

Laboratorio Emotest s.r.l.

MONTHLY HAEMATOLOGY

CYCLE 16 SAMPLE 9

Explanation of codes used in this report

R - Results removed due to reconstitution error
N - No result returned
C - Result corrected

Authorised by: Sally Picton, RIQAS Manager

Issue No: 1

Issue Date: 14/09/2023

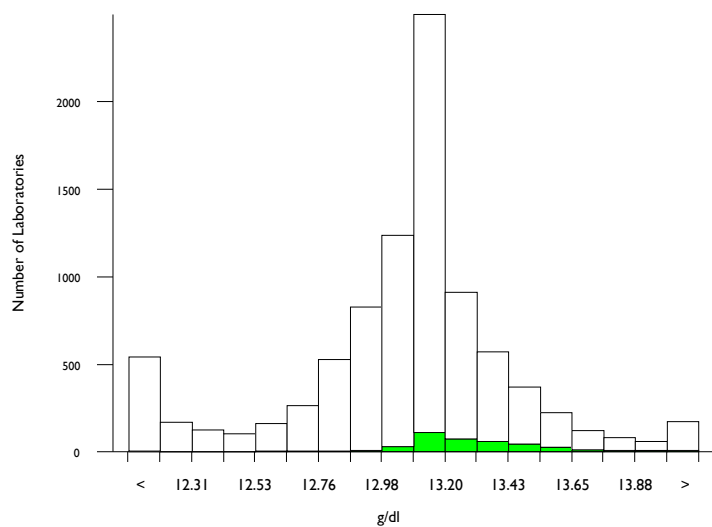
Randox Laboratories Limited
55 Diamond Road
CRUMLIN BT29 4QY
Tel: +44 (0)28 9445 4399
Fax: +44 (0)28 9445 4398
Email: mail@riqas.com

Haemoglobin, g/dl

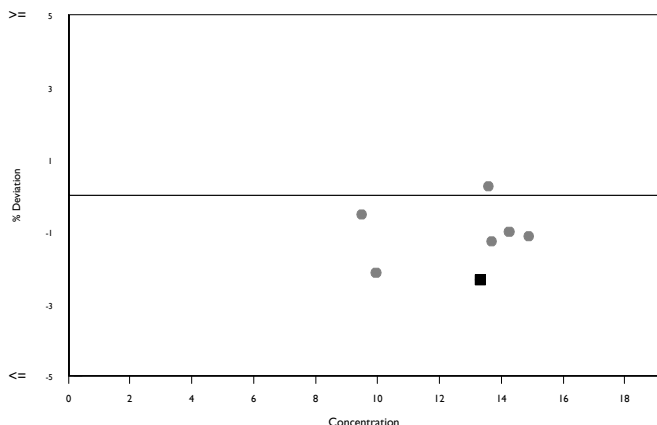
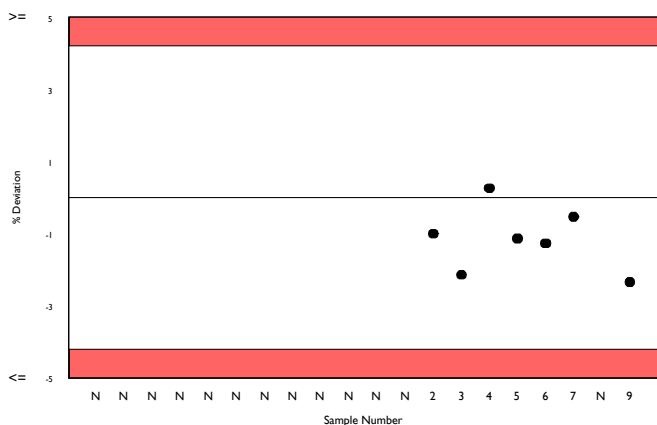
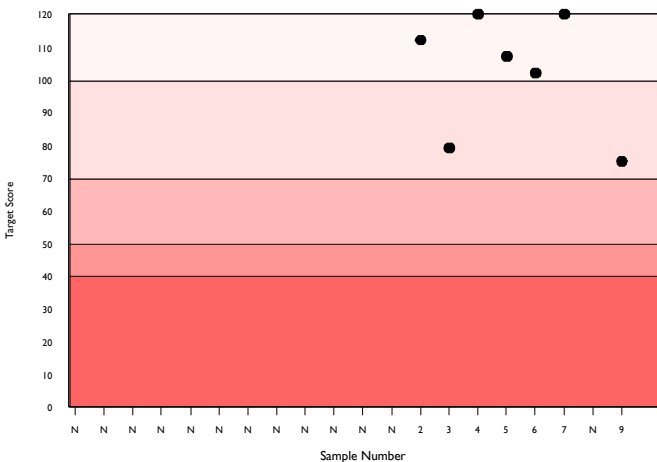
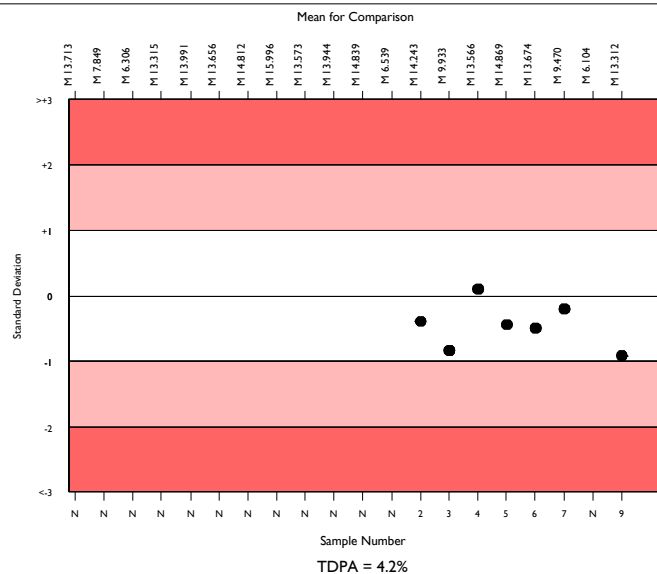
| | N | Mean | CV% | U _m | SDPA | Exc. |
|----------------------|------|--------|-----|----------------|------|------|
| All Methods | 8260 | 13.097 | 2.3 | 0.00 | 0.33 | 714 |
| Abbott Cell-Dyn Ruby | 369 | 13.312 | 1.5 | 0.01 | 0.34 | 40 |

| | | | |
|-----------------------|--------|--------|---------|
| ▲ Your Result | 13.000 | SDI | -0.92 |
| | | RMSDI | Too Few |
| ■ Mean for Comparison | 13.312 | TS | 75 |
| | | RMTS | Too Few |
| | | %DEV | -2.3 |
| | | RM%DEV | Too Few |

| | |
|---|-------|
| Acceptable limits derived from Biological Variation | N/A |
| Acceptable limits of performance for RIQAS | 4.20% |



| Method | N | Mean | CV% | U _m |
|---|------|--------|-----|----------------|
| Sysmex XN Series | 1928 | 13.153 | 1.2 | 0.00 |
| Sysmex XN-L Series (330/350/450/550) | 711 | 12.996 | 1.1 | 0.01 |
| Mindray BC-6000/6200/6600/6800/6800Plus | 434 | 13.186 | 1.1 | 0.01 |
| Abbott Cell-Dyn Ruby | 369 | 13.312 | 1.5 | 0.01 |
| Beckman Coulter DxH 600/800/900 Series | 367 | 12.910 | 1.1 | 0.01 |
| Sysmex XP Series | 353 | 12.976 | 1.7 | 0.02 |
| Mindray BC 1000/2000/3000 series | 294 | 13.062 | 2.8 | 0.03 |
| Nihon Kohden Celltac Alpha/plus | 273 | 13.387 | 2.2 | 0.02 |
| Sysmex XS series | 262 | 13.076 | 1.3 | 0.01 |
| Siemens/Bayer Advia 120/2120 | 259 | 13.346 | 1.6 | 0.02 |
| Calculated from HCT | 236 | 12.108 | 2.7 | 0.03 |
| Mindray BC 5100/5180/5300/5380/5390 | 172 | 13.085 | 2.1 | 0.03 |
| Manual Methods | 160 | 12.043 | 3.0 | 0.04 |
| Mindray BC 5000/5150/5140/5130/5120 | 143 | 13.029 | 1.5 | 0.02 |
| ABX Micros/Minos/ABC VET | 140 | 12.925 | 3.5 | 0.05 |
| Sysmex XT series | 133 | 13.149 | 1.0 | 0.01 |
| Mindray BC 10/20/30 | 131 | 13.233 | 2.1 | 0.03 |
| Beckman Coulter DxH 500 Series | 124 | 11.957 | 2.4 | 0.03 |
| Horiba Yumizen H500/ 550 | 107 | 12.996 | 1.1 | 0.02 |
| Horiba ABX Pentra 60/80/XLR | 108 | 13.018 | 1.5 | 0.02 |
| Sysmex KX 21 | 103 | 12.957 | 2.0 | 0.03 |

