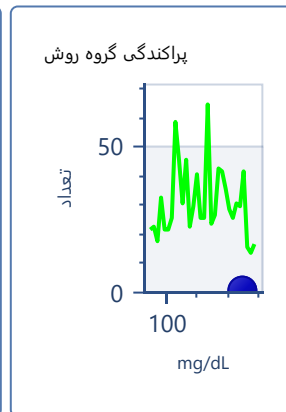
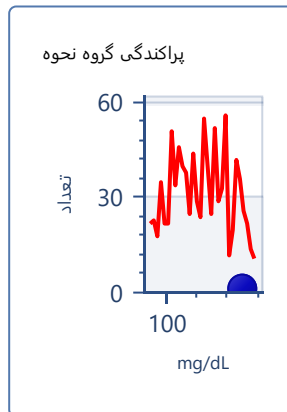
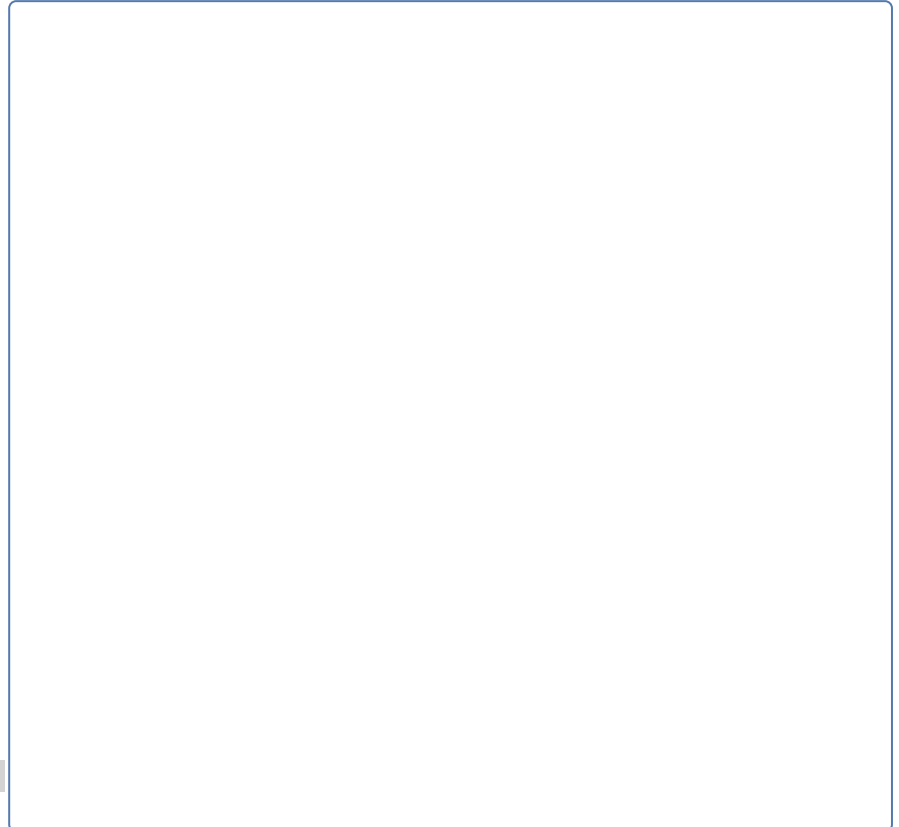
استان : تهران

Test : LDL Unit: mg/dL

Your Result: 150

SDI: 0.09 %DEV: 1.4

| Method | No | Target | CV |
|-----------------------|------|--------|-------|
| Manual | 16 | 143.27 | 15.04 |
| *مستقیم | 11 | 140.93 | 14.41 |
| Automation | 1061 | 125.61 | 18.77 |
| *مستقیم | 1047 | 125.49 | 18.74 |
| Dialab | 23 | 138.66 | 18.18 |
| BIOMED (Atieh Analy.) | 21 | 131.10 | 12.74 |
| RITON | 12 | 125.86 | 9.15 |
| Audit | 171 | 137.68 | 11.29 |
| Pishtaz Teb | 159 | 110.95 | 16.61 |
| Biosystem | 21 | 110.71 | 10.54 |
| Deltapharm | 15 | 141.07 | 13.21 |
| Man | 45 | 111.58 | 18.49 |
| Others | 9 | 120.00 | 19.31 |
| Saran Tashkhis | 31 | 112.57 | 7.86 |
| Bayerpaul | 6 | 139.95 | 18.38 |
| Pars Azmun | 91 | 124.21 | 20.85 |
| Darman Kav | 21 | 133.21 | 19.83 |
| Persian Tajhiz System | 16 | 123.13 | 13.08 |
| Paad co | 83 | 124.35 | 20.64 |
| Roche | 29 | 147.92 | 3.33 |
| Bionik | 107 | 126.31 | 16.37 |
| Bilimsel | 17 | 149.14 | 5.85 |
| Biorex | 141 | 120.02 | 16.79 |
| *N.A | 14 | 135.99 | 21.08 |
| N.A | 11 | 139.09 | 23.10 |
| 0 | 231 | 142.55 | 15.73 |
| *محاسبه | 231 | 142.55 | 15.73 |
| 0 | 231 | 142.55 | 15.73 |





برگه ارزیابی خارجی کیفیت بیوشیمی



تاریخ: 1400/5/25 11016-945

نام آزمایشگاه: پاتوبیولوژی نور

دوره: عمومی 1-1400

شماره نمونه: 2.740 001110

دانشگاه: علوم پزشکی ایران

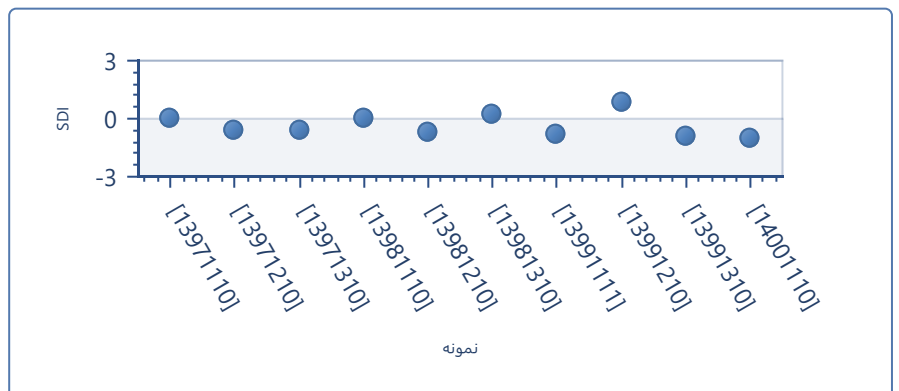
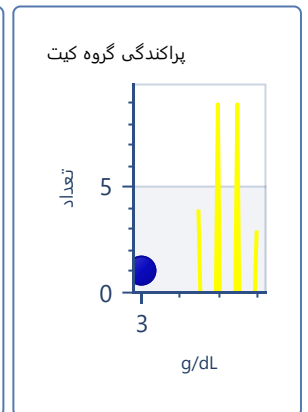
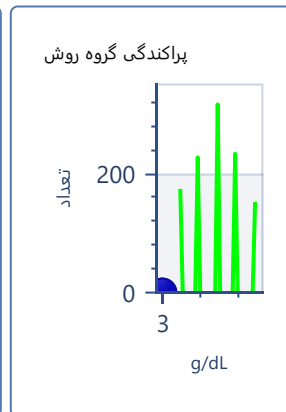
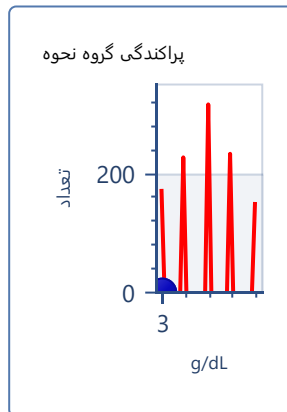
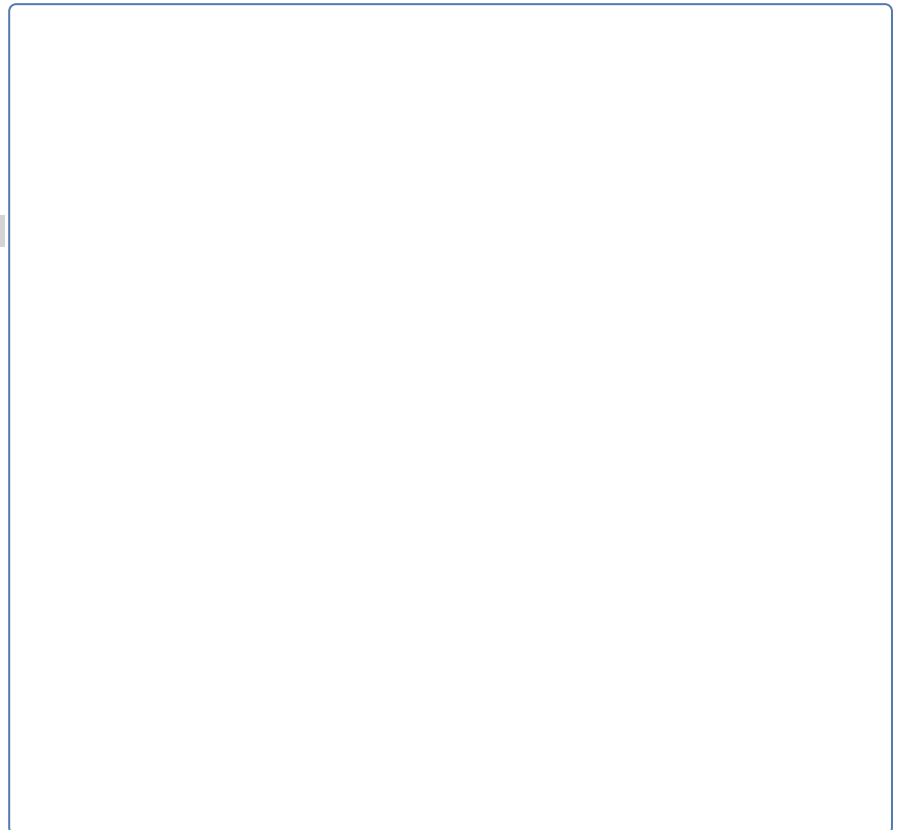
استان: تهران

Test :Albumin Unit: g/dL

Your Result: 3.0

SDI: -0.92 %DEV: -6.8

| Method | No | Target | CV |
|-----------------------|------|--------|-------|
| Automation | 1494 | 3.22 | 5.73 |
| *0 | 1494 | 3.22 | 5.73 |
| Roche | 32 | 3.22 | 4.46 |
| STARLAB | 10 | 3.22 | 6.71 |
| Bayerpaul | 10 | 3.10 | 7.05 |
| Man | 49 | 3.31 | 4.85 |
| Pars Azmun | 775 | 3.19 | 5.41 |
| Bilimsel | 16 | 3.21 | 5.82 |
| Paad co | 35 | 3.24 | 7.16 |
| N.A | 11 | 3.26 | 6.25 |
| Ziest Chem | 45 | 3.28 | 5.17 |
| BIOMED (Atieh Analy.) | 7 | 3.23 | 4.56 |
| Biorex | 133 | 3.21 | 5.39 |
| Audit | 173 | 3.19 | 5.29 |
| Darman Kav | 11 | 3.60 | 16.39 |
| Biosystem | 21 | 3.27 | 5.47 |
| Deltapharm | 10 | 3.25 | 10.41 |
| Bionik | 104 | 3.46 | 5.18 |
| Dialab | 25 | 3.24 | 5.27 |
| Manual | 35 | 3.36 | 9.42 |
| *0 | 35 | 3.36 | 9.42 |
| Pars Azmun | 15 | 3.21 | 8.67 |
| Ziest Chem | 15 | 3.48 | 9.95 |





برگه ارزیابی خارجی کیفیت بیوشیمی



تاریخ : 1400/5/25 11016-945

نام آزمایشگاه : پاتوبیولوژی نور

دوره : عمومی 1-1400

شماره نمونه : 2.740 001110

دانشگاه : علوم پزشکی ایران

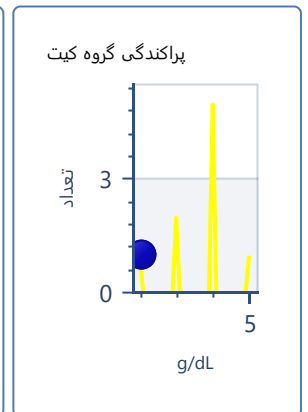
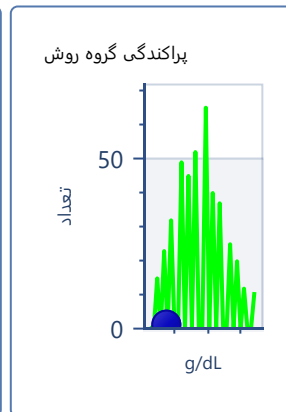
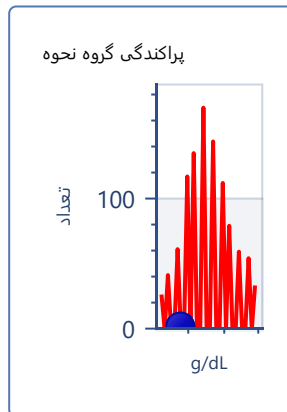
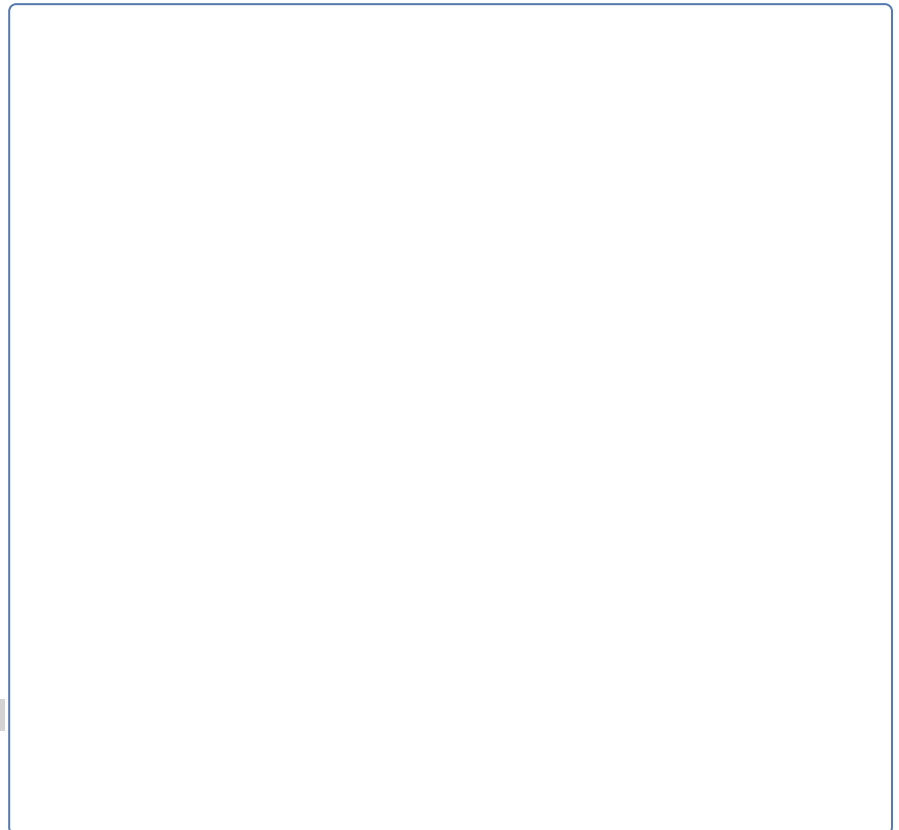
استان : تهران

Test : Protein Unit: g/dL

Your Result: 4.70

SDI: -0.22 %DEV: -0.8

| Method | No | Target | CV |
|------------------------------|------|--------|-------|
| Manual | 60 | 5.45 | 13.89 |
| *Biuret With Blank | 22 | 4.99 | 9.81 |
| Pars Azmun | 7 | 4.90 | 5.40 |
| Ziest Chem | 14 | 4.96 | 9.85 |
| *0 | 11 | 6.00 | 8.48 |
| *Refractometer | 22 | 5.66 | 12.14 |
| 0 | 22 | 5.66 | 12.14 |
| Automation | 1257 | 5.08 | 7.42 |
| *0 | 519 | 5.09 | 8.71 |
| Audit | 48 | 5.09 | 5.74 |
| Dialab | 6 | 5.59 | 11.76 |
| Ziest Chem | 19 | 4.93 | 7.11 |
| Man | 23 | 4.98 | 8.13 |
| Pars Azmun | 247 | 5.13 | 9.07 |
| Biorex | 43 | 4.94 | 5.32 |
| Biosystem | 6 | 5.09 | 3.09 |
| Paad co | 18 | 4.94 | 9.40 |
| Roche | 15 | 4.74 | 3.71 |
| Bilimsel | 7 | 5.23 | 6.16 |
| Bionik | 48 | 5.00 | 5.64 |
| N.A | 7 | 5.39 | 6.29 |
| *Biuret Without Blank | 390 | 5.07 | 6.64 |
| Dialab | 7 | 5.36 | 3.27 |
| Biorex | 49 | 5.01 | 5.55 |
| Pars Azmun | 154 | 5.11 | 8.33 |
| Biosystem | 10 | 5.06 | 6.90 |
| Man | 18 | 5.10 | 5.93 |
| Bionik | 33 | 4.97 | 5.70 |
| Paad co | 12 | 5.07 | 8.90 |
| Audit | 59 | 5.12 | 5.01 |
| Ziest Chem | 15 | 5.23 | 9.55 |
| Roche | 8 | 4.84 | 5.30 |
| *Biuret With Blank | 348 | 5.05 | 6.04 |
| Pars Azmun | 151 | 5.09 | 7.29 |
| Biosystem | 8 | 5.00 | 0.00 |
| Biorex | 28 | 5.02 | 3.39 |
| Bilimsel | 6 | 5.13 | 5.07 |
| Audit | 46 | 5.13 | 6.30 |
| Paad co | 8 | 4.84 | 6.54 |
| Roche | 11 | 4.80 | 5.05 |
| Ziest Chem | 12 | 5.05 | 4.57 |
| Man | 16 | 5.14 | 3.04 |
| Bionik | 33 | 5.01 | 3.46 |