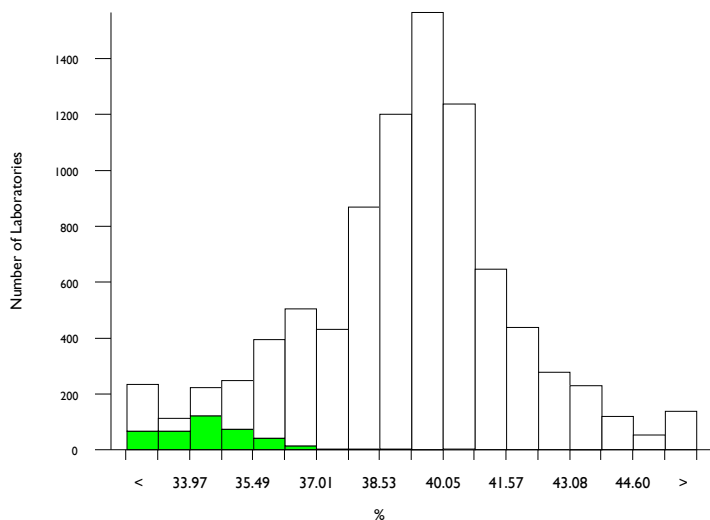


Haematocrit (HCT), %

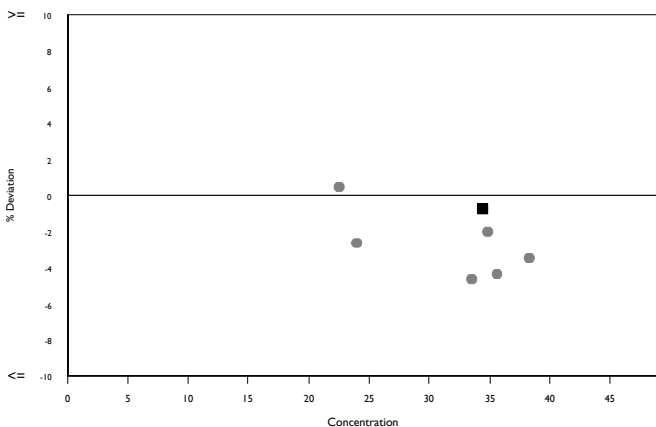
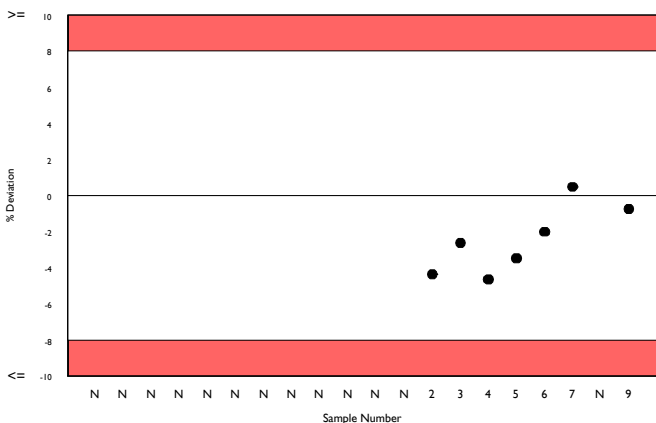
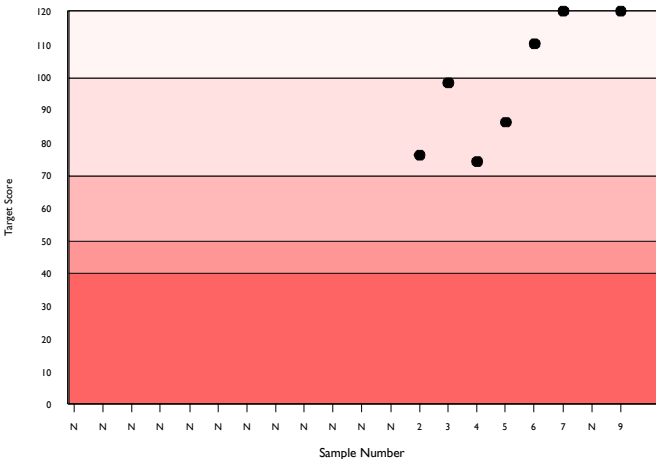
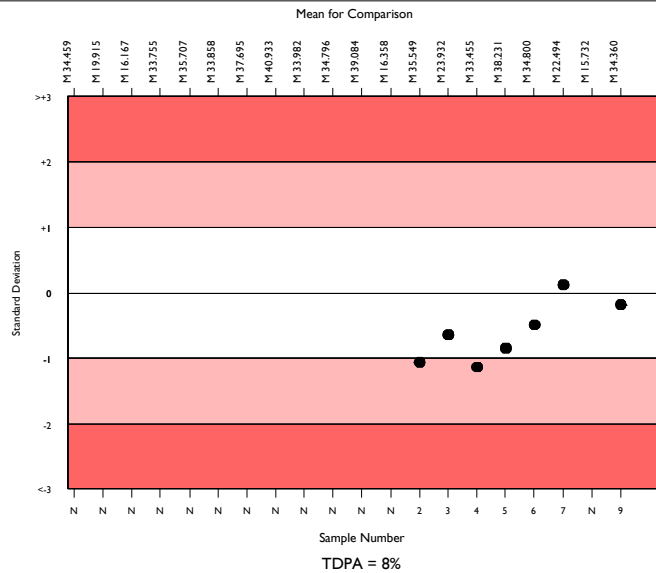
| | N | Mean | CV% | U _m | SDPA | Exc. |
|----------------------|------|--------|-----|----------------|------|------|
| All Methods | 8233 | 39.293 | 5.2 | 0.03 | 1.60 | 698 |
| Abbott Cell-Dyn Ruby | 370 | 34.360 | 2.9 | 0.06 | 1.40 | 30 |

| | | | |
|-----------------------|--------|--------|---------|
| ▲ Your Result | 34.100 | SDI | -0.19 |
| | | RMSDI | Too Few |
| ■ Mean for Comparison | 34.360 | TS | 120 |
| | | RMTS | Too Few |
| | | %DEV | -0.8 |
| | | RM%DEV | Too Few |

| | |
|---|-------|
| Acceptable limits derived from Biological Variation | N/A |
| Acceptable limits of performance for RIQAS | 8.00% |