برگه ارزیابی خارجی کیفیت بیوشیمی



تاریخ : 1400/5/25 11016-945

نام آزمایشگاه : پاتوبیولوژی نور

دوره : عمومی 1-1400

شماره نمونه : 2.740 001110

دانشگاه : علوم پزشکی ایران

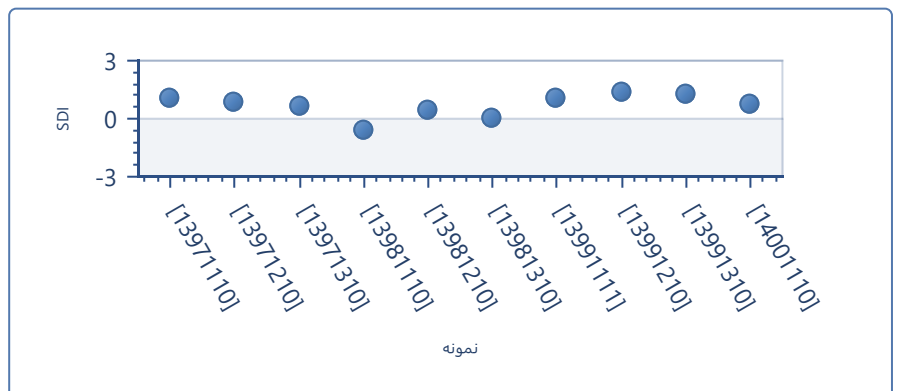
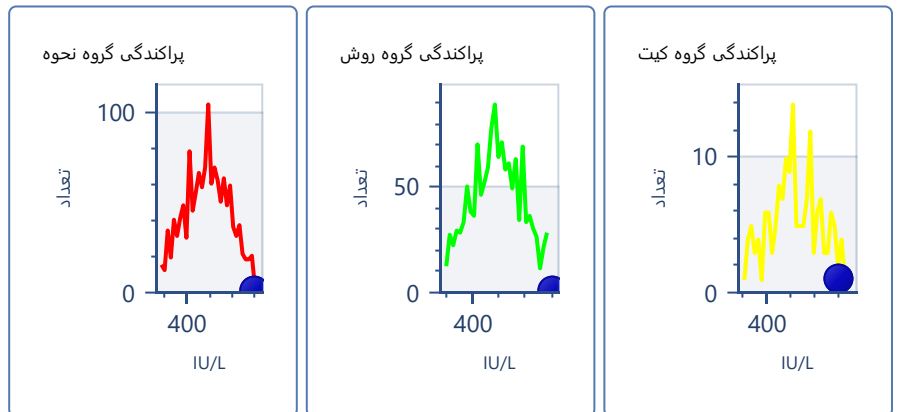
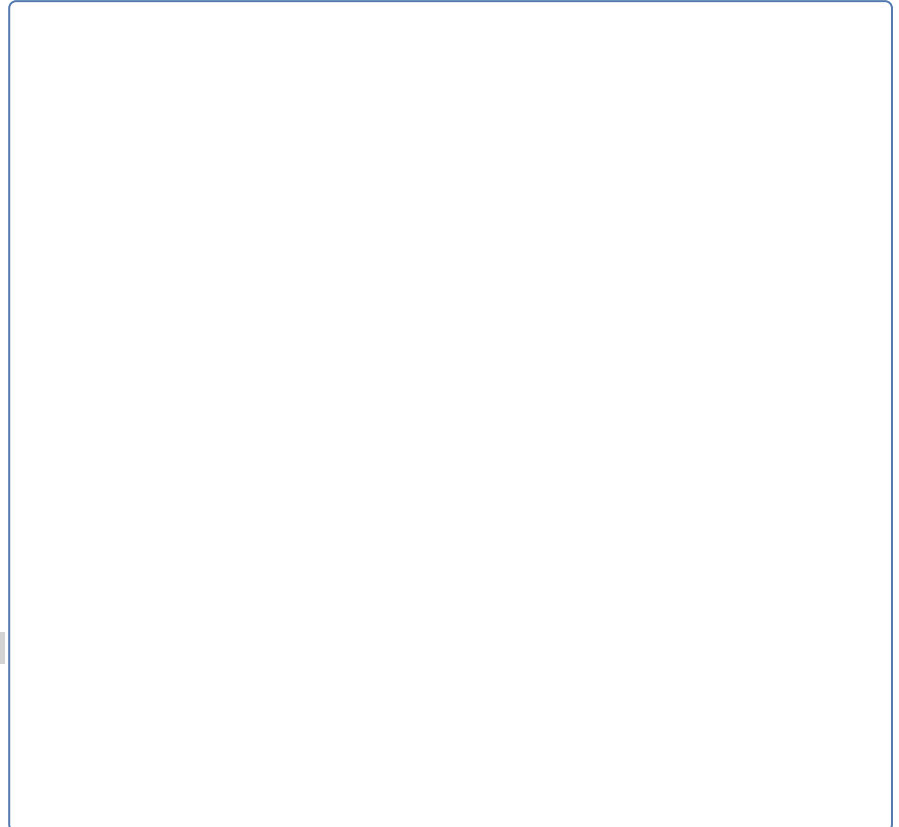
استان : تهران

Test : ALP Unit: IU/L

Your Result: 520

SDI: 0.83 %DEV: 12.9

| Method | No | Target | CV |
|-----------------------|------|--------|-------|
| Manual | 17 | 430.06 | 12.85 |
| *DEA | 17 | 430.06 | 12.85 |
| Automation | 1699 | 440.80 | 12.85 |
| *DEA | 1672 | 442.17 | 12.47 |
| BIOMED (Atieh Analy.) | 17 | 424.06 | 11.80 |
| RITON | 6 | 409.34 | 18.96 |
| Bilimsel | 17 | 426.50 | 4.70 |
| Biosystem | 26 | 438.54 | 10.51 |
| Darman Kav | 68 | 428.69 | 15.44 |
| Others | 8 | 464.66 | 19.92 |
| Saran Tashkhis | 35 | 418.27 | 15.88 |
| N.A | 17 | 451.18 | 20.34 |
| Man | 51 | 433.57 | 11.70 |
| Pars Azmun | 315 | 451.29 | 10.69 |
| Biorex | 343 | 424.64 | 11.21 |
| Paad co | 200 | 460.72 | 13.57 |
| Audit | 234 | 440.84 | 9.58 |
| Bayerpaul | 78 | 440.10 | 13.97 |
| Dialab | 59 | 443.66 | 14.29 |
| Deltapharm | 23 | 456.41 | 12.98 |
| STARLAB | 14 | 439.97 | 20.31 |
| Bionik | 144 | 461.57 | 11.47 |
| *AMP | 27 | 268.19 | 6.03 |
| Roche | 27 | 268.19 | 6.03 |





برگه ارزیابی خارجی کیفیت بیوشیمی



تاریخ : 1400/5/25 11016-945

نام آزمایشگاه : پاتوبیولوژی نور

دوره : عمومی 1-1400

شماره نمونه : 2.740 001110

دانشگاه : علوم پزشکی ایران

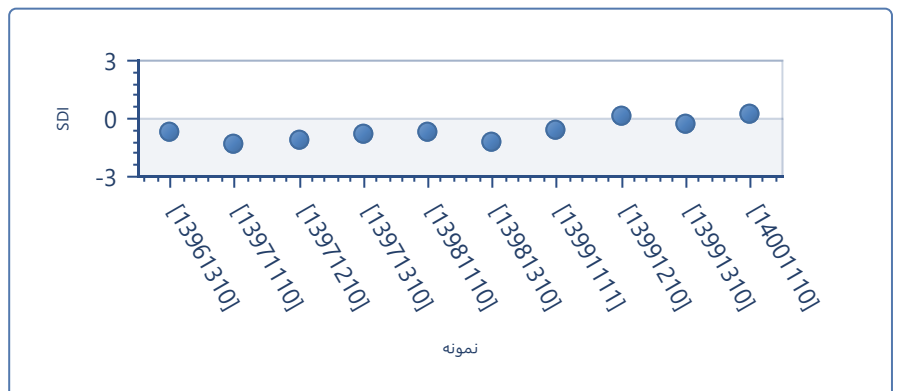
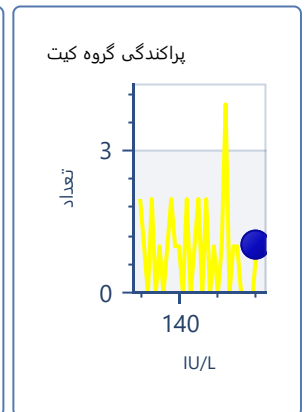
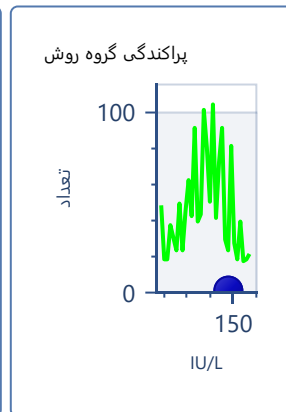
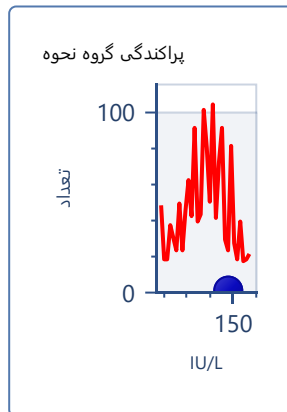
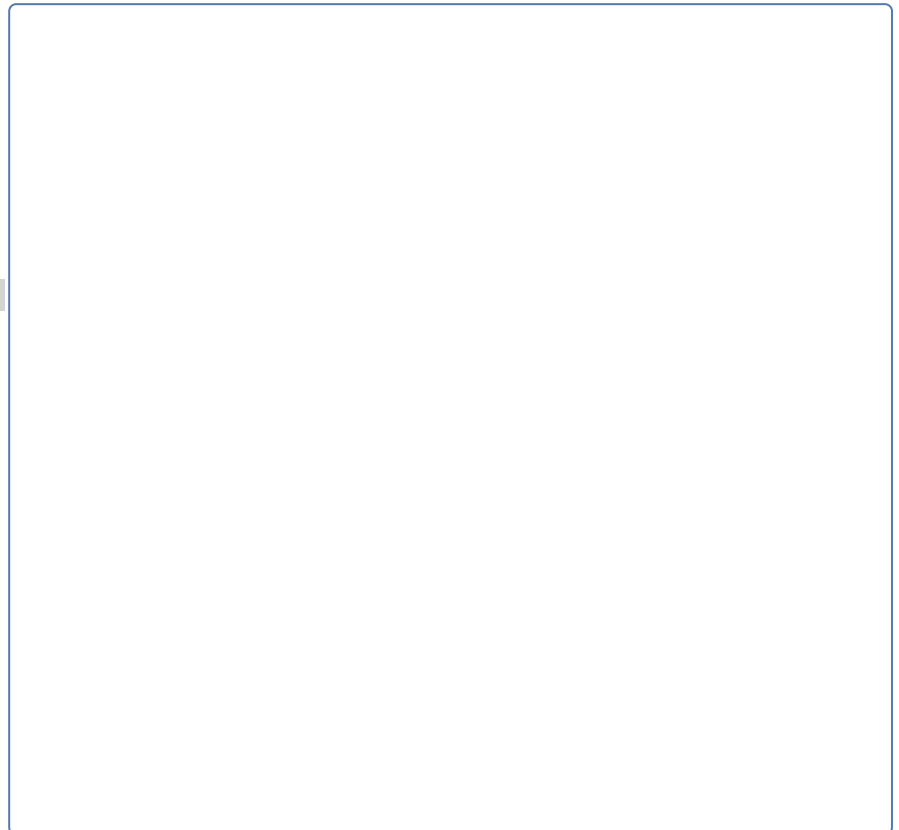
استان : تهران

Test : AST Unit: IU/L

Your Result: 148

SDI: 0.33 %DEV: 4.1

| Method | No | Target | CV |
|-----------------------|------|--------|-------|
| Automation | 1705 | 137.93 | 9.93 |
| *0 | 1705 | 137.93 | 9.93 |
| RITON | 16 | 145.29 | 8.31 |
| STARLAB | 6 | 134.50 | 7.36 |
| Roche | 32 | 142.13 | 3.35 |
| Saran Tashkhis | 23 | 126.77 | 17.23 |
| Others | 12 | 134.83 | 10.09 |
| Darman Kav | 67 | 137.66 | 9.59 |
| Pars Azmun | 334 | 141.80 | 8.67 |
| Audit | 238 | 138.92 | 6.65 |
| Biosystem | 34 | 153.00 | 11.00 |
| Bionik | 142 | 142.84 | 8.16 |
| Bilimsel | 17 | 147.29 | 5.99 |
| N.A | 17 | 136.54 | 20.92 |
| Bayerpaul | 59 | 130.61 | 13.23 |
| Biorex | 375 | 131.03 | 11.96 |
| Man | 40 | 143.06 | 6.58 |
| Paad co | 160 | 138.79 | 9.79 |
| BIOMED (Atieh Analy.) | 19 | 126.03 | 10.91 |
| Dialab | 63 | 135.93 | 9.08 |
| Ziest gostaran koosha | 6 | 135.17 | 3.36 |
| Deltapharm | 22 | 134.20 | 7.00 |
| Manual | 19 | 132.24 | 9.24 |
| *0 | 19 | 132.24 | 9.24 |
| Pars Azmun | 8 | 130.81 | 7.11 |





برگه ارزیابی خارجی کیفیت بیوشیمی



تاریخ : 1400/5/25 11016-945

نام آزمایشگاه : پاتوبیولوژی نور

دوره : عمومی 1-1400

شماره نمونه : 2.740 001110

دانشگاه : علوم پزشکی ایران

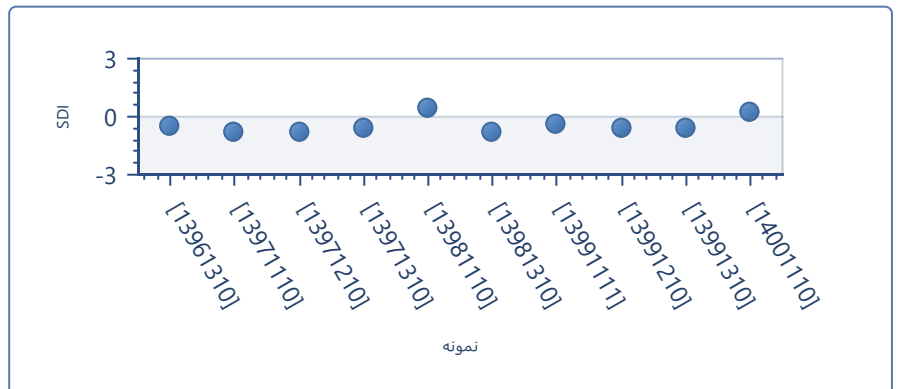
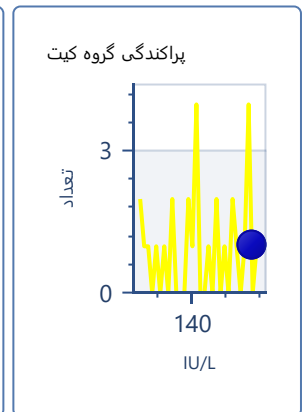
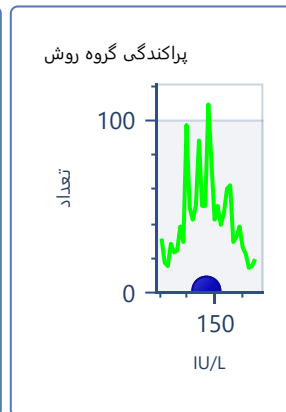
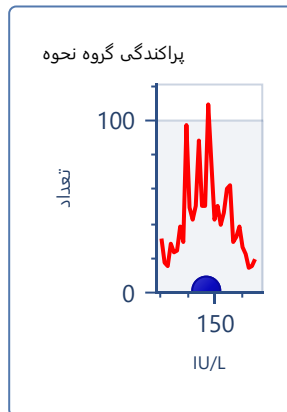
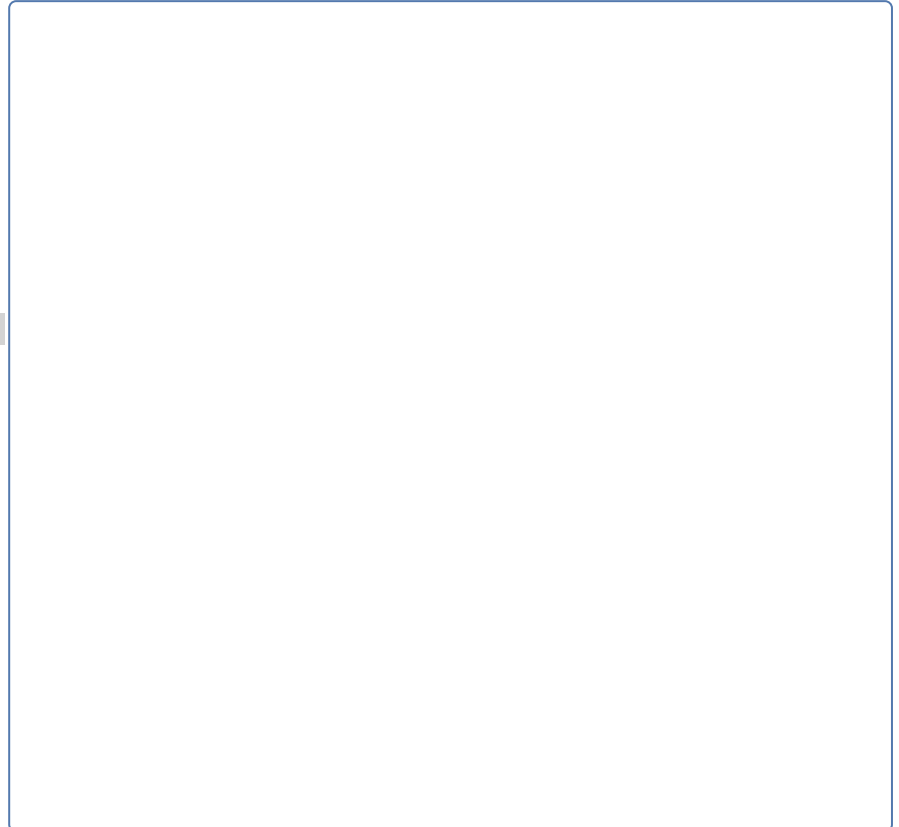
استان : تهران

Test : ALT Unit: IU/L

Your Result: 147

SDI: 0.26 %DEV: 4.4

| Method | No | Target | CV |
|-----------------------|------|--------|-------|
| Manual | 16 | 141.22 | 5.02 |
| *0 | 16 | 141.22 | 5.02 |
| Pars Azmun | 7 | 140.57 | 2.40 |
| Automation | 1707 | 147.63 | 8.46 |
| *0 | 1707 | 147.63 | 8.46 |
| Roche | 32 | 140.81 | 4.30 |
| Darman Kav | 59 | 146.89 | 7.18 |
| Bilimsel | 17 | 154.86 | 4.94 |
| Bionik | 146 | 147.38 | 8.38 |
| STARLAB | 10 | 145.32 | 14.52 |
| Biosystem | 34 | 154.89 | 6.47 |
| Bayerpaul | 59 | 142.78 | 11.52 |
| N.A | 16 | 146.91 | 6.86 |
| Lab Test | 7 | 143.49 | 16.38 |
| Man | 24 | 154.88 | 10.26 |
| Deltapharm | 25 | 149.63 | 9.20 |
| Audit | 256 | 145.92 | 6.42 |
| Paad co | 170 | 145.99 | 9.26 |
| Biorex | 336 | 147.75 | 10.11 |
| Others | 7 | 150.43 | 12.15 |
| BIOMED (Atieh Analy.) | 17 | 156.16 | 6.97 |
| Dialab | 66 | 148.05 | 9.02 |
| RITON | 18 | 150.52 | 6.30 |
| Saran Tashkhis | 15 | 147.59 | 8.90 |
| Pars Azmun | 367 | 148.60 | 8.26 |
| Ziest gostaran koosha | 9 | 149.15 | 14.07 |





تاریخ : 1400/5/25 11016-945

نام آزمایشگاه : پاتوبیولوژی نور

دوره : عمومی 1-1400

شماره نمونه : 2.740 001110

دانشگاه : علوم پزشکی ایران

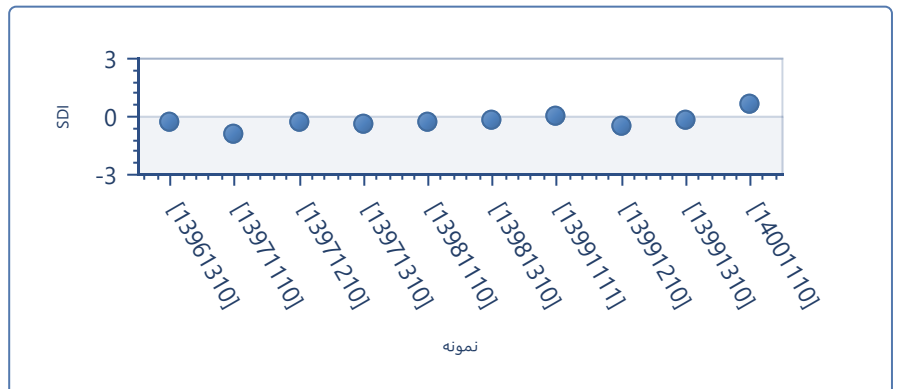
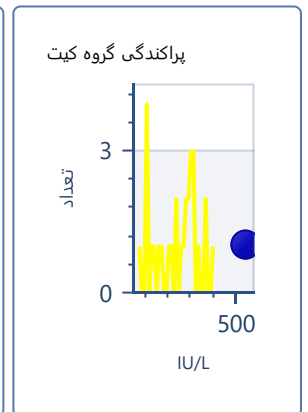
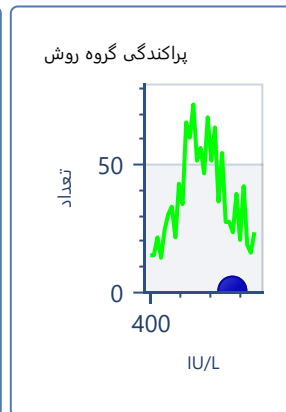
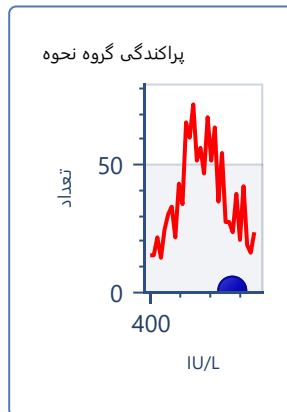
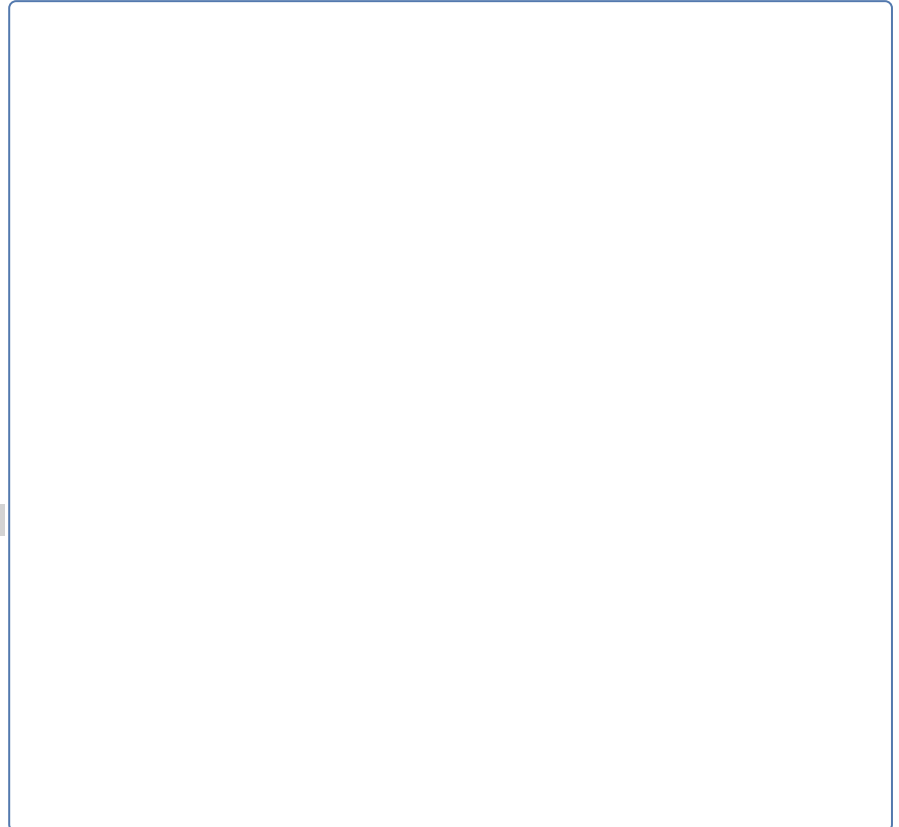
استان : تهران

Test : CPK Unit: IU/L

Your Result: 510

SDI: 0.71 %DEV: 13.0

| Method | No | Target | CV |
|-----------------------|------|--------|-------|
| Manual | 13 | 376.39 | 34.99 |
| *0 | 13 | 376.39 | 34.99 |
| Automation | 1431 | 473.39 | 10.91 |
| *0 | 1431 | 473.39 | 10.91 |
| Lab Test | 6 | 449.43 | 8.15 |
| Paad co | 145 | 478.27 | 11.02 |
| STARLAB | 7 | 472.43 | 11.31 |
| Man | 86 | 491.20 | 9.43 |
| Bayerpaul | 10 | 453.20 | 15.48 |
| Pars Azmun | 225 | 476.75 | 9.70 |
| Saran Tashkhis | 25 | 468.64 | 7.50 |
| Roche | 35 | 451.14 | 6.07 |
| Biorex | 287 | 460.36 | 9.49 |
| Dialab | 41 | 501.91 | 14.25 |
| Bionik | 126 | 495.04 | 14.87 |
| Audit | 244 | 470.98 | 8.48 |
| BIOMED (Atieh Analy.) | 13 | 417.31 | 17.46 |
| Biosystem | 24 | 551.08 | 12.09 |
| Darman Kav | 81 | 449.18 | 15.85 |
| Bilimsel | 16 | 514.06 | 4.64 |
| N.A | 9 | 499.16 | 10.48 |
| Deltapharm | 23 | 438.74 | 14.45 |
| RITON | 6 | 506.88 | 7.08 |





برگه ارزیابی خارجی کیفیت بیوشیمی



تاریخ : 1400/5/25 11016-945

نام آزمایشگاه : پاتوبیولوژی نور

دوره : عمومی 1-1400

شماره نمونه : 2.740 001110

دانشگاه : علوم پزشکی ایران

استان : تهران

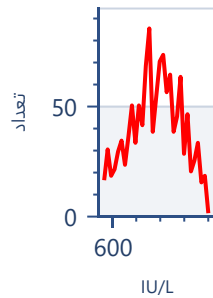
Test : LDH Unit: IU/L

Your Result: 715

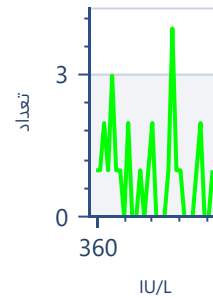
Out Of Range

| Method | No | Target | CV |
|-----------------------|------|--------|-------|
| Manual | 16 | 651.67 | 10.46 |
| *P--L | 16 | 651.67 | 10.46 |
| Pars Azmun | 8 | 679.11 | 12.29 |
| Automation | 1572 | 674.75 | 9.18 |
| *P--L | 1541 | 676.69 | 9.02 |
| N.A | 14 | 651.57 | 15.11 |
| Biorex | 139 | 661.55 | 9.12 |
| Pars Azmun | 732 | 668.86 | 8.51 |
| Bionik | 115 | 709.02 | 7.21 |
| Bayerpaul | 37 | 644.94 | 12.77 |
| Biosystem | 33 | 716.72 | 11.55 |
| Dialab | 45 | 677.72 | 9.90 |
| Bilimsel | 17 | 718.83 | 5.25 |
| Audit | 206 | 691.53 | 6.66 |
| Others | 7 | 669.37 | 11.20 |
| Deltapharm | 18 | 643.40 | 13.35 |
| Man | 42 | 672.35 | 11.22 |
| Saran Tashkhis | 21 | 663.74 | 5.95 |
| Darman Kav | 32 | 678.88 | 9.24 |
| Paad co | 49 | 686.35 | 10.27 |
| BIOMED (Atieh Analy.) | 13 | 721.38 | 7.87 |
| *L--P | 31 | 371.49 | 2.99 |
| Roche | 31 | 371.49 | 2.99 |

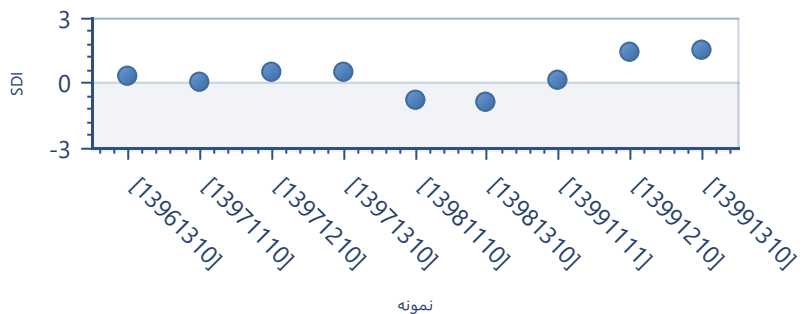
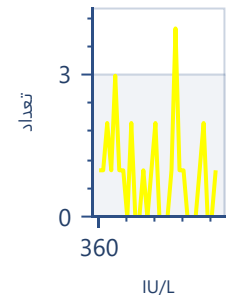
پراکندگی گروه نحوه



پراکندگی گروه روش



پراکندگی گروه کیت





برگه ارزیابی خارجی کیفیت بیوشیمی



تاریخ : 1400/5/25 11016-945

نام آزمایشگاه : پاتوبیولوژی نور

دوره : عمومی 1-1400

شماره نمونه : 2.740 001110

دانشگاه : علوم پزشکی ایران

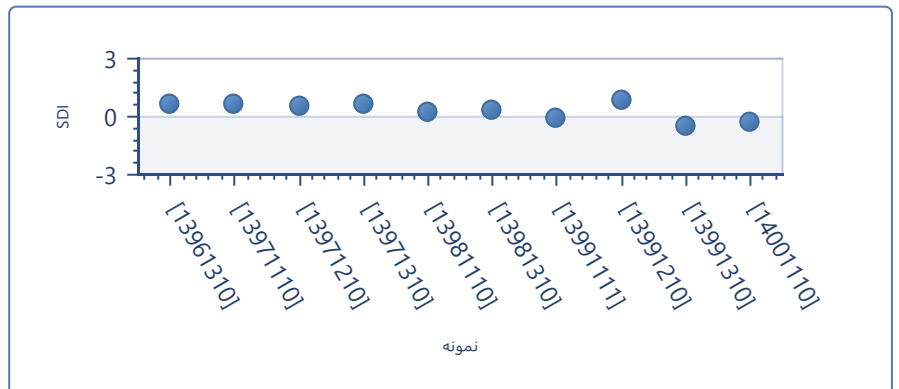
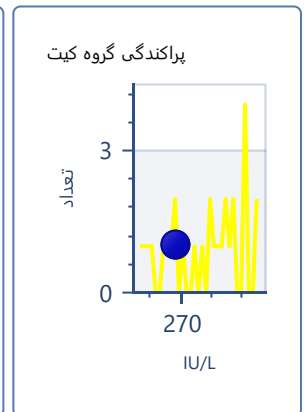
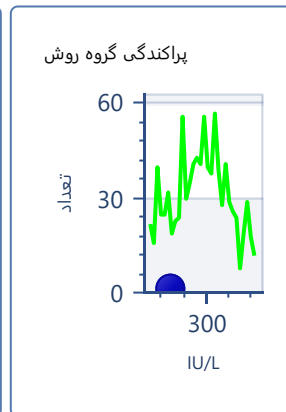
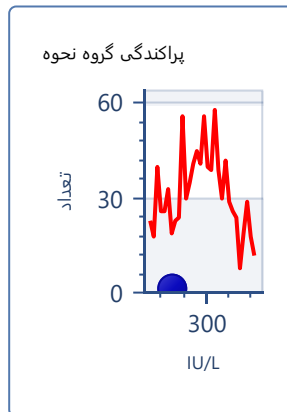
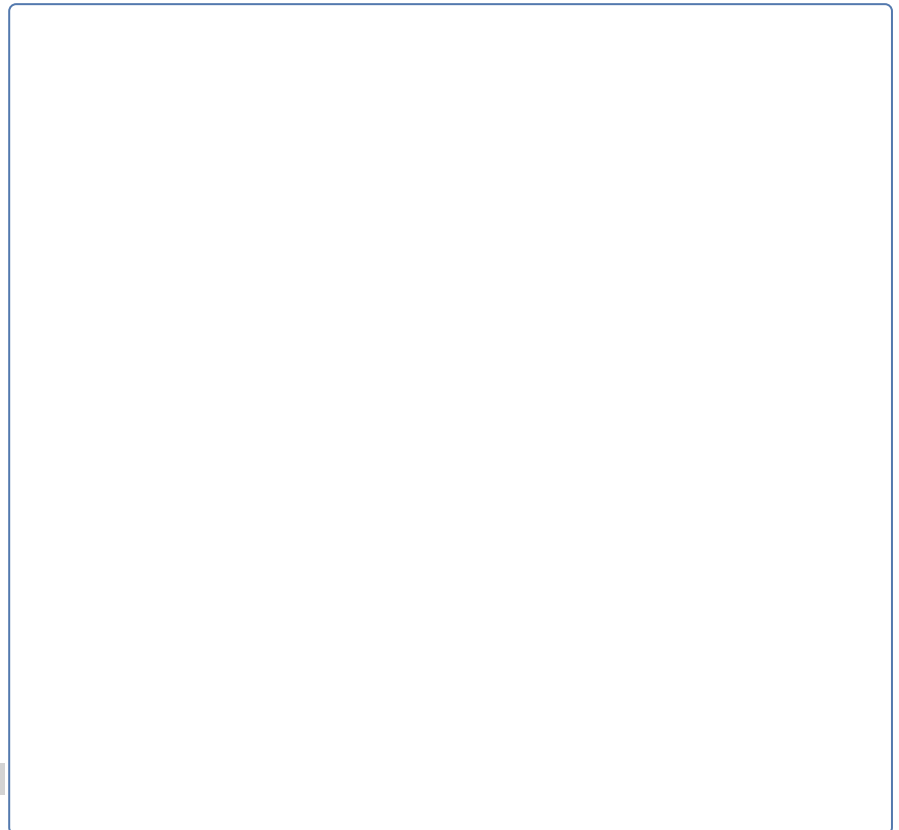
استان : تهران

Test : Amylase Unit: IU/L

Your Result: 269

SDI: -0.16 %DEV: -1.8

| Method | No | Target | CV |
|-----------------------|------|--------|-------|
| Manual | 18 | 276.24 | 23.83 |
| *Enzymatic | 18 | 276.24 | 23.83 |
| Pars Azmun | 6 | 278.88 | 16.79 |
| Automation | 1146 | 297.20 | 11.45 |
| *Enzymatic | 1130 | 297.37 | 11.43 |
| Paad co | 88 | 310.82 | 13.04 |
| Bayerpaul | 6 | 280.50 | 12.47 |
| Pars Azmun | 263 | 277.17 | 11.65 |
| STARLAB | 7 | 312.27 | 9.04 |
| Others | 8 | 310.37 | 14.20 |
| RITON | 8 | 315.45 | 6.32 |
| BIOMED (Atieh Analy.) | 16 | 325.83 | 9.52 |
| Bilimsel | 15 | 294.34 | 4.18 |
| Biosystem | 18 | 297.91 | 5.81 |
| Audit | 173 | 308.16 | 7.75 |
| Bionik | 135 | 310.76 | 10.72 |
| Biorex | 221 | 295.47 | 10.11 |
| Dialab | 7 | 282.61 | 11.81 |
| Saran Tashkhis | 28 | 321.28 | 8.89 |
| Roche | 37 | 274.02 | 4.05 |
| Deltapharm | 11 | 297.73 | 9.08 |
| Man | 60 | 298.48 | 10.58 |
| *Iodometry | 16 | 282.45 | 14.09 |
| Pars Azmun | 8 | 272.91 | 10.15 |