| Method | N | Mean | CV% | U _m |
|---|------|--------|-----|----------------|
| Sysmex XN Series | 1899 | 39.596 | 2.3 | 0.03 |
| Sysmex XN-L Series (330/350/450/550) | 698 | 39.418 | 2.3 | 0.04 |
| Mindray BC-6000/6200/6600/6800/6800Plus | 427 | 42.888 | 2.1 | 0.06 |
| Abbott Cell-Dyn Ruby | 370 | 34.360 | 2.9 | 0.06 |
| Beckman Coulter DxH 600/800/900 Series | 356 | 40.054 | 1.5 | 0.04 |
| Sysmex XP Series | 348 | 37.175 | 2.8 | 0.07 |
| Mindray BC 1000/2000/3000 series | 288 | 39.728 | 3.2 | 0.09 |
| Nihon Kohden Celltac Alpha/plus | 277 | 40.149 | 3.3 | 0.10 |
| Microhematocrit Centrifugation | 262 | 36.567 | 2.3 | 0.06 |
| Sysmex XS series | 253 | 39.648 | 2.6 | 0.08 |
| Siemens/Bayer Advia 120/2120 | 260 | 35.153 | 2.9 | 0.08 |
| Manual Methods | 162 | 36.333 | 2.4 | 0.08 |
| Mindray BC 5100/5180/5300/5380/5390 | 165 | 41.296 | 2.6 | 0.11 |
| Mindray BC 5000/5150/5140/5130/5120 | 141 | 40.340 | 2.6 | 0.11 |
| ABX Micros/Minos/ABC VET | 136 | 38.602 | 3.6 | 0.15 |
| Sysmex XT series | 135 | 39.933 | 2.2 | 0.10 |
| Mindray BC 10/20/30 | 129 | 39.648 | 2.5 | 0.11 |
| Beckman Coulter DxH 500 Series | 127 | 39.259 | 3.1 | 0.13 |
| Horiba Yumizen H500/550 | 117 | 37.892 | 2.6 | 0.11 |
| Horiba ABX Pentra 60/80/XLR | 105 | 36.896 | 2.2 | 0.10 |
| Sysmex KX 21 | 100 | 37.460 | 3.4 | 0.16 |

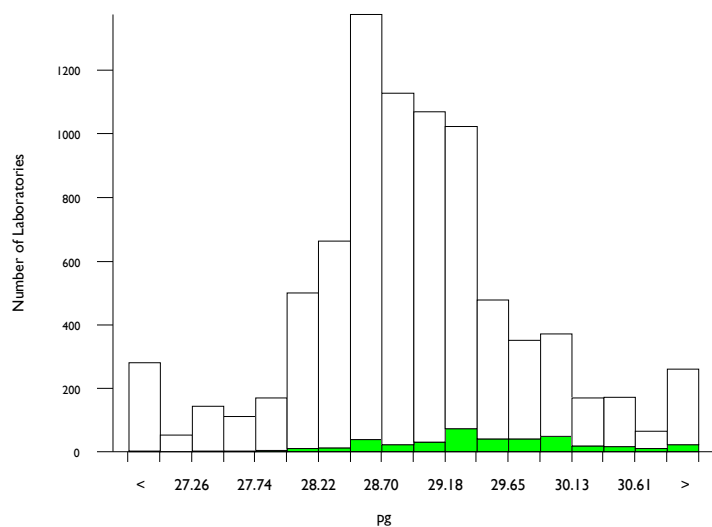


MCH, pg

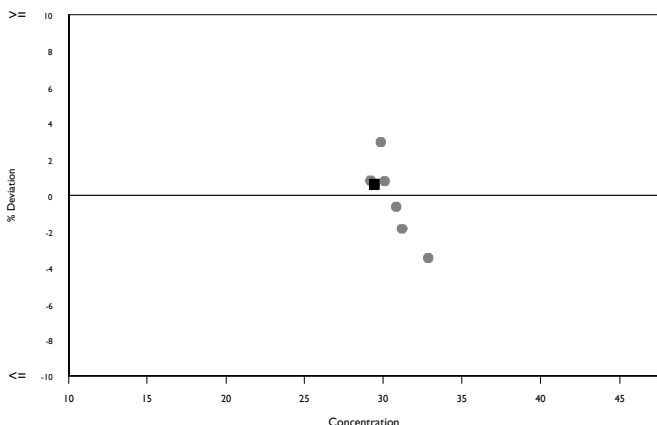
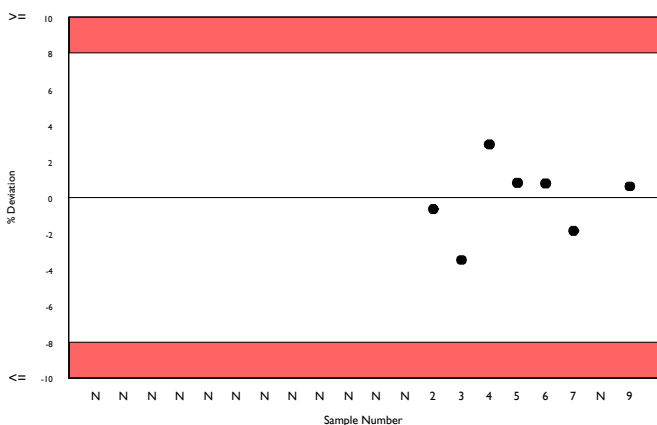
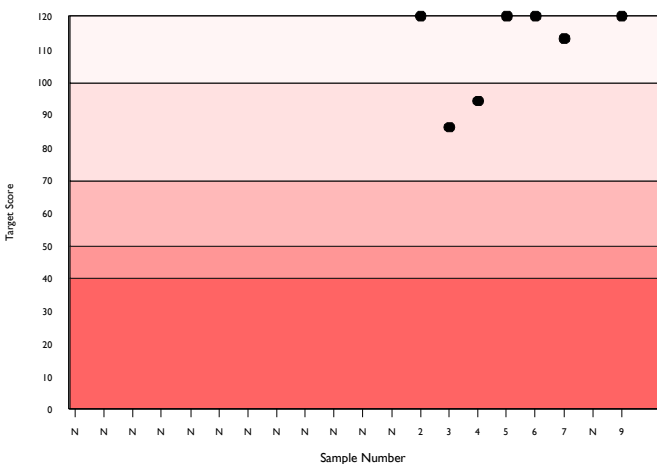
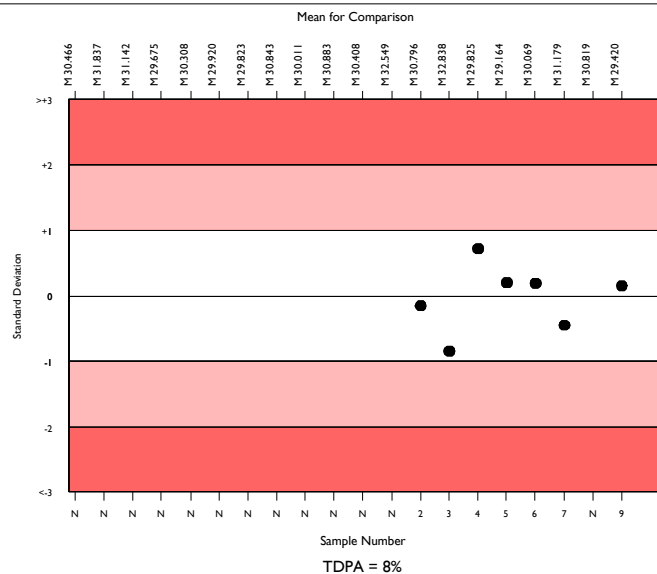
| | N | Mean | CV% | U _m | SDPA | Exc. |
|----------------------|------|--------|-----|----------------|------|------|
| All Methods | 7713 | 28.942 | 2.2 | 0.01 | 1.18 | 662 |
| Abbott Cell-Dyn Ruby | 372 | 29.420 | 2.3 | 0.04 | 1.20 | 27 |

| | | | |
|-----------------------|--------|--------|---------|
| ▲ Your Result | 29.600 | SDI | 0.15 |
| | | RMSDI | Too Few |
| ■ Mean for Comparison | 29.420 | TS | 120 |
| | | RMTS | Too Few |
| | | %DEV | 0.6 |
| | | RM%DEV | Too Few |

| | |
|---|-------|
| Acceptable limits derived from Biological Variation | N/A |
| Acceptable limits of performance for RIQAS | 8.00% |



| Method | N | Mean | CV% | U _m |
|---|------|--------|-----|----------------|
| Sysmex XN Series | 1878 | 28.835 | 1.3 | 0.01 |
| Sysmex XN-L Series (330/350/450/550) | 702 | 28.761 | 1.2 | 0.02 |
| Mindray BC-6000/6200/6600/6800/6800Plus | 432 | 28.939 | 1.5 | 0.03 |
| Abbott Cell-Dyn Ruby | 372 | 29.420 | 2.3 | 0.04 |
| Beckman Coulter DxH 600/800/900 Series | 361 | 28.774 | 1.5 | 0.03 |
| Sysmex XP Series | 341 | 28.817 | 2.0 | 0.04 |
| Mindray BC 1000/2000/3000 series | 286 | 28.622 | 2.9 | 0.06 |
| Nihon Kohden Celltac Alpha/plus | 274 | 29.301 | 2.9 | 0.06 |
| Sysmex XS series | 255 | 28.940 | 1.4 | 0.03 |
| Siemens/Bayer Advia 120/2120 | 250 | 29.769 | 1.9 | 0.04 |
| Mindray BC 5100/5180/5300/5380/5390 | 169 | 29.001 | 1.8 | 0.05 |
| Mindray BC 5000/5150/5140/5130/5120 | 137 | 29.050 | 2.0 | 0.06 |
| Sysmex XT series | 137 | 28.780 | 1.6 | 0.05 |
| Mindray BC 10/20/30 | 137 | 29.644 | 2.5 | 0.08 |
| ABX Micros/Minos/ABC VET | 134 | 28.616 | 3.7 | 0.11 |
| Beckman Coulter DxH 500 Series | 121 | 26.612 | 2.7 | 0.08 |
| Horiba Yumizen H500/ 550 | 116 | 28.751 | 2.0 | 0.07 |
| Horiba ABX Pentra 60/80/XLR | 101 | 28.872 | 1.5 | 0.06 |
| Sysmex KX 21 | 99 | 28.823 | 2.3 | 0.08 |
| Nihon Kohden Celltac E/Es | 91 | 28.894 | 1.8 | 0.07 |
| Boule Medonic/ Swelab 3-part diff | 91 | 29.764 | 1.8 | 0.07 |

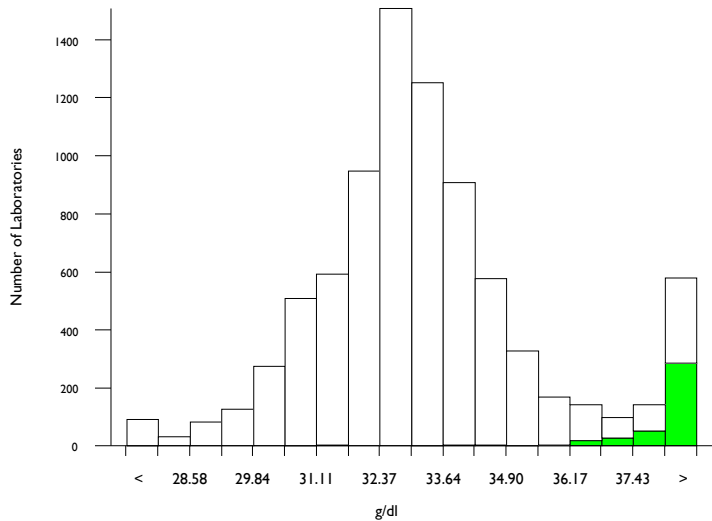


MCHC, g/dl

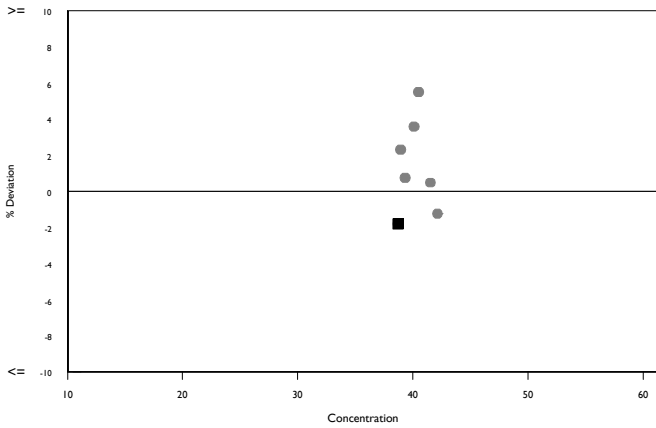
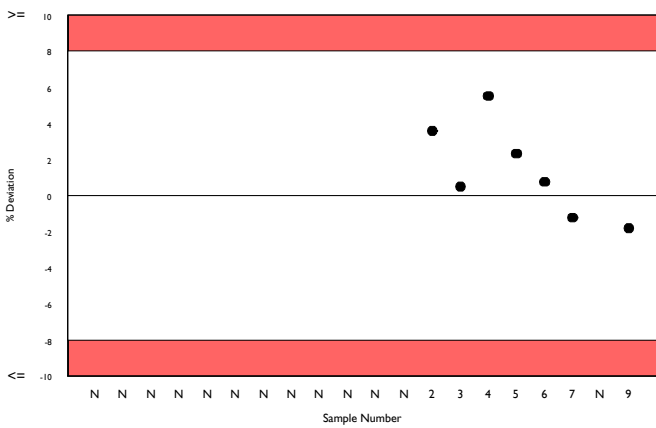
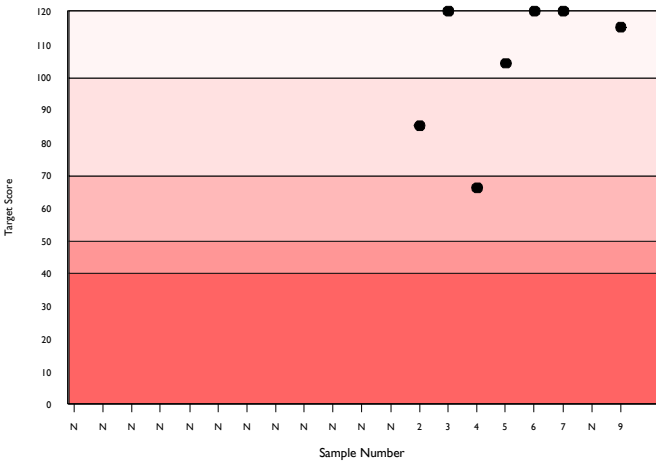
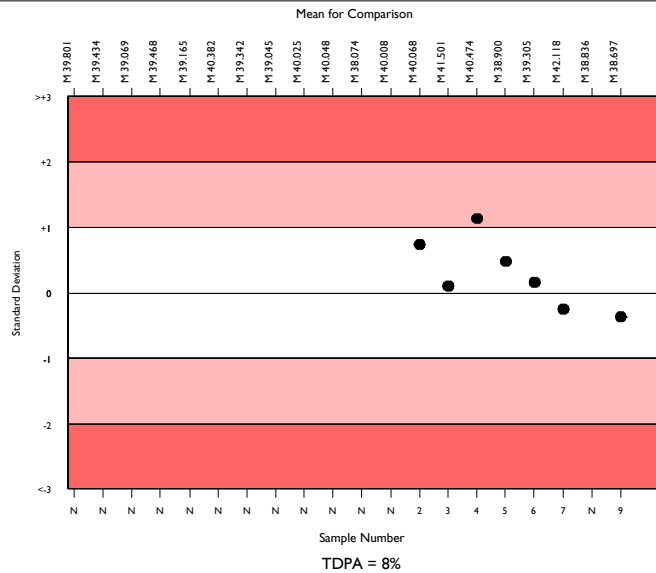
| | N | Mean | CV% | U _m | SDPA | Exc. |
|----------------------|------|--------|-----|----------------|------|------|
| All Methods | 7644 | 33.011 | 5.1 | 0.02 | 1.61 | 710 |
| Abbott Cell-Dyn Ruby | 361 | 38.697 | 2.8 | 0.07 | 1.88 | 37 |

| | | | |
|-----------------------|--------|--------|---------|
| ▲ Your Result | 38.000 | SDI | -0.37 |
| | | RMSDI | Too Few |
| ■ Mean for Comparison | 38.697 | TS | 115 |
| | | RMST | Too Few |
| | | %DEV | -1.8 |
| | | RM%DEV | Too Few |