برگه ارزیابی خارجی کیفیت بیوشیمی



تاریخ : 1400/5/25 11016-945

نام آزمایشگاه : پاتوبیولوژی نور

دوره : عمومی 1-1400

شماره نمونه : 2.740 001110

دانشگاه : علوم پزشکی ایران

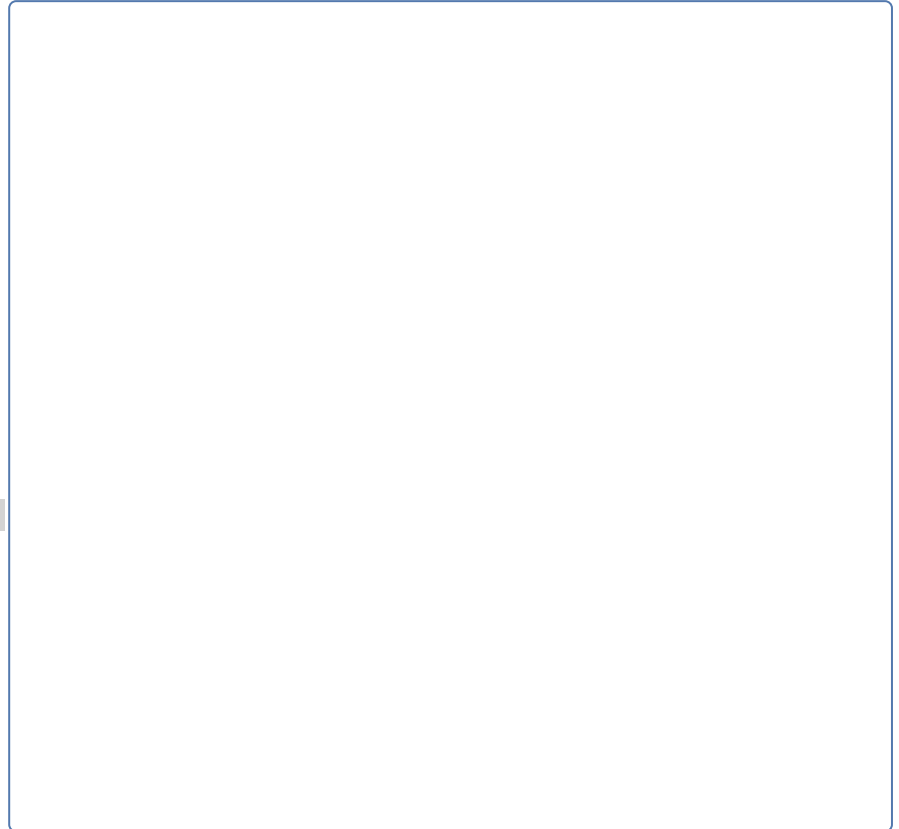
استان : تهران

Test : Lipase Unit: IU/L

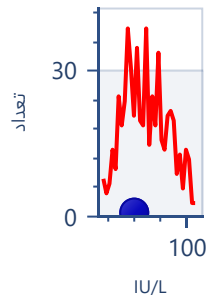
Your Result: 60

SDI: 0.27 %DEV: 4.9

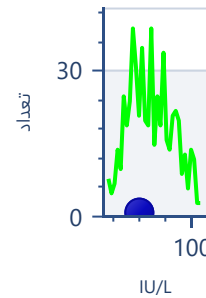
| Method | No | Target | CV |
|-----------------------|------------|--------------|--------------|
| Automation | 675 | 74.37 | 31.87 |
| *0 | 675 | 74.37 | 31.87 |
| Bilimsel | 14 | 57.13 | 5.35 |
| N.A | 11 | 66.92 | 19.74 |
| Roche | 35 | 62.69 | 11.27 |
| Biosystem | 10 | 79.50 | 16.62 |
| Biorex | 203 | 91.75 | 28.38 |
| Dialab | 8 | 57.12 | 7.40 |
| Saran Tashkhis | 26 | 86.68 | 28.74 |
| Pars Azmun | 95 | 67.73 | 27.14 |
| Deltapharm | 8 | 51.07 | 24.30 |
| Audit | 116 | 57.19 | 27.80 |
| Paad co | 18 | 67.16 | 25.28 |
| RITON | 6 | 79.17 | 26.25 |
| BIOMED (Atieh Analy.) | 8 | 88.75 | 29.80 |
| Bionik | 90 | 73.80 | 15.00 |
| Manual | 11 | 76.48 | 24.91 |
| *0 | 11 | 76.48 | 24.91 |



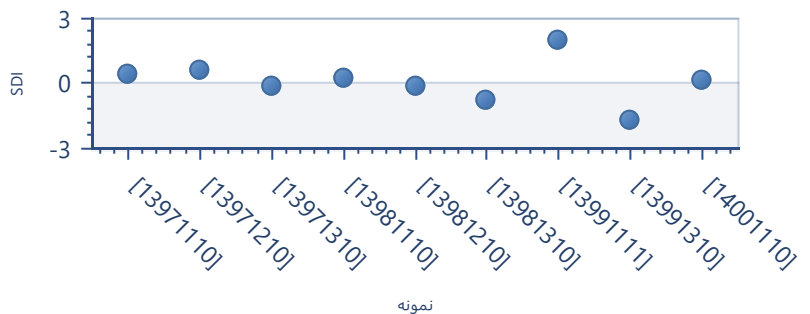
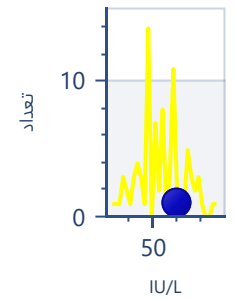
پراکندگی گروه نحوه



پراکندگی گروه روش



پراکندگی گروه کیت





برگه ارزیابی خارجی کیفیت بیوشیمی



تاریخ : 1400/5/25 11016-945

نام آزمایشگاه : پاتوبیولوژی نور

دوره : عمومی 1-1400

شماره نمونه : 2.740 001110

دانشگاه : علوم پزشکی ایران

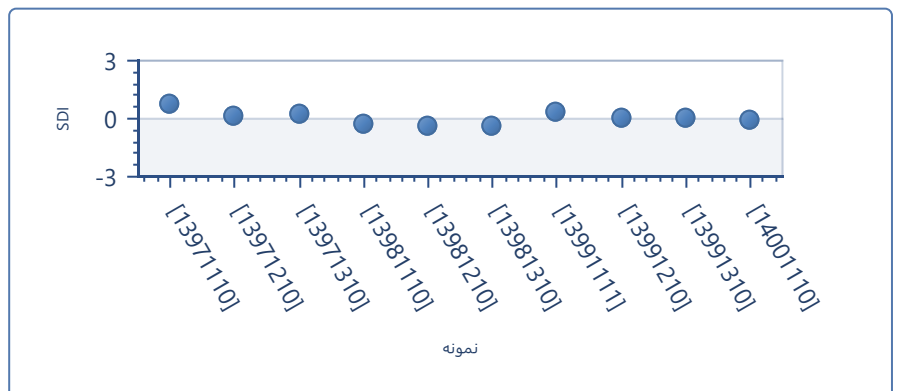
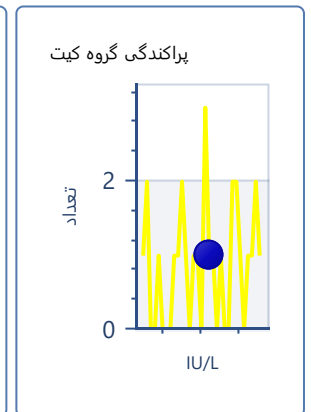
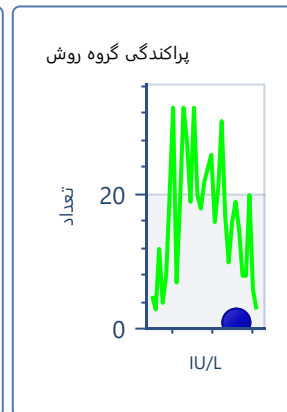
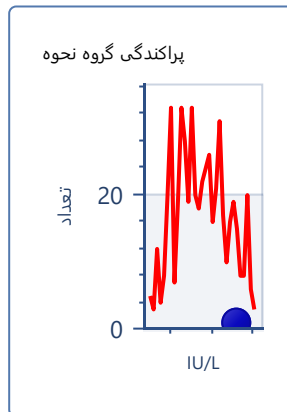
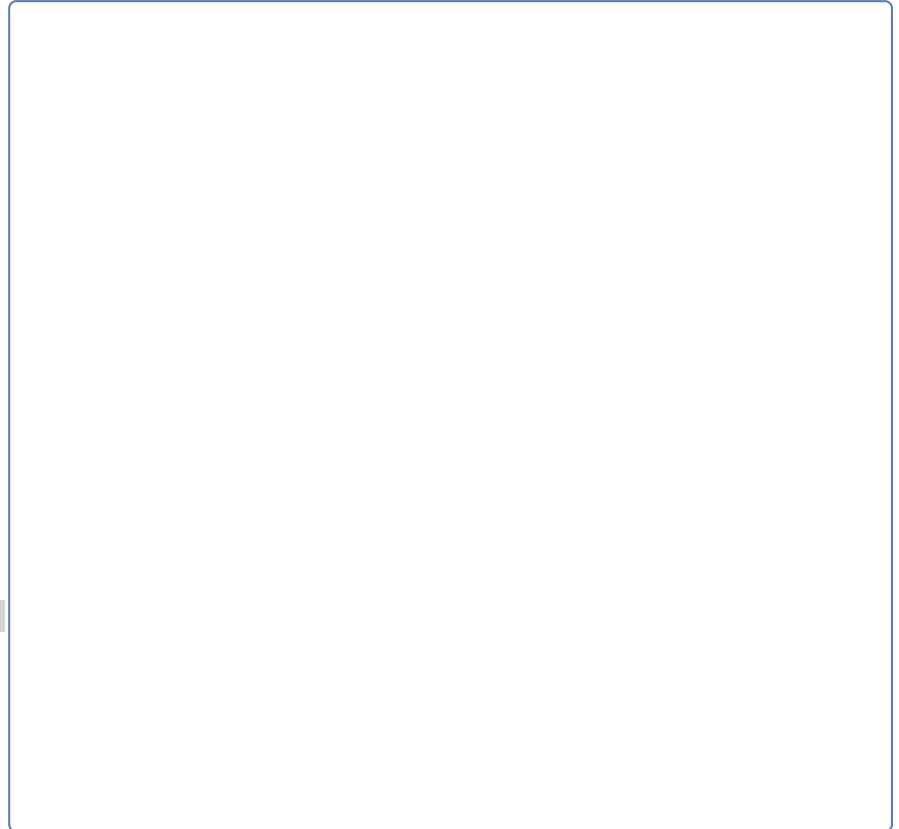
استان : تهران

Test : GGT Unit: IU/L

Your Result: 172

SDI: 0.05 %DEV: 0.8

| Method | No | Target | CV |
|-----------------------|-----|--------|-------|
| Manual | 6 | 144.93 | 25.01 |
| *0 | 6 | 144.93 | 25.01 |
| Pars Azmun | 6 | 144.93 | 25.01 |
| Automation | 628 | 157.27 | 11.24 |
| *0 | 628 | 157.27 | 11.24 |
| Deltapharm | 9 | 154.26 | 6.50 |
| Biorex | 59 | 162.55 | 13.71 |
| Biosystem | 16 | 164.00 | 6.52 |
| Dialab | 9 | 164.71 | 13.11 |
| Bilimsel | 15 | 168.58 | 4.89 |
| Bionik | 53 | 159.89 | 10.10 |
| Audit | 124 | 153.24 | 9.29 |
| Pars Azmun | 282 | 153.89 | 10.55 |
| BIOMED (Atieh Analy.) | 6 | 163.32 | 10.76 |
| Roche | 32 | 170.68 | 7.39 |





تاریخ: 1400/5/25 11016-945

نام آزمایشگاه: پاتوبیولوژی نور

دوره: عمومی 1-1400

شماره نمونه: 2.740 001110

دانشگاه: علوم پزشکی ایران

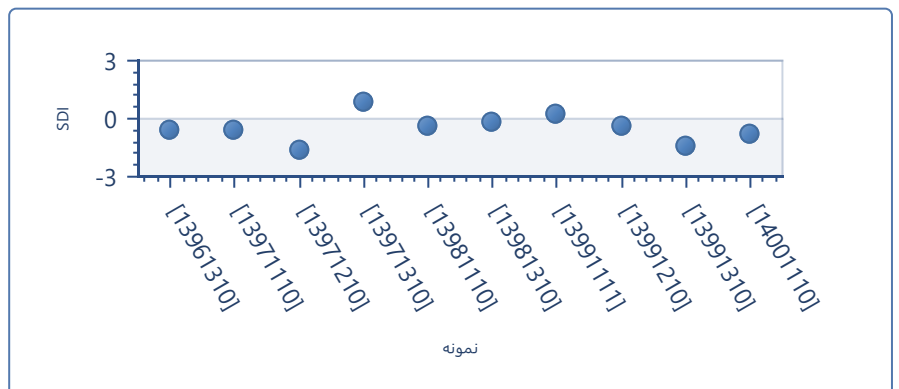
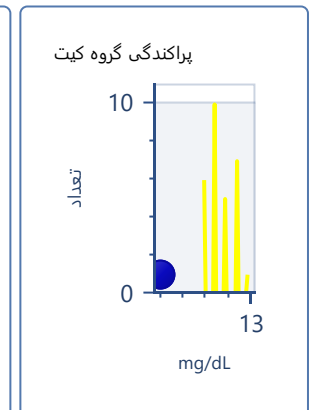
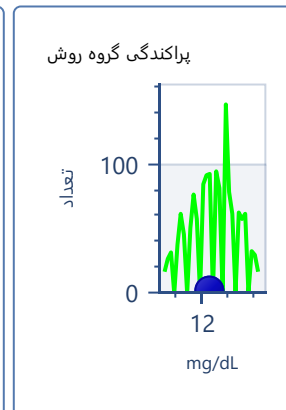
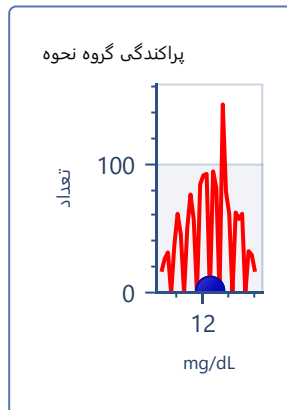
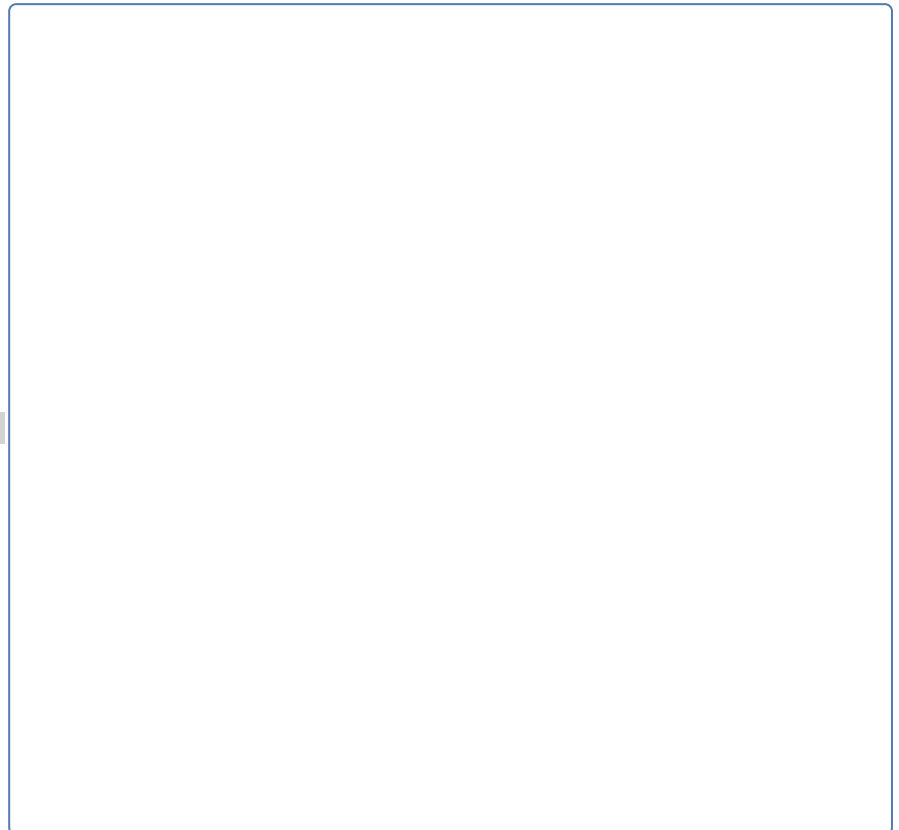
استان: تهران

Test : Calcium Unit: mg/dL

Your Result: 12.2

SDI: -0.70 %DEV: -2.8

| Method | No | Target | CV |
|-----------------------|-----------|--------------|-------------|
| Manual | 45 | 11.57 | 8.53 |
| *0 | 45 | 11.57 | 8.53 |
| Darman Kav | 40 | 11.60 | 8.83 |
| Automation | 1645 | 12.18 | 6.02 |
| *0 | 1645 | 12.18 | 6.02 |
| Dialab | 45 | 12.06 | 5.70 |
| Others | 8 | 11.91 | 4.70 |
| RITON | 14 | 12.34 | 5.19 |
| Roche | 39 | 12.55 | 1.55 |
| Bilimsel | 17 | 12.62 | 4.24 |
| STARLAB | 8 | 12.57 | 4.44 |
| Man | 92 | 12.08 | 4.19 |
| Saran Tashkhis | 29 | 11.88 | 5.21 |
| Ziest Chem | 21 | 12.31 | 6.75 |
| N.A | 15 | 12.23 | 6.89 |
| Deltapharm | 17 | 12.16 | 4.56 |
| BIOMED (Atieh Analy.) | 11 | 11.98 | 5.38 |
| Darman Kav | 31 | 12.36 | 9.25 |
| Pars Azmun | 637 | 12.06 | 6.22 |
| Biorex | 157 | 12.02 | 6.53 |
| Biosystem | 40 | 12.44 | 3.84 |
| Bionik | 118 | 12.22 | 5.40 |
| Bayerpaul | 30 | 12.08 | 7.30 |
| Paad co | 75 | 12.37 | 5.50 |
| Audit | 211 | 12.50 | 4.66 |