| | |
|---|-------|
| Acceptable limits derived from Biological Variation | N/A |
| Acceptable limits of performance for RIQAS | 8.00% |



| Method | N | Mean | CV% | U _m |
|---|------|--------|-----|----------------|
| Sysmex XN Series | 1892 | 33.189 | 2.3 | 0.02 |
| Sysmex XN-L Series (330/350/450/550) | 692 | 32.972 | 2.1 | 0.03 |
| Mindray BC-6000/6200/6600/6800/6800Plus | 424 | 30.704 | 2.0 | 0.04 |
| Abbott Cell-Dyn Ruby | 361 | 38.697 | 2.8 | 0.07 |
| Beckman Coulter DxH 600/800/900 Series | 356 | 32.246 | 1.7 | 0.04 |
| Sysmex XP Series | 345 | 34.867 | 3.2 | 0.08 |
| Mindray BC 1000/2000/3000 series | 278 | 32.764 | 3.9 | 0.10 |
| Nihon Kohden Celltac Alpha/plus | 268 | 33.281 | 3.5 | 0.09 |
| Sysmex XS series | 248 | 32.979 | 2.3 | 0.06 |
| Siemens/Bayer Advia 120/2120 | 251 | 37.953 | 2.6 | 0.08 |
| Mindray BC 5100/5180/5300/5380/5390 | 171 | 31.689 | 3.2 | 0.10 |
| Mindray BC 5000/5150/5140/5130/5120 | 138 | 32.298 | 2.3 | 0.08 |
| Sysmex XT series | 136 | 32.887 | 2.5 | 0.09 |
| Mindray BC 10/20/30 | 128 | 33.320 | 2.6 | 0.10 |
| ABX Micros/Minos/ABC VET | 127 | 33.391 | 3.6 | 0.13 |
| Beckman Coulter DxH 500 Series | 119 | 30.520 | 3.5 | 0.12 |
| Horiba Yumizen H500/ 550 | 114 | 34.387 | 2.8 | 0.11 |
| Horiba ABX Pentra 60/80/XLR | 104 | 35.272 | 2.4 | 0.11 |
| Sysmex KX 21 | 100 | 34.475 | 3.7 | 0.16 |
| Nihon Kohden Celltac E/Es | 92 | 32.288 | 2.6 | 0.11 |
| Boule Medonic/ Swelab 3-part diff | 87 | 34.390 | 2.8 | 0.13 |

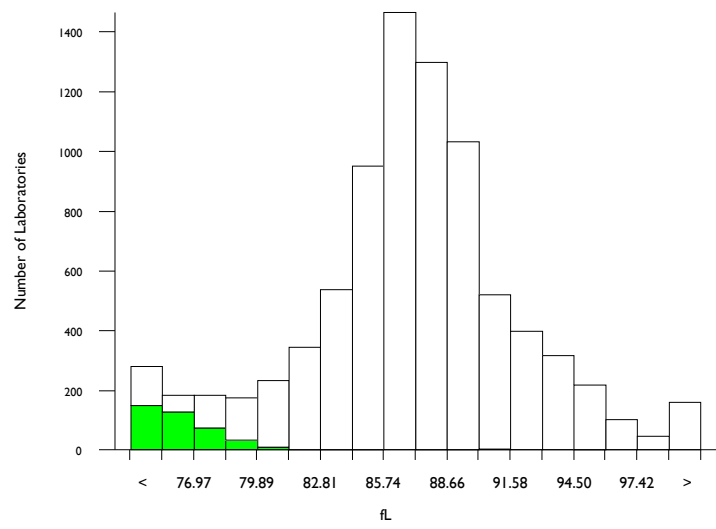


MCV, fL

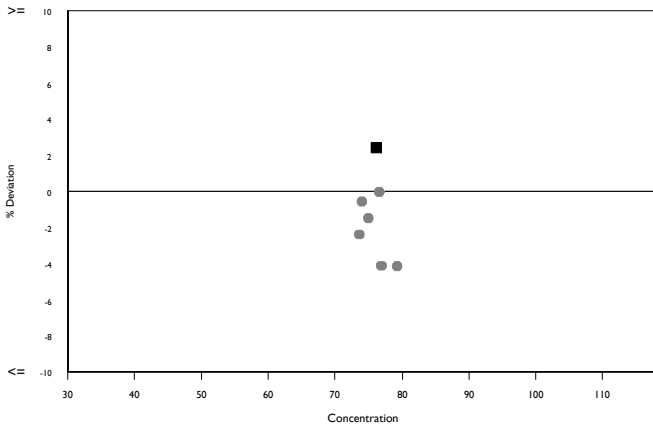
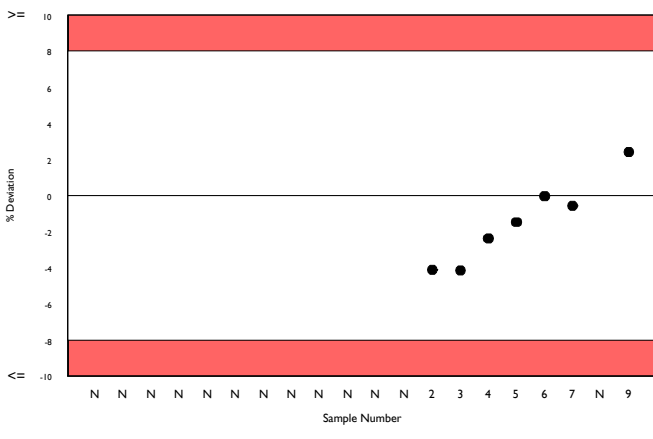
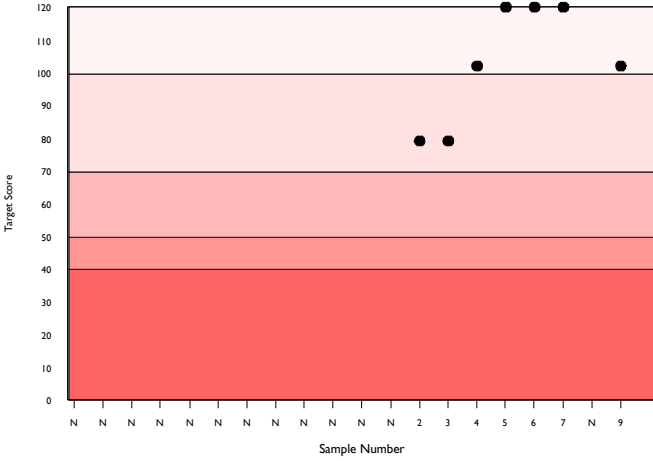
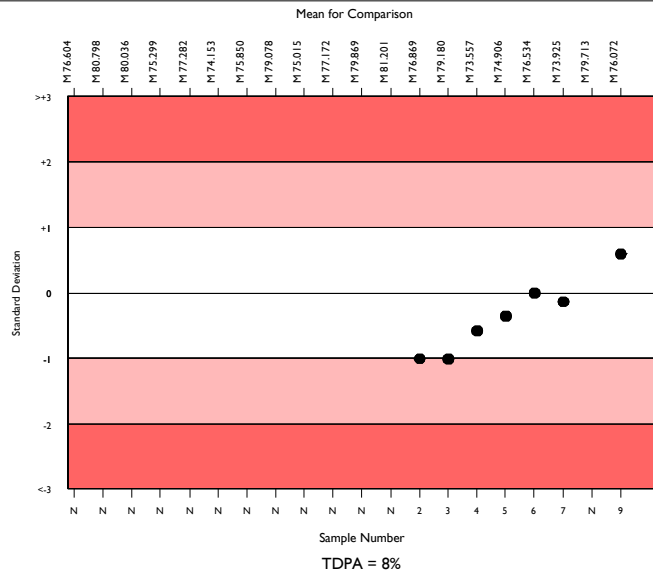
| | N | Mean | CV% | U _m | SDPA | Exc. |
|----------------------|------|--------|-----|----------------|------|------|
| All Methods | 7747 | 87.203 | 4.5 | 0.06 | 3.56 | 689 |
| Abbott Cell-Dyn Ruby | 369 | 76.072 | 2.3 | 0.11 | 3.11 | 31 |

| | | | |
|-----------------------|--------|--------|---------|
| ▲ Your Result | 77.900 | SDI | 0.59 |
| | | RMSDI | Too Few |
| ■ Mean for Comparison | 76.072 | TS | 102 |
| | | RMTS | Too Few |
| | | %DEV | 2.4 |
| | | RM%DEV | Too Few |

| | |
|---|-------|
| Acceptable limits derived from Biological Variation | N/A |
| Acceptable limits of performance for RIQAS | 8.00% |



| Method | N | Mean | CV% | U _m |
|---|------|--------|-----|----------------|
| Sysmex XN Series | 1880 | 86.766 | 2.0 | 0.05 |
| Sysmex XN-L Series (330/350/450/550) | 695 | 87.131 | 1.9 | 0.08 |
| Mindray BC-6000/6200/6600/6800/6800Plus | 420 | 94.089 | 1.5 | 0.09 |
| Abbott Cell-Dyn Ruby | 369 | 76.072 | 2.3 | 0.11 |
| Beckman Coulter DxH 600/800/900 Series | 357 | 89.228 | 1.1 | 0.07 |
| Sysmex XP Series | 348 | 82.657 | 2.5 | 0.14 |
| Mindray BC 1000/2000/3000 series | 291 | 87.495 | 3.0 | 0.19 |
| Nihon Kohden Celltac Alpha/plus | 278 | 87.746 | 2.9 | 0.19 |
| Sysmex XS series | 246 | 87.634 | 2.1 | 0.14 |
| Siemens/Bayer Advia 120/2120 | 253 | 78.542 | 2.2 | 0.14 |
| Mindray BC 5100/5180/5300/5380/5390 | 164 | 91.470 | 2.4 | 0.22 |
| Mindray BC 5000/5150/5140/5130/5120 | 137 | 89.991 | 2.0 | 0.19 |
| Sysmex XT series | 134 | 87.422 | 2.1 | 0.20 |
| ABX Micros/Minos/ABC VET | 129 | 85.727 | 2.5 | 0.23 |
| Mindray BC 10/20/30 | 130 | 89.044 | 2.2 | 0.22 |
| Beckman Coulter DxH 500 Series | 124 | 87.282 | 1.9 | 0.19 |
| Horiba Yumizen H500/ 550 | 114 | 83.598 | 2.1 | 0.21 |
| Horiba ABX Pentra 60/80/XLR | 101 | 81.796 | 1.9 | 0.20 |
| Sysmex KX 21 | 97 | 83.494 | 3.2 | 0.34 |
| Nihon Kohden Celltac E/Es | 94 | 89.406 | 2.7 | 0.31 |
| Boule Medonic/ Swelab 3-part diff | 89 | 86.241 | 2.3 | 0.26 |

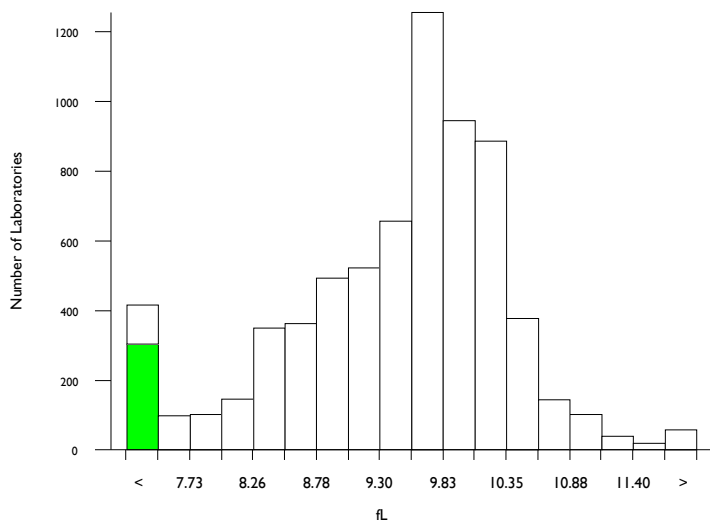


Mean Platelet Volume, fL

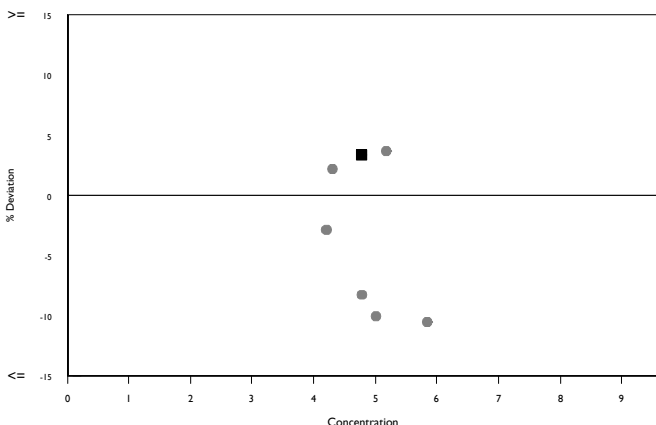
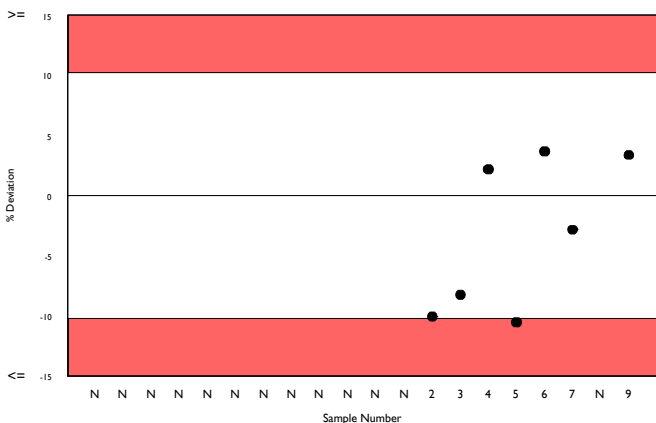
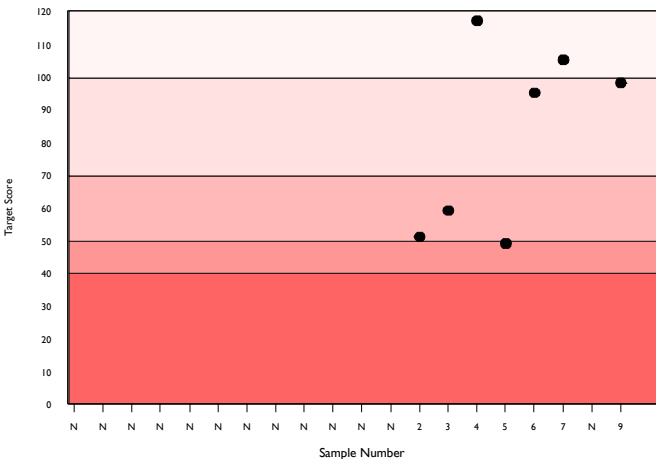
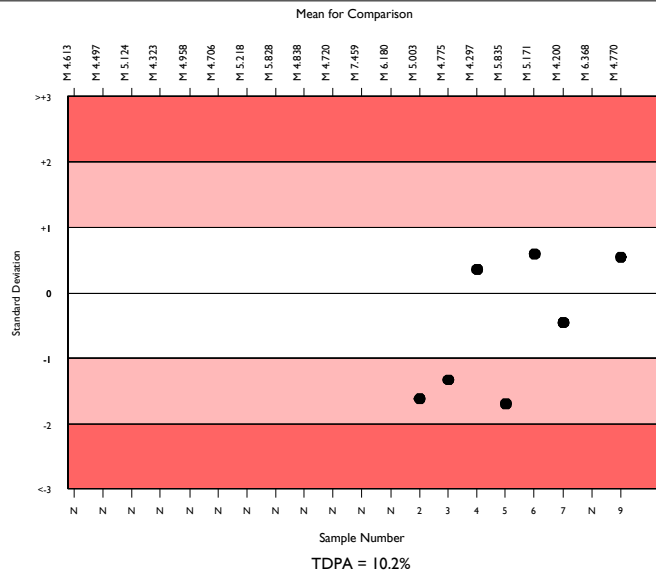
| | N | Mean | CV% | U _m | SDPA | Exc. |
|----------------------|------|-------|-----|----------------|------|------|
| All Methods | 6403 | 9.571 | 7.3 | 0.01 | 0.59 | 569 |
| Abbott Cell-Dyn Ruby | 281 | 4.770 | 7.4 | 0.03 | 0.30 | 27 |