برگه ارزیابی خارجی کیفیت بیوشیمی



تاریخ : 1400/5/25 11016-945

نام آزمایشگاه : پاتوبیولوژی نور

دوره : عمومی 1-1400

شماره نمونه : 2.740 001110

دانشگاه : علوم پزشکی ایران

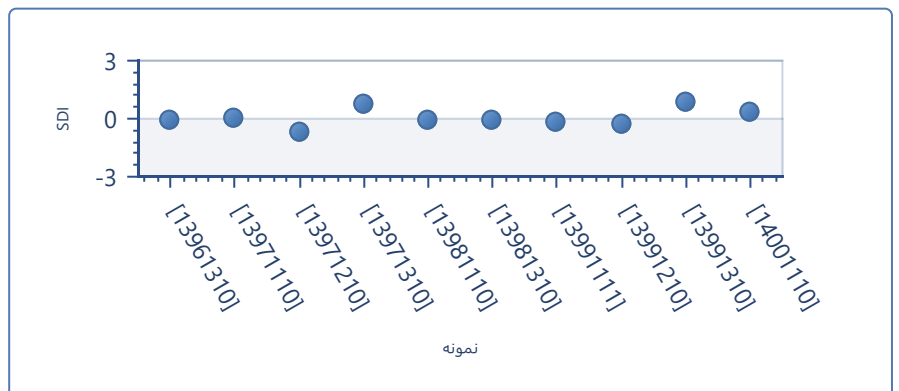
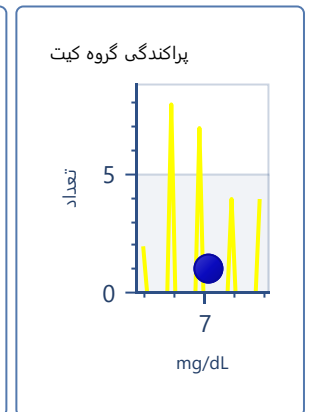
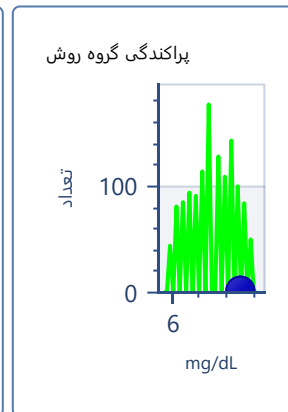
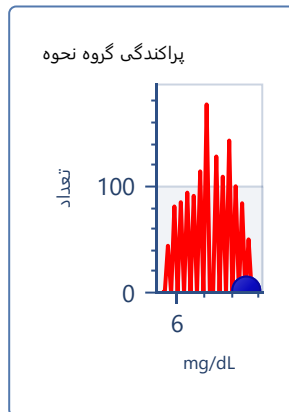
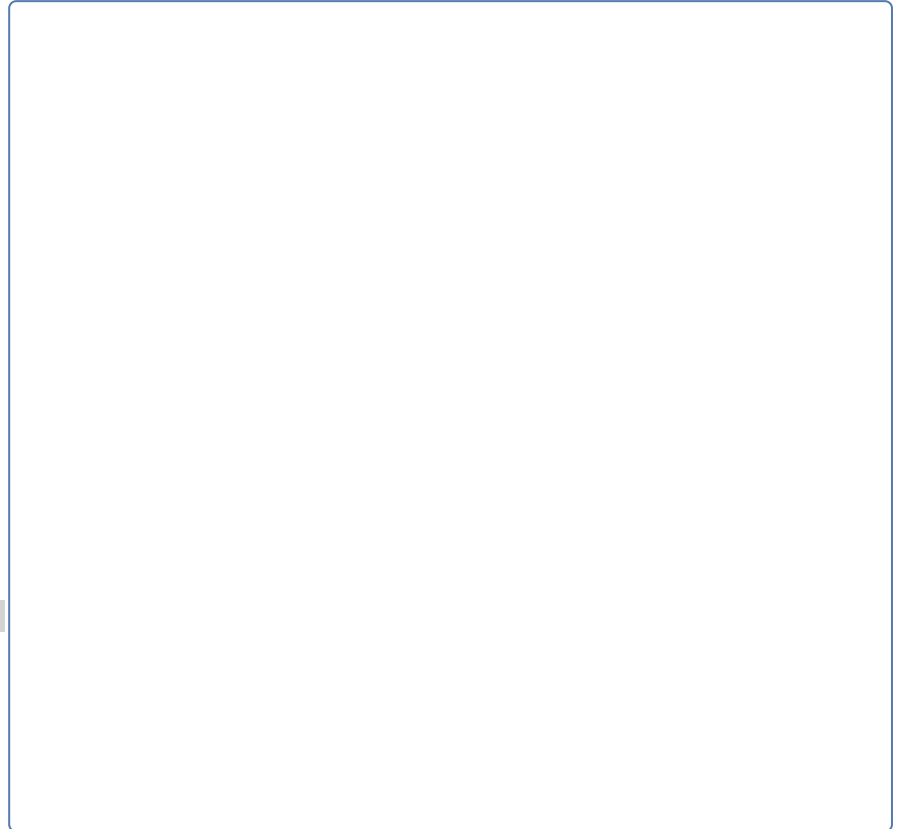
استان : تهران

Test : phosphorus Unit: mg/dL

Your Result: 7.01

SDI: 0.43 %DEV: 3.4

| Method | No | Target | CV |
|-----------------------|-----------|-------------|-------------|
| Manual | 24 | 6.19 | 8.59 |
| *0 | 24 | 6.19 | 8.59 |
| Automation | 1670 | 6.51 | 7.36 |
| *0 | 1670 | 6.51 | 7.36 |
| Paad co | 73 | 6.51 | 7.35 |
| Audit | 174 | 6.55 | 5.66 |
| Darman Kav | 36 | 6.51 | 7.38 |
| Bilimsel | 17 | 6.70 | 7.58 |
| Biorex | 188 | 6.46 | 7.41 |
| Dialab | 29 | 6.46 | 10.22 |
| Deltapharm | 9 | 6.40 | 6.03 |
| Ziest Chem | 6 | 6.24 | 9.50 |
| Others | 8 | 6.20 | 6.71 |
| Bionik | 169 | 6.59 | 5.31 |
| Roche | 33 | 6.78 | 2.47 |
| Pars Azmun | 624 | 6.44 | 9.05 |
| BIOMED (Atieh Analy.) | 9 | 6.76 | 2.83 |
| Bayerpaul | 36 | 6.69 | 7.74 |
| N.A | 13 | 6.34 | 10.06 |
| Biosystem | 24 | 6.89 | 4.76 |
| Man | 151 | 6.60 | 7.39 |
| Saran Tashkhis | 19 | 6.47 | 9.70 |
| STARLAB | 7 | 6.34 | 11.21 |
| Greiner | 10 | 6.23 | 2.70 |
| RITON | 14 | 6.35 | 5.89 |





تاریخ : 1400/5/25 11016-945

نام آزمایشگاه : پاتوبیولوژی نور

دوره : عمومی 1-1400

شماره نمونه : 2.740 001110

دانشگاه : علوم پزشکی ایران

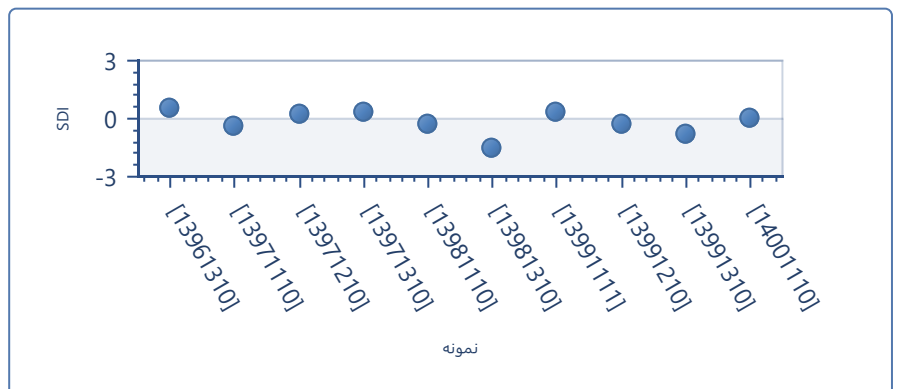
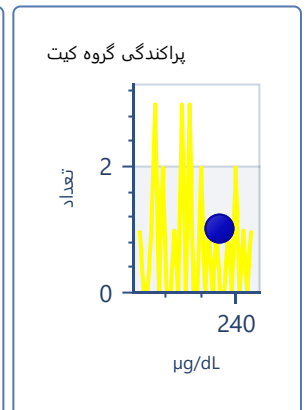
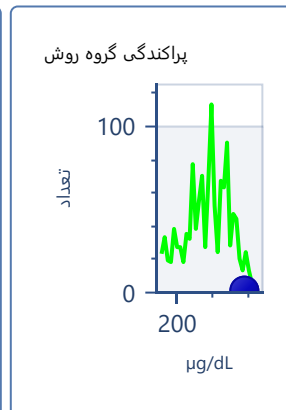
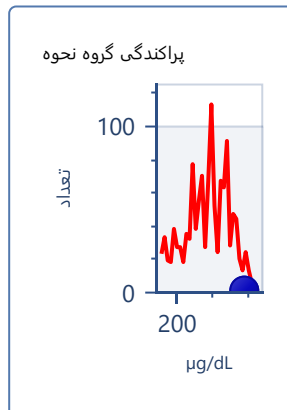
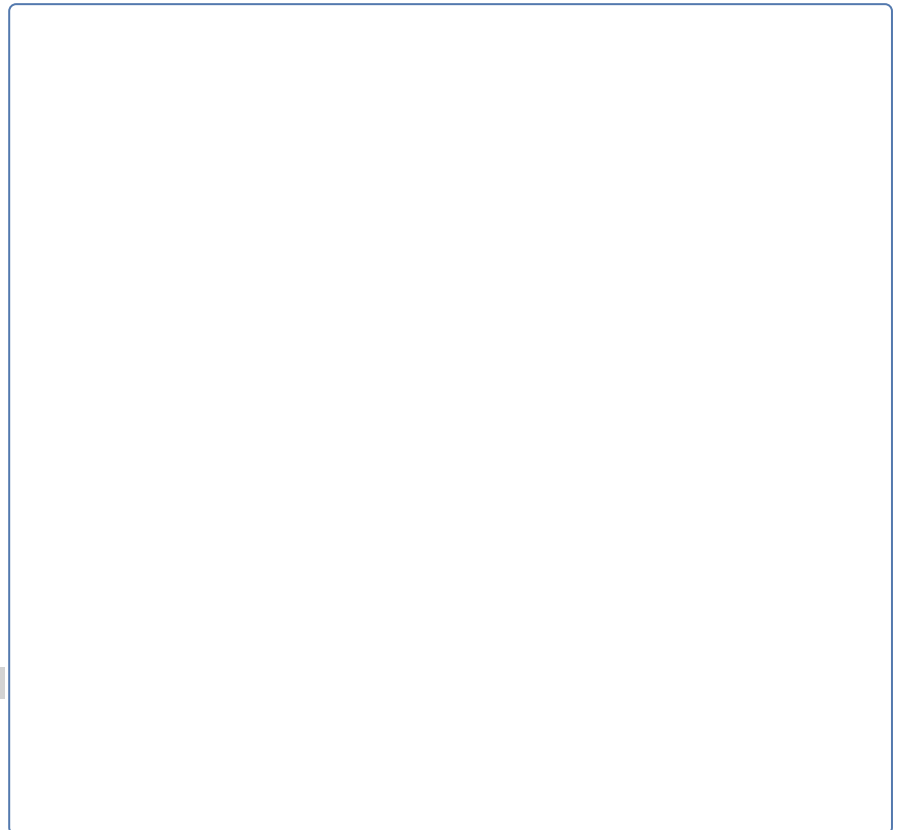
استان : تهران

Test : Iron Unit: $\mu\text{g/dL}$

Your Result: 238

SDI: 0.12 %DEV: 1.8

| Method | No | Target | CV |
|-----------------------|-----------|---------------|-------------|
| Manual | 26 | 198.86 | 11.49 |
| *0 | 26 | 198.86 | 11.49 |
| Darman Kav | 13 | 193.49 | 10.59 |
| Automation | 1609 | 216.12 | 8.71 |
| *0 | 1608 | 216.11 | 8.71 |
| Pars Azmun | 701 | 213.42 | 8.63 |
| Paad co | 17 | 213.53 | 7.36 |
| Biorex | 200 | 217.16 | 9.81 |
| BIOMED (Atieh Analy.) | 13 | 229.59 | 8.17 |
| Audit | 213 | 219.15 | 6.30 |
| Saran Tashkhis | 22 | 209.05 | 8.19 |
| Ziest Chem | 20 | 215.61 | 13.16 |
| Deltapharm | 22 | 216.02 | 8.94 |
| Dialab | 34 | 204.36 | 16.33 |
| Man | 18 | 223.09 | 8.94 |
| Biosystem | 27 | 196.16 | 5.64 |
| Roche | 31 | 233.70 | 2.57 |
| STARLAB | 8 | 205.79 | 16.34 |
| Bionik | 122 | 221.90 | 7.72 |
| Bilimsel | 17 | 221.71 | 2.40 |
| Darman Kav | 51 | 219.10 | 11.38 |
| Bayerpaul | 43 | 211.45 | 9.47 |
| Others | 9 | 229.87 | 5.85 |
| N.A | 14 | 224.37 | 13.36 |





تاریخ : 1400/5/25 11016-945

نام آزمایشگاه : پاتوبیولوژی نور

دوره : عمومی 1-1400

شماره نمونه : 2.740 001110

دانشگاه : علوم پزشکی ایران

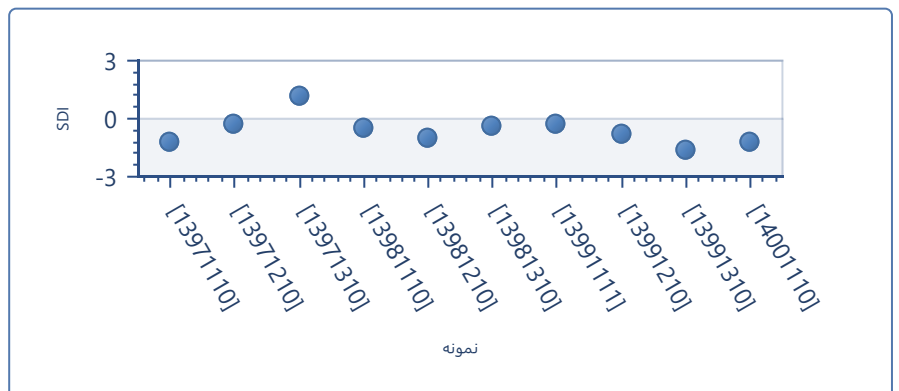
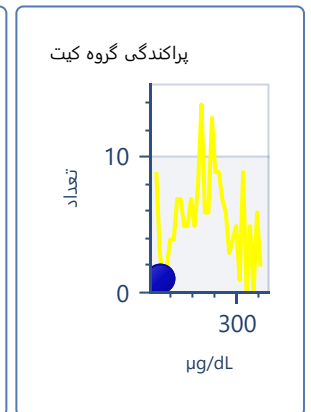
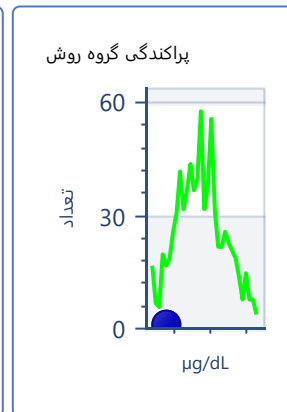
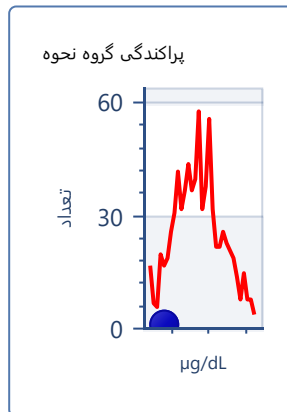
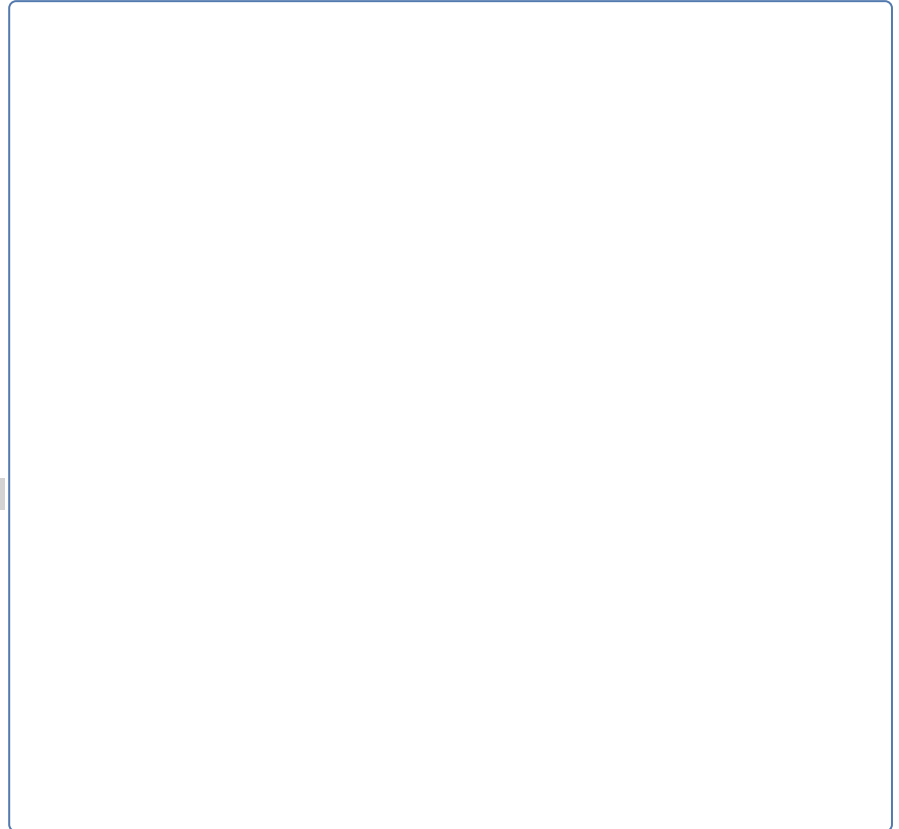
استان : تهران

Test : TIBC Unit: µg/dL

Your Result: 230

SDI: -1.13 %DEV: -17.0

| Method | No | Target | CV |
|-----------------------|------|--------|-------|
| Manual | 53 | 343.54 | 27.77 |
| *0 | 53 | 343.54 | 27.77 |
| Darman Kav | 46 | 357.57 | 29.13 |
| 0 | 146 | 327.75 | 28.34 |
| محاسبه | 146 | 327.75 | 28.34 |
| 0 | 146 | 327.75 | 28.34 |
| Automation | 1034 | 277.19 | 14.89 |
| *0 | 1034 | 277.19 | 14.89 |
| Deltapharm | 11 | 265.25 | 6.62 |
| Darman Kav | 71 | 357.48 | 24.99 |
| Pishtaz Teb | 206 | 277.05 | 12.38 |
| N.A | 16 | 307.72 | 16.25 |
| Bilimsel | 15 | 267.80 | 4.75 |
| BIOMED (Atieh Analy.) | 12 | 248.94 | 15.67 |
| Biorex | 291 | 267.63 | 18.75 |
| Biosystem | 10 | 341.69 | 15.91 |
| Dialab | 13 | 302.03 | 23.91 |
| Ziest Chem | 65 | 296.62 | 12.40 |
| Audit | 189 | 275.00 | 10.76 |
| Saran Tashkhis | 27 | 250.47 | 17.61 |
| Pars Azmun | 44 | 264.19 | 11.28 |
| Bayerpaul | 9 | 330.50 | 28.22 |
| Others | 10 | 260.54 | 25.29 |
| Bionik | 14 | 263.01 | 8.43 |