| | | | |
|-----------------------|-------|--------|---------|
| ▲ Your Result | 4.930 | SDI | 0.54 |
| | | RMSDI | Too Few |
| ■ Mean for Comparison | 4.770 | TS | 98 |
| | | RMTS | Too Few |
| | | %DEV | 3.4 |
| | | RM%DEV | Too Few |

| | |
|---|--------|
| Acceptable limits derived from Biological Variation | N/A |
| Acceptable limits of performance for RIQAS | 10.20% |



| Method | N | Mean | CV% | U _m |
|---|------|--------|-----|----------------|
| Sysmex XN Series | 1604 | 9.830 | 2.4 | 0.01 |
| Sysmex XN-L Series (330/350/450/550) | 505 | 9.925 | 2.8 | 0.02 |
| Mindray BC-6000/6200/6600/6800/6800Plus | 390 | 10.356 | 3.9 | 0.03 |
| Sysmex XP Series | 291 | 9.502 | 2.9 | 0.02 |
| Beckman Coulter DxH 600/800/900 Series | 301 | 8.660 | 2.4 | 0.02 |
| Abbott Cell-Dyn Ruby | 281 | 4.770 | 7.4 | 0.03 |
| Mindray BC 1000/2000/3000 series | 272 | 9.135 | 5.8 | 0.04 |
| Nihon Kohden Celltac Alpha/plus | 239 | 8.578 | 5.0 | 0.03 |
| Sysmex XS series | 219 | 9.963 | 3.1 | 0.03 |
| Siemens/Bayer Advia 120/2120 | 187 | 10.539 | 5.2 | 0.05 |
| Mindray BC 5000/5150/5140/5130/5120 | 123 | 10.111 | 2.6 | 0.03 |
| Sysmex XT series | 122 | 9.647 | 3.0 | 0.03 |
| Mindray BC 5100/5180/5300/5380 | 111 | 9.001 | 3.0 | 0.03 |
| Mindray BC 10/20/30 | 107 | 9.772 | 2.5 | 0.03 |
| Beckman Coulter DxH 500 Series | 104 | 8.958 | 3.3 | 0.04 |
| Horiba Yumizen H500/ 550 | 98 | 10.261 | 4.2 | 0.05 |
| ABX Micros/Minos/ABC VET | 96 | 8.545 | 5.8 | 0.06 |
| Horiba ABX Pentra 60/80/XLR | 88 | 9.491 | 3.8 | 0.05 |
| Sysmex KX 21 | 82 | 9.343 | 3.5 | 0.05 |
| Nihon Kohden Celltac E/Es | 73 | 7.618 | 3.8 | 0.04 |
| Boule Medonic/ Swelab 3-part diff | 76 | 9.084 | 5.1 | 0.07 |

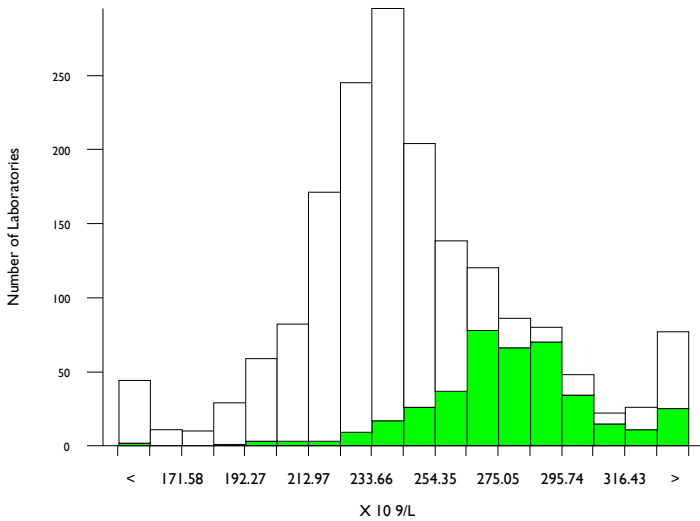


Platelets (Optical Count), X 10⁹/L

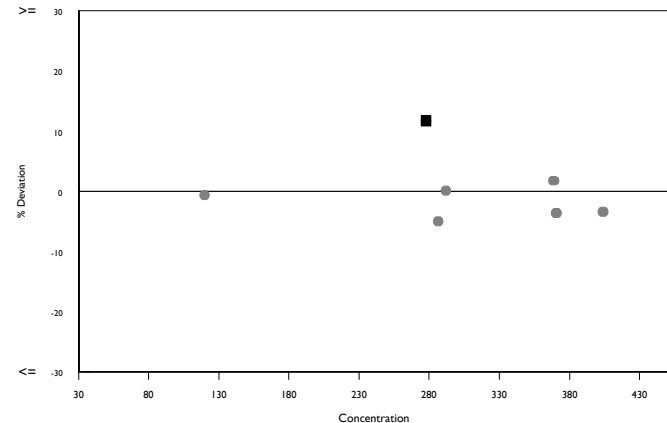
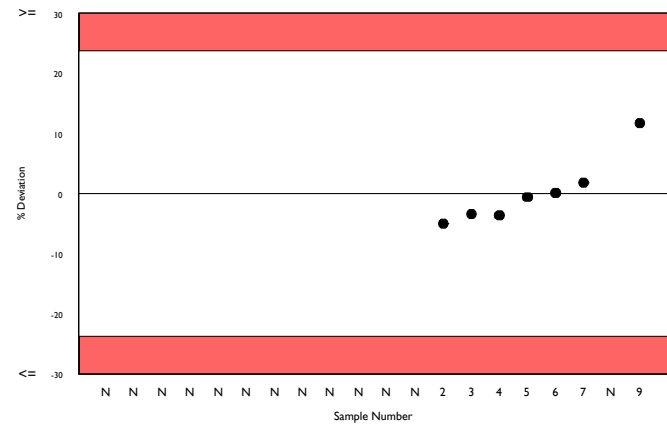
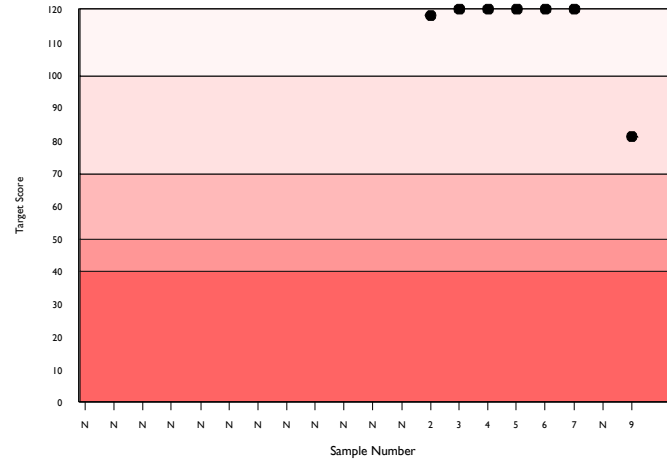
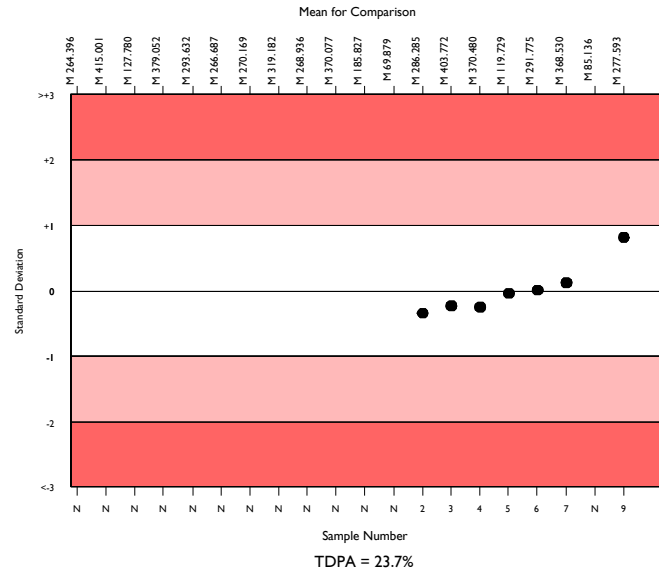
| | N | Mean | CV% | U _m | SDPA | Exc. |
|----------------------|------|---------|------|----------------|-------|------|
| All Methods | 1590 | 244.012 | 11.3 | 0.86 | 35.16 | 158 |
| Abbott Cell-Dyn Ruby | 368 | 277.593 | 7.6 | 1.37 | 40.00 | 32 |