برگه ارزیابی خارجی کیفیت بیوشیمی



تاریخ : 1400/5/25 11016-945

نام آزمایشگاه : پاتوبیولوژی نور

دوره : عمومی 1-1400

شماره نمونه : 2.740 001110

دانشگاه : علوم پزشکی ایران

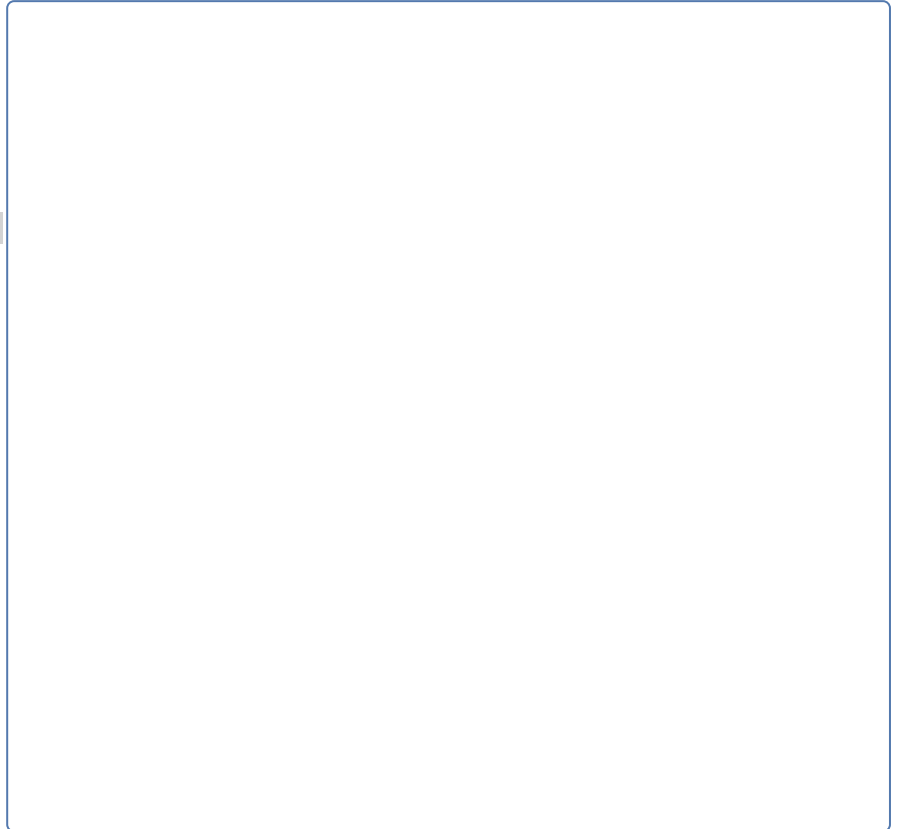
استان : تهران

Test : Transferrin Unit: mg/dL

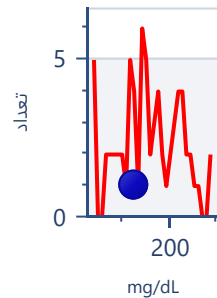
Your Result: 171

SDI: -0.33 %DEV: -5.0

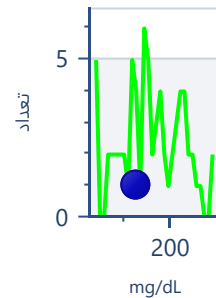
| Method | No | Target | CV |
|------------|----|--------|-------|
| Automation | 85 | 183.84 | 20.33 |
| *0 | 85 | 183.84 | 20.33 |
| Pars Azmun | 28 | 179.99 | 17.01 |
| Bionik | 18 | 181.60 | 21.87 |
| Roche | 10 | 184.42 | 11.65 |



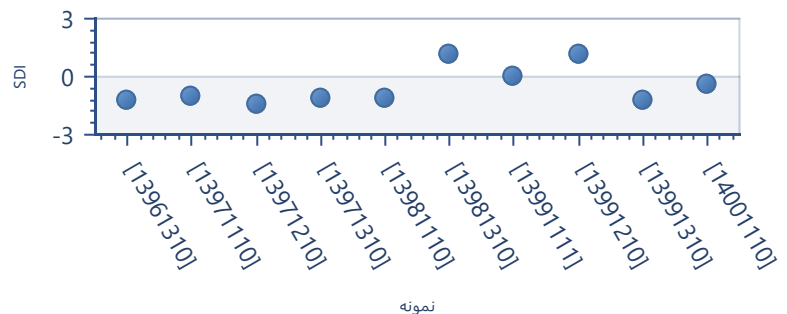
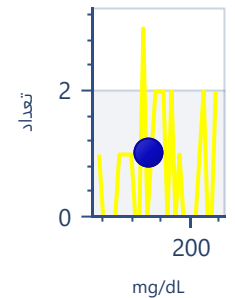
پراکندگی گروه نحوه



پراکندگی گروه روش



پراکندگی گروه کیت





برگه ارزیابی خارجی کیفیت بیوشیمی



تاریخ : 1400/5/25 11016-945

نام آزمایشگاه : پاتوبیولوژی نور

دوره : عمومی 1-1400

شماره نمونه : 2.740 001110

دانشگاه : علوم پزشکی ایران

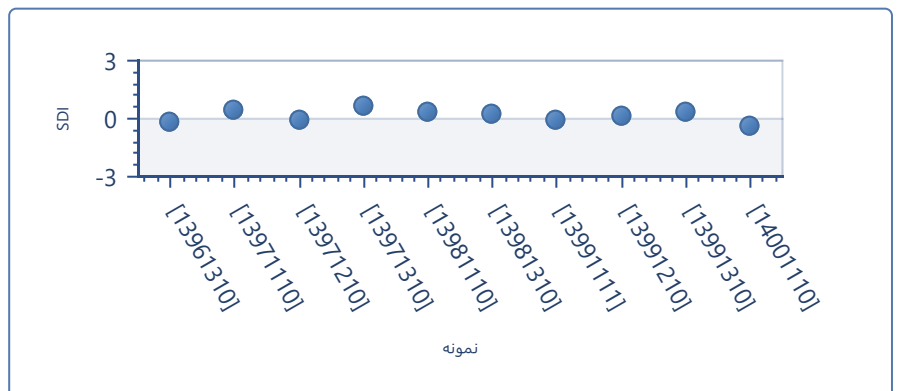
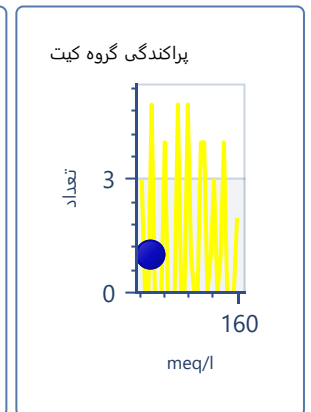
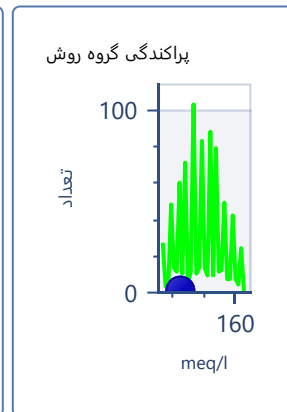
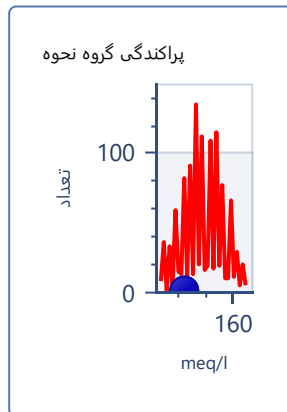
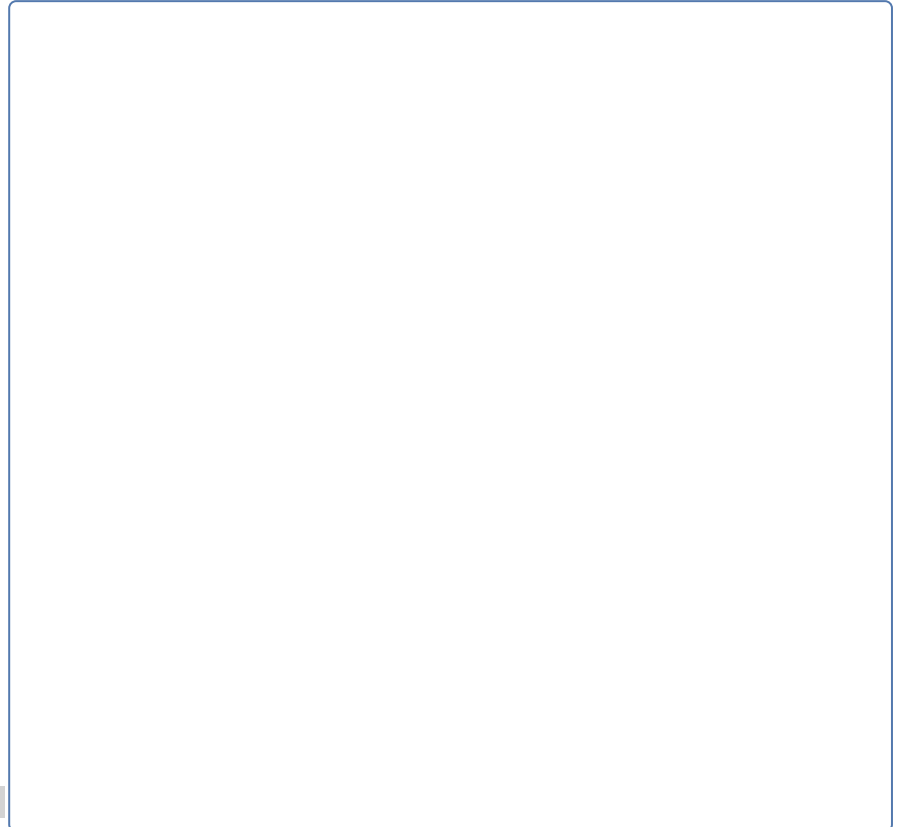
استان : تهران

Test : sodium Unit: meq/l

Your Result: 152.9

SDI: -0.35 %DEV: -1.8

| Method | No | Target | CV |
|-------------------------|------|--------|------|
| 0 | 1442 | 155.95 | 2.81 |
| *Enzymatic | 106 | 155.33 | 3.09 |
| IDEAL | 10 | 152.22 | 4.55 |
| Biorex | 19 | 150.73 | 5.44 |
| Pars Azmun | 8 | 153.65 | 3.52 |
| Arti Teb | 25 | 155.70 | 2.75 |
| Roche | 14 | 158.29 | 2.25 |
| *N.A | 111 | 155.99 | 3.25 |
| N.A | 92 | 156.01 | 2.97 |
| Others | 14 | 155.02 | 6.17 |
| *Flamephotometry | 148 | 155.94 | 3.06 |
| 0 | 148 | 155.94 | 3.06 |
| *ISE | 1072 | 155.99 | 2.52 |
| Caretium | 242 | 156.82 | 2.47 |
| Seac | 11 | 154.15 | 4.10 |
| Convergent | 93 | 155.98 | 2.08 |
| Diamond | 10 | 157.31 | 1.06 |
| Alpha | 10 | 161.27 | 2.92 |
| N.A | 290 | 155.74 | 2.58 |
| Audicom | 51 | 153.97 | 2.11 |
| Others | 52 | 155.65 | 2.06 |
| Easylyte | 174 | 156.26 | 2.10 |
| Joko | 96 | 154.79 | 2.03 |





برگه ارزیابی خارجی کیفیت بیوشیمی



تاریخ : 1400/5/25 11016-945

نام آزمایشگاه : پاتوبیولوژی نور

دوره : عمومی 1-1400

شماره نمونه : 2.740 001110

دانشگاه : علوم پزشکی ایران

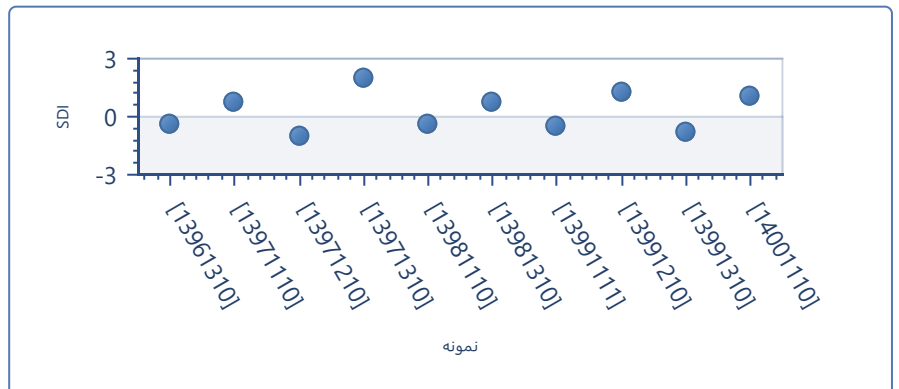
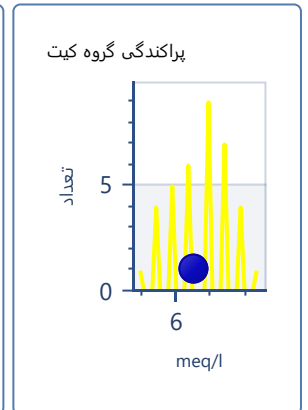
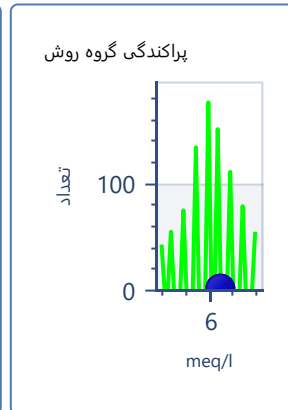
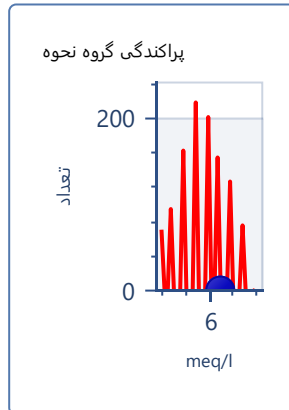
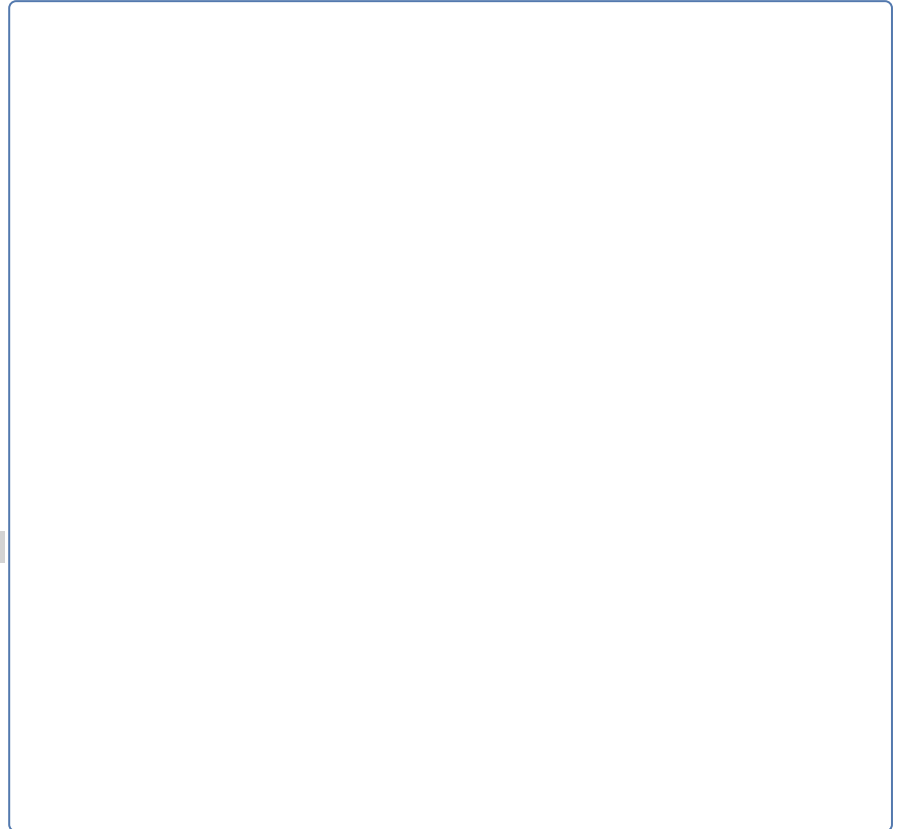
استان : تهران

Test : potassium Unit: meq/l

Your Result: 6.10

SDI: 1.12 %DEV: 3.2

| Method | No | Target | CV |
|-------------------------|------|--------|-------|
| 0 | 1443 | 5.95 | 4.83 |
| *Enzymatic | 123 | 5.98 | 5.15 |
| N.A | 6 | 6.06 | 5.83 |
| Arti Teb | 25 | 6.04 | 2.73 |
| Roche | 13 | 6.12 | 3.15 |
| Audit | 6 | 6.03 | 4.96 |
| Pars Azmun | 9 | 5.86 | 5.79 |
| IDEAL | 11 | 5.51 | 13.22 |
| Biorex | 17 | 5.74 | 8.57 |
| *Flamephotometry | 149 | 6.11 | 6.64 |
| 0 | 149 | 6.11 | 6.64 |
| *ISE | 1054 | 5.92 | 4.93 |
| Others | 48 | 5.91 | 4.52 |
| Audicom | 50 | 5.85 | 5.26 |
| N.A | 285 | 5.94 | 5.22 |
| Caretium | 241 | 5.88 | 5.19 |
| Joko | 94 | 5.99 | 2.58 |
| Seac | 8 | 5.90 | 7.46 |
| Diamond | 10 | 6.19 | 4.13 |
| Convergent | 93 | 5.87 | 2.95 |
| Alpha | 11 | 6.41 | 4.37 |
| Easylyte | 174 | 5.96 | 3.51 |
| *N.A | 116 | 5.96 | 5.47 |
| N.A | 98 | 5.95 | 5.74 |
| Others | 17 | 6.00 | 5.50 |





برگه ارزیابی خارجی کیفیت بیوشیمی



تاریخ : 1400/5/25 11016-945

نام آزمایشگاه : پاتوبیولوژی نور

دوره : عمومی 1-1400

شماره نمونه : 2.740 001110

دانشگاه : علوم پزشکی ایران

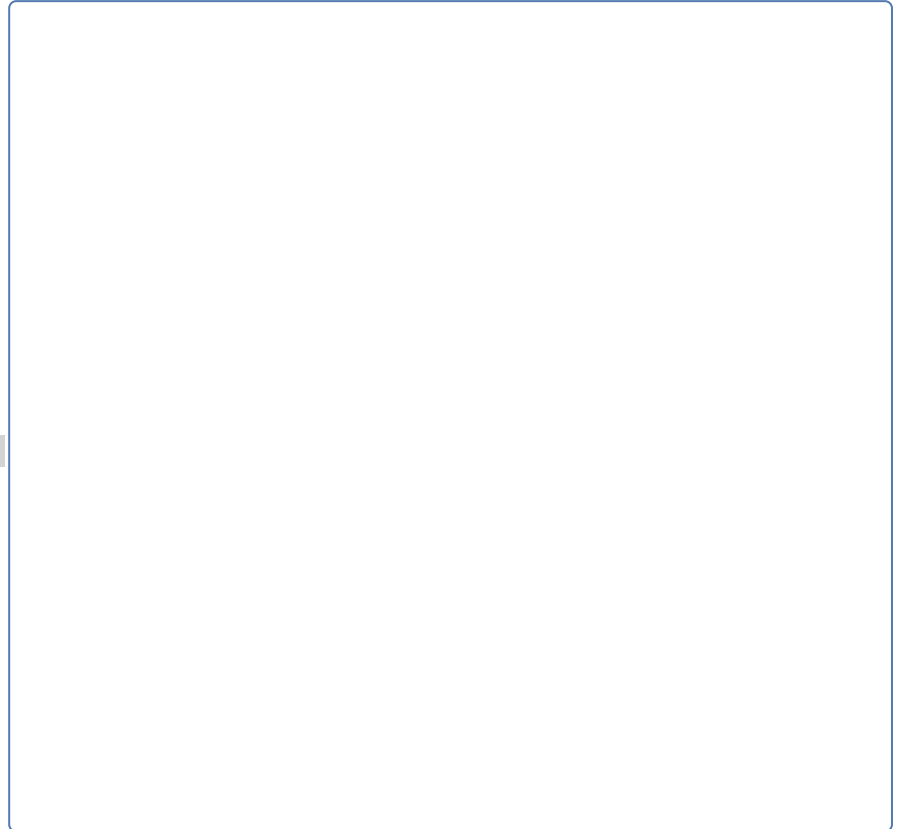
استان : تهران

Test : Lithium Unit: meq/l

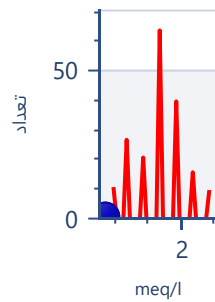
Your Result: 1.55

SDI: -1.86 %DEV: -20.1

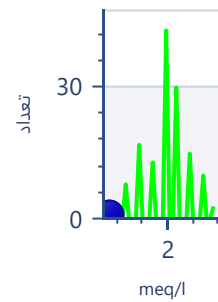
| Method | No | Target | CV |
|------------------|-----|--------|-------|
| 0 | 240 | 1.91 | 11.61 |
| *Enzymatic | 22 | 1.88 | 9.31 |
| Roche | 7 | 1.95 | 3.84 |
| Arti Teb | 6 | 1.87 | 8.37 |
| *N.A | 12 | 1.90 | 4.48 |
| N.A | 10 | 1.91 | 4.50 |
| *ISE | 176 | 1.93 | 13.76 |
| Caretium | 34 | 2.14 | 20.47 |
| Convergent | 10 | 1.91 | 16.04 |
| Others | 11 | 1.94 | 13.50 |
| Easylyte | 47 | 1.88 | 7.62 |
| N.A | 52 | 1.90 | 14.49 |
| *Flamephotometry | 30 | 1.79 | 10.88 |
| 0 | 30 | 1.79 | 10.88 |



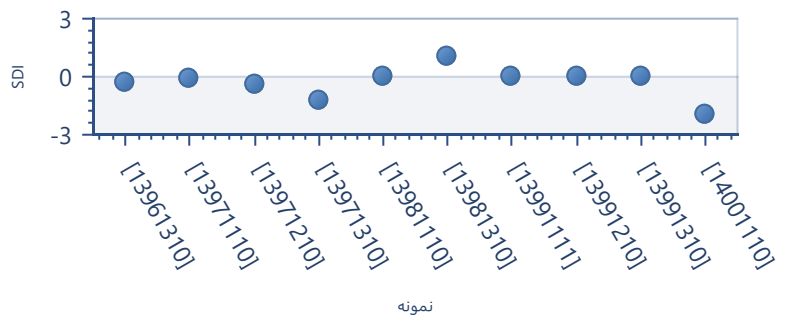
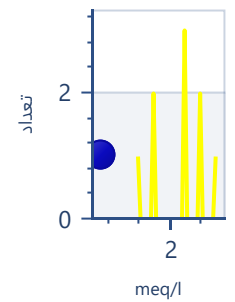
پراکندگی گروه نحوه



پراکندگی گروه روش



پراکندگی گروه کیت





برگه ارزیابی خارجی کیفیت بیوشیمی



تاریخ : 1400/5/25 11016-945

نام آزمایشگاه : پاتوبیولوژی نور

دوره : عمومی 1-1400

شماره نمونه : 2.740 001110

دانشگاه : علوم پزشکی ایران

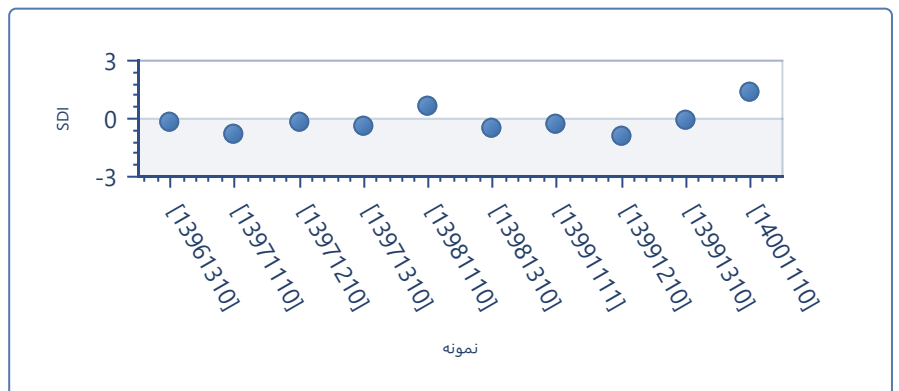
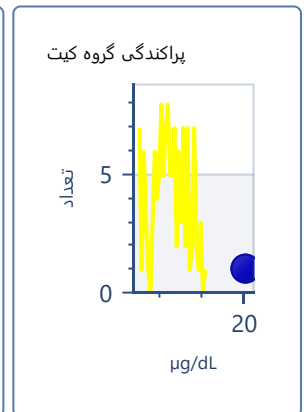
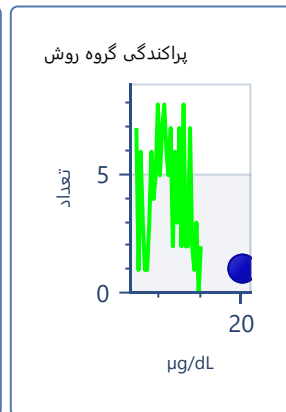
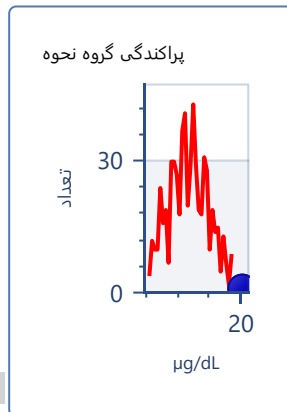
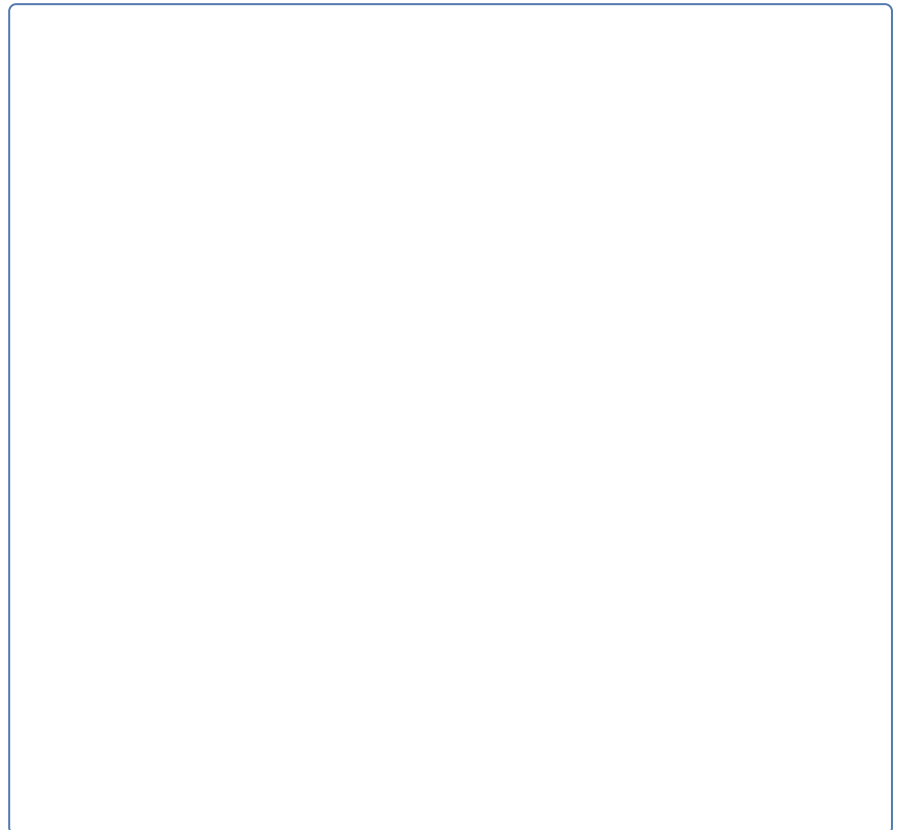
استان : تهران

Test : T4 Unit: µg/dL

Your Result: 20.10

SDI: 1.47 %DEV: 22.0

| Method | No | Target | CV |
|--------------------|-----|--------|-------|
| Manual | 838 | 15.71 | 20.30 |
| *ELISA | 815 | 15.71 | 20.81 |
| Diazist | 44 | 9.55 | 7.11 |
| Padtan Elm | 6 | 17.44 | 6.00 |
| Padtan Gostar isar | 67 | 14.44 | 21.62 |
| Autobio | 25 | 13.44 | 15.04 |
| N.A | 13 | 15.69 | 15.05 |
| Pishgaman Sanjesh | 73 | 13.04 | 18.21 |
| IDEAL | 135 | 15.80 | 14.42 |
| Monobind | 153 | 15.13 | 16.16 |
| Noyan negin | 7 | 14.40 | 24.30 |
| Pishtaz Teb | 276 | 17.85 | 12.87 |
| *RIA | 12 | 14.24 | 7.93 |
| Riakey | 6 | 15.18 | 29.17 |
| *CL | 8 | 16.34 | 11.68 |
| Monobind | 8 | 16.34 | 11.68 |
| Automation | 743 | 16.98 | 10.61 |
| *N.A | 9 | 16.38 | 12.10 |
| N.A | 6 | 15.67 | 9.29 |
| *ELFA | 257 | 17.22 | 9.22 |
| Biomerieux | 221 | 17.24 | 8.92 |
| N.A | 7 | 17.53 | 7.45 |
| Tosoh | 23 | 16.92 | 13.64 |
| *CL | 316 | 17.07 | 13.42 |
| Autobio | 13 | 17.79 | 7.01 |
| Snibe | 29 | 16.03 | 8.58 |
| Siemens (Advia) | 34 | 18.40 | 10.25 |
| mindray | 22 | 18.20 | 10.71 |
| Siemens (Immolute) | 67 | 17.38 | 12.27 |
| Abbott | 69 | 18.01 | 8.26 |
| Diasorin | 53 | 14.50 | 8.52 |
| Vitros | 19 | 17.44 | 4.22 |
| *ECL | 160 | 16.47 | 6.83 |
| Roche | 154 | 16.47 | 6.72 |





تاریخ : 1400/5/25 11016-945

نام آزمایشگاه : پاتوبیولوژی نور

دوره : عمومی 1-1400

شماره نمونه : 2.740 001110

دانشگاه : علوم پزشکی ایران

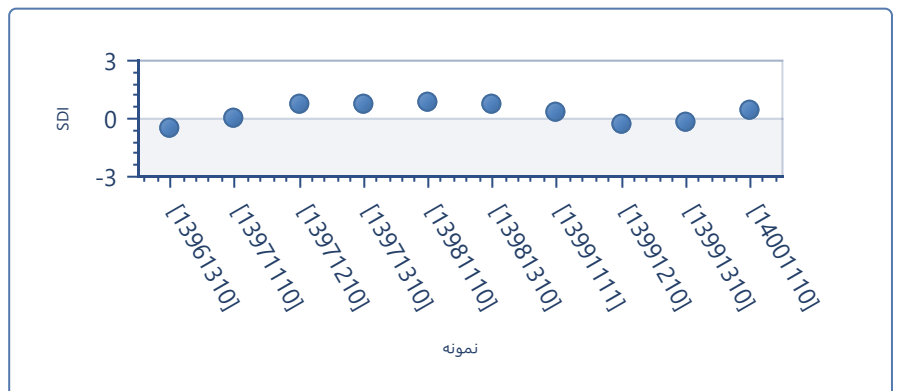
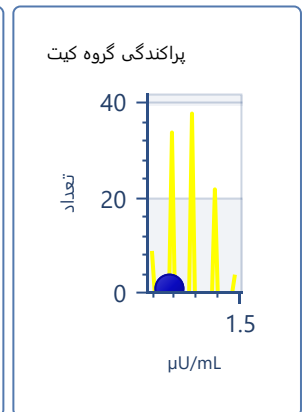
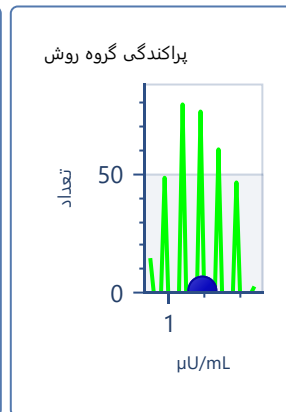
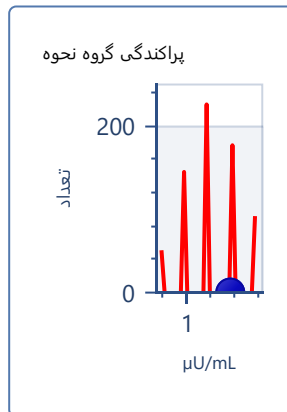
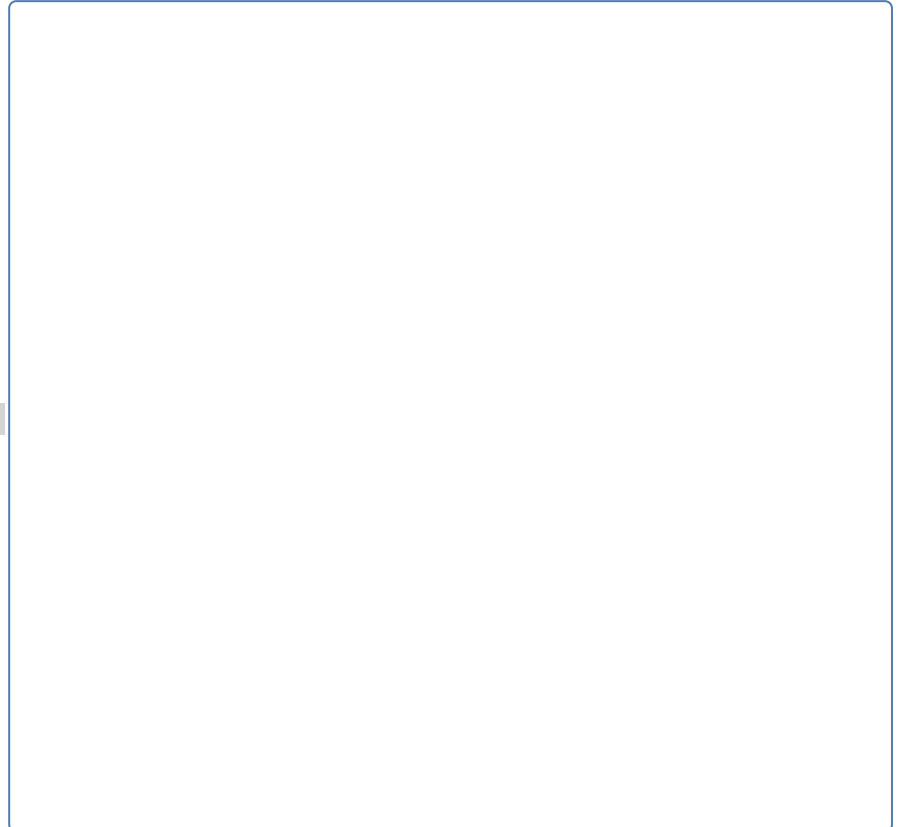
استان : تهران

Test : TSH Unit: $\mu\text{U/mL}$

Your Result: 1.18

SDI: 0.56 %DEV: 8.3

| Method | No | Target | CV |
|--------------------|-----|--------|-------|
| Automation | 803 | 1.11 | 13.25 |
| *CL | 377 | 1.08 | 16.81 |
| Diasorin | 56 | 1.21 | 8.45 |
| Siemens (Advia) | 38 | 0.97 | 13.45 |
| mindray | 23 | 1.21 | 7.71 |
| Vitros | 17 | 1.04 | 5.63 |
| Abbott | 64 | 0.89 | 9.18 |
| Autobio | 15 | 1.44 | 5.16 |
| Siemens (Immolute) | 123 | 1.09 | 11.10 |
| Snibe | 29 | 1.10 | 7.07 |
| *ELFA | 258 | 1.10 | 8.20 |
| Tosoh | 23 | 1.01 | 11.71 |
| N.A | 6 | 1.12 | 2.62 |
| Biomerieux | 223 | 1.10 | 7.89 |
| *N.A | 12 | 1.15 | 12.96 |
| N.A | 6 | 1.15 | 13.81 |
| *ECL | 156 | 1.19 | 8.59 |
| Roche | 151 | 1.19 | 8.48 |
| Manual | 809 | 1.25 | 21.97 |
| *ELISA | 787 | 1.25 | 22.04 |
| Pishtaz Teb | 266 | 1.44 | 19.15 |
| Pishgaman Sanjesh | 67 | 1.10 | 15.80 |
| Diazist | 38 | 1.33 | 16.73 |
| IDEAL | 126 | 1.17 | 14.14 |
| Padtan Gostar isar | 63 | 1.04 | 14.08 |
| Monobind | 145 | 1.16 | 12.57 |
| Others | 7 | 0.90 | 17.20 |
| Noyan negin | 19 | 1.24 | 11.04 |
| Autobio | 31 | 1.23 | 12.31 |
| N.A | 7 | 1.21 | 13.99 |
| *IRMA | 13 | 1.16 | 13.75 |





برگه ارزیابی خارجی کیفیت بیوشیمی



تاریخ : 1400/5/25 11016-945

نام آزمایشگاه : پاتوبیولوژی نور

دوره : عمومی 1-1400

شماره نمونه : 2.740 001110

دانشگاه : علوم پزشکی ایران

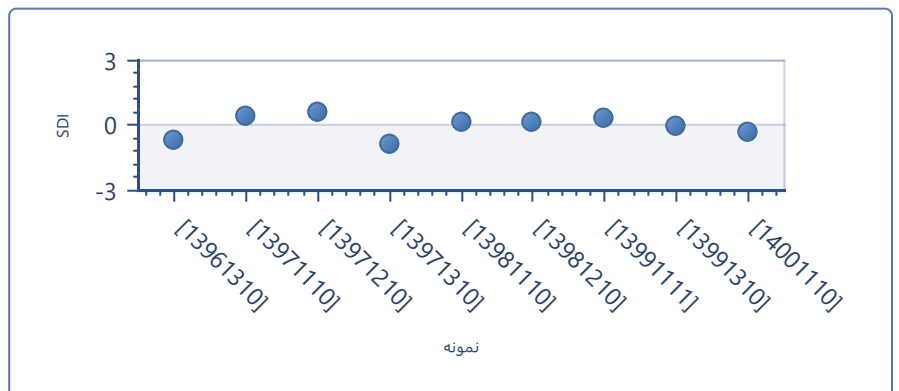
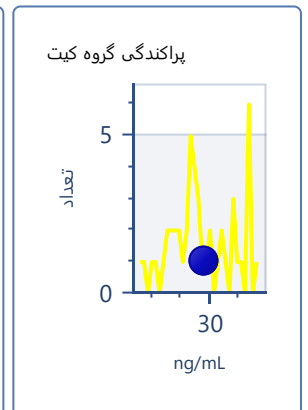
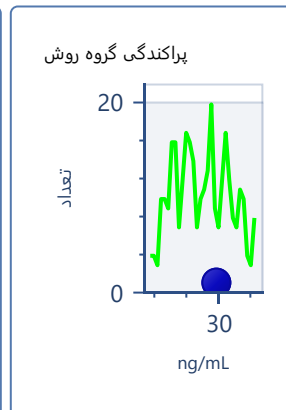
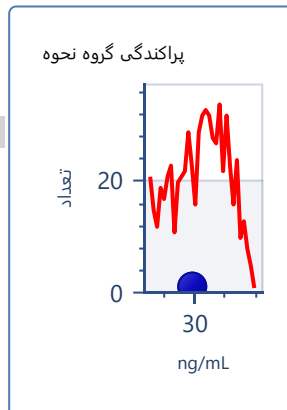
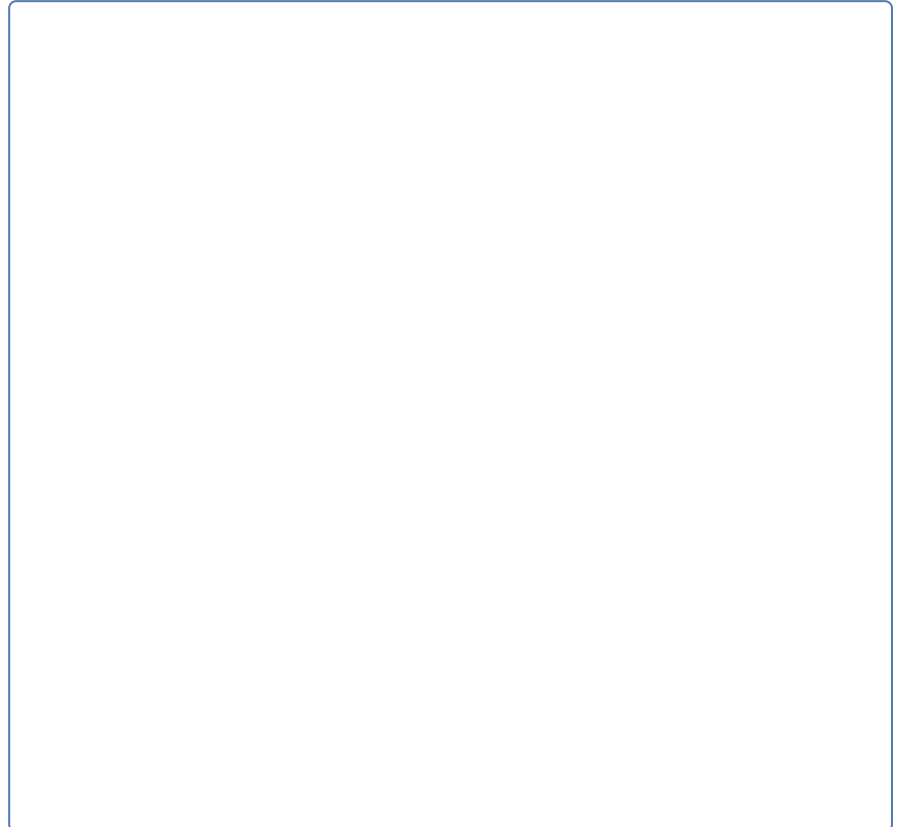
استان : تهران

Test : Total PSA Unit: ng/mL

Your Result: 29.56

SDI: -0.22 %DEV: -2.2

| Method | No | Target | CV |
|--------------------|-----|--------|-------|
| Manual | 730 | 36.99 | 30.16 |
| *ELISA | 716 | 36.94 | 30.20 |
| Pishtaz Teb | 288 | 41.09 | 26.69 |
| Diazist | 47 | 38.31 | 25.12 |
| CanAg | 6 | 29.15 | 8.62 |
| Padtan Elm | 14 | 38.24 | 26.84 |
| N.A | 7 | 26.53 | 12.70 |
| IDEAL | 94 | 31.86 | 28.76 |
| Padtan Teb | 6 | 52.20 | 18.06 |
| Monobind | 106 | 35.40 | 23.67 |
| Padtan Gostar isar | 60 | 28.92 | 27.02 |
| Diaplus | 11 | 39.66 | 19.92 |
| Pishgaman Sanjesh | 62 | 38.74 | 24.71 |
| Automation | 726 | 31.21 | 21.79 |
| *ELFA | 230 | 32.88 | 13.98 |
| Tosoh | 17 | 24.98 | 16.63 |
| Biomerieux | 203 | 33.24 | 12.37 |
| *ECL | 147 | 36.69 | 10.90 |
| Roche | 144 | 36.69 | 10.70 |
| *CL | 332 | 27.66 | 22.96 |
| Autobio | 13 | 34.72 | 11.36 |
| mindray | 20 | 36.53 | 9.63 |
| Siemens (Immolute) | 98 | 22.18 | 13.67 |
| Diasorin | 58 | 25.30 | 9.74 |
| Vitros | 17 | 33.92 | 4.53 |
| Abbott | 59 | 30.21 | 10.30 |
| Siemens (Advia) | 34 | 31.01 | 10.50 |
| Snibe | 23 | 30.14 | 13.51 |
| *N.A | 14 | 29.98 | 25.68 |
| N.A | 6 | 25.56 | 10.54 |





برگه ارزیابی خارجی کیفیت بیوشیمی



تاریخ : 1400/5/25 11016-945

نام آزمایشگاه : پاتوبیولوژی نور

دوره : عمومی 1-1400

شماره نمونه : 2.740 001110

دانشگاه : علوم پزشکی ایران

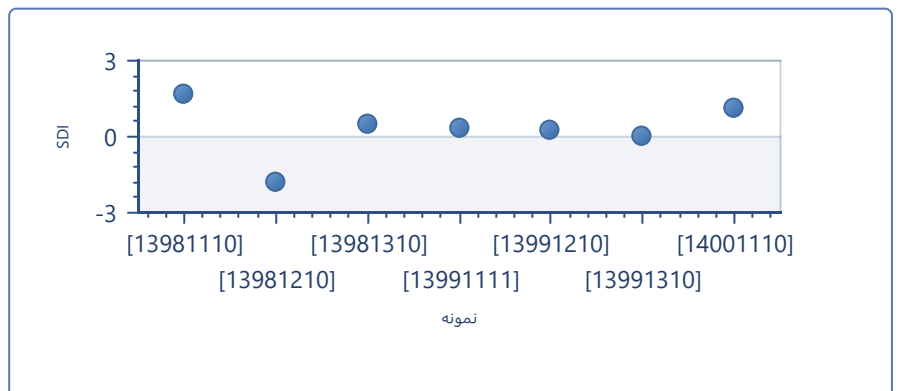
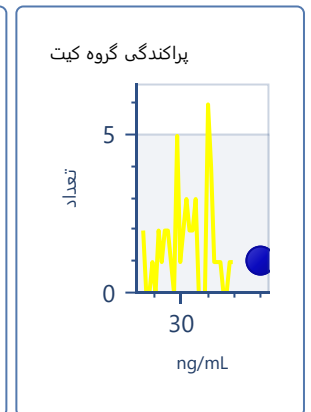
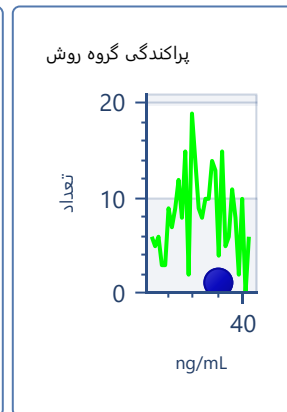
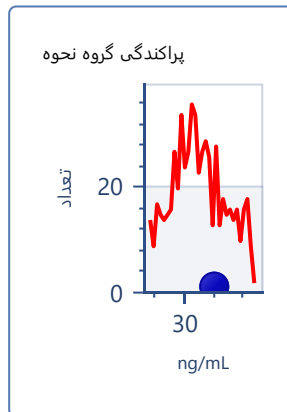
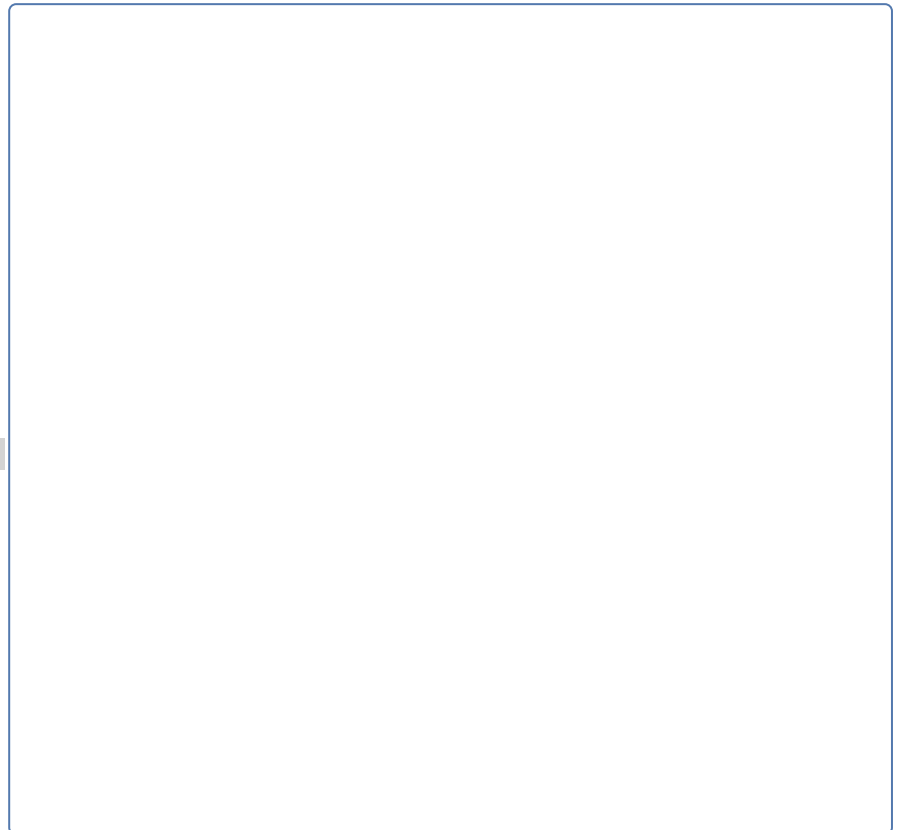
استان : تهران

Test : Ferritin Unit: ng/mL

Your Result: 36.00

SDI: 1.22 %DEV: 18.3

| Method | No | Target | CV |
|----------------------------|-----|--------|-------|
| Automation | 695 | 34.44 | 20.90 |
| *CL | 290 | 33.69 | 16.24 |
| Abbott | 67 | 36.16 | 10.23 |
| Vitros | 17 | 32.52 | 9.12 |
| Autobio | 10 | 41.09 | 8.26 |
| Siemens (Immulite) | 60 | 34.55 | 12.39 |
| Snibe | 23 | 40.33 | 12.72 |
| Siemens (Advia) | 27 | 31.60 | 10.89 |
| mindray | 23 | 29.55 | 16.05 |
| Diasorin | 58 | 30.42 | 9.09 |
| *ECL | 118 | 43.69 | 13.86 |
| Roche | 115 | 43.91 | 13.49 |
| *ELFA | 187 | 31.38 | 16.22 |
| Tosoh | 17 | 30.74 | 13.19 |
| Biomerieux | 163 | 31.25 | 16.38 |
| *Immunoturbidometry | 84 | 33.42 | 26.38 |
| Bionik | 28 | 32.42 | 23.56 |
| Biorex | 19 | 34.73 | 24.49 |
| Audit | 24 | 31.01 | 24.01 |
| *N.A | 15 | 33.57 | 12.81 |
| N.A | 9 | 31.69 | 9.20 |
| Manual | 843 | 37.59 | 21.99 |
| *ELISA | 834 | 37.59 | 22.08 |
| N.A | 10 | 35.69 | 16.41 |
| Diametra | 9 | 45.28 | 25.16 |
| Diazist | 50 | 36.08 | 14.40 |
| Padtan Elm | 18 | 41.15 | 30.45 |
| Monobind | 102 | 43.46 | 20.33 |
| Padtan Gostar isar | 83 | 37.13 | 21.60 |
| Others | 7 | 32.17 | 31.32 |
| Pishtaz Teb | 337 | 37.05 | 19.58 |
| Pishgaman Sanjesh | 88 | 30.77 | 24.69 |
| IDEAL | 107 | 40.65 | 18.52 |
| erba | 6 | 33.10 | 29.28 |





برگه ارزیابی خارجی کیفیت بیوشیمی



11016-945

تاریخ: 1400/5/28

نام آزمایشگاه: پاتوبیولوژی نور

دوره: عمومی 1-1400

شماره نمونه: 2.7404001120

دانشگاه: علوم پزشکی ایران

استان: تهران

گزارش ارزیابی کیفیت بیوشیمی

| نام تست | واحد | نتیجه | میانگین گروه | CV | SDI |
|---------------|------|-------|--------------|------|------|
| Urine Protein | mg/l | 165 | 147.62 | 9.83 | 1.18 |

$SDI \leq 0.99$

$1 < SDI \leq 1.99$

$2 < SDI \leq 2.99$

$SDI \geq 3$

عالی

قابل قبول

هشدار

غیر قابل قبول



تاریخ : 1400/5/28 11016-945

نام آزمایشگاه : پاتوبیولوژی نور

دوره : عمومی 1-1400

شماره نمونه : 2.7401001120

دانشگاه : علوم پزشکی ایران

استان : تهران

Test : Urine Protein Unit: mg/l

Your Result: 165

SDI: 1.18 %DEV: 11.8

| Method | No | Target | CV |
|------------------------------|-----|--------|-------|
| Manual | 485 | 146.75 | 28.09 |
| * ultra sensitive | 14 | 168.35 | 18.41 |
| Bahar Afshan | 14 | 168.35 | 18.41 |
| *Trichloroacetic Acid | 9 | 151.04 | 14.52 |
| N.A | 6 | 142.57 | 14.04 |
| *Pyrogallol red | 414 | 146.86 | 28.11 |
| Pars Azmun | 122 | 129.04 | 33.67 |
| Biorex | 6 | 163.72 | 73.76 |
| Ziest Chem | 236 | 157.68 | 21.83 |
| Darman Kav | 29 | 137.34 | 30.89 |
| *Solfosalicylic Acid | 36 | 135.39 | 39.12 |
| Merck | 8 | 152.13 | 38.04 |
| N.A | 23 | 134.57 | 39.89 |
| Automation | 896 | 143.08 | 29.64 |
| * ultra sensitive | 7 | 170.54 | 40.02 |
| Bahar Afshan | 6 | 181.67 | 43.55 |
| *N.A | 16 | 110.66 | 72.05 |
| N.A | 12 | 133.50 | 43.71 |
| *Turbidimetry * | 199 | 144.10 | 15.29 |
| Audit | 132 | 141.61 | 16.88 |
| Roche | 46 | 147.62 | 9.83 |
| *Pyrogallol red | 668 | 143.16 | 35.04 |
| Pars Azmun | 261 | 130.20 | 33.62 |
| Darman Kav | 40 | 130.89 | 45.30 |
| Ziest Chem | 200 | 154.29 | 27.21 |
| Bayerpaul | 8 | 142.93 | 75.47 |
| Paad co | 15 | 140.14 | 33.09 |
| Bilimsel | 16 | 176.97 | 5.59 |
| Biosystem | 12 | 161.21 | 29.79 |
| Saran Tashkhis | 15 | 164.91 | 13.16 |
| Biorex | 62 | 142.69 | 46.28 |
| Dialab | 14 | 146.14 | 47.81 |
| BIOMED (Atieh Analy.) | 7 | 172.63 | 25.91 |