| | | | |
|-----------------------|---------|--------|---------|
| ▲ Your Result | 310.000 | SDI | 0.81 |
| | | RMSDI | Too Few |
| ■ Mean for Comparison | 277.593 | TS | 81 |
| | | RMTS | Too Few |
| | | %DEV | 11.7 |
| | | RM%DEV | Too Few |

| | |
|---|--------|
| Acceptable limits derived from Biological Variation | N/A |
| Acceptable limits of performance for RIQAS | 23.70% |



| Method | N | Mean | CV% | U _m |
|---|-----|---------|------|----------------|
| Abbott Cell-Dyn Ruby | 368 | 277.593 | 7.6 | 1.37 |
| Manual Methods | 330 | 232.655 | 7.2 | 1.16 |
| Siemens/Bayer Advia 120/2120 | 253 | 214.957 | 7.3 | 1.24 |
| Sysmex XN Series PLT-O | 157 | 262.678 | 17.7 | 4.64 |
| Abbott Alinity iq | 75 | 250.507 | 3.9 | 1.42 |
| Mindray BC-6000/6200/6600/6800/6800Plus | 81 | 247.136 | 6.9 | 2.38 |
| Sysmex XN-L Series (330/350/450/550) | 67 | 233.037 | 5.5 | 1.97 |
| Sysmex XS Series | 54 | 233.981 | 5.2 | 2.05 |
| Sysmex XT Series | 26 | 237.019 | 5.5 | 3.21 |
| Beckman Coulter DxH 600/800/900 Series | 27 | 243.473 | 2.6 | 1.53 |
| Abbott Cell-Dyn 3200 | 23 | 248.587 | 8.2 | 5.29 |
| Horiba Yumizen H500/ 550 | 15 | 264.767 | 7.3 | 6.24 |
| Sysmex XN Series PLT-F | 13 | 232.154 | 4.5 | 3.66 |
| Abbott Cell-Dyn Sapphire | 12 | 253.833 | 8.2 | 7.53 |
| Beckman Coulter DxH 500 Series | 11 | 249.945 | 4.2 | 4.00 |
| Horiba ABX Pentra 60/80/XLR | 9 | 240.778 | 7.2 | 7.24 |
| Mindray BC-700 series | 9 | 246.833 | 3.7 | 3.79 |
| Sysmex KX21 | 8 | 234.375 | 13.2 | 13.65 |
| ABX Micros/Minos/ABC VET | 8 | 243.625 | 15.7 | 16.90 |
| UDIHEM-D | 7 | 237.143 | 5.1 | 5.74 |
| IDEXX ProCyte Dx Haematology Analyser | 5 | 276.800 | 17.7 | 27.45 |

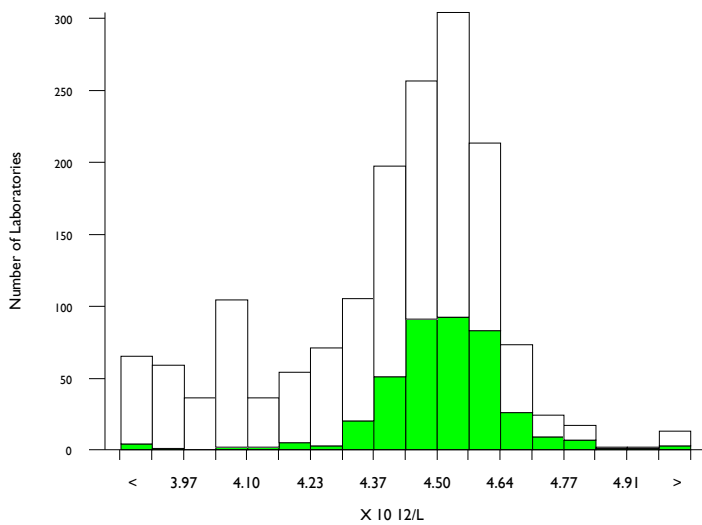


RBC (Optical Count), X 10¹²/L

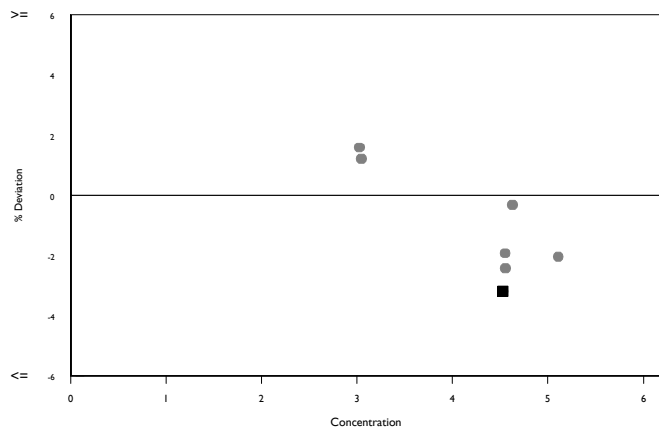
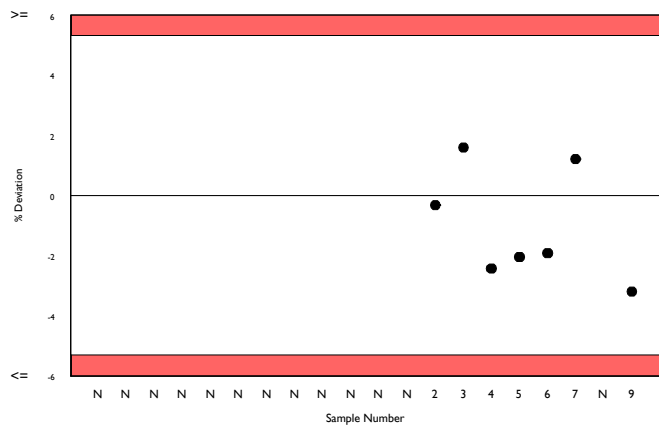
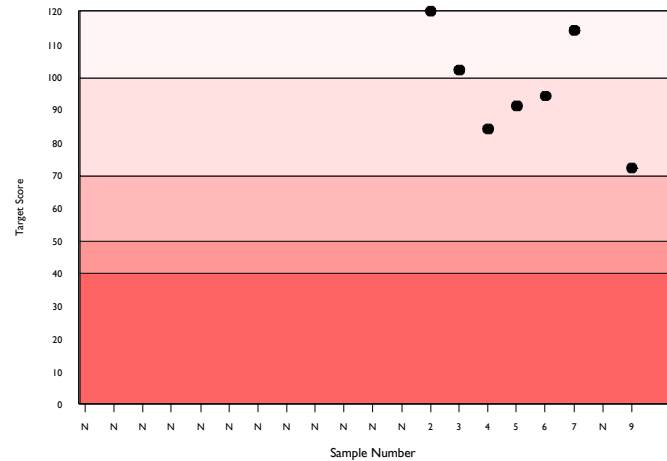
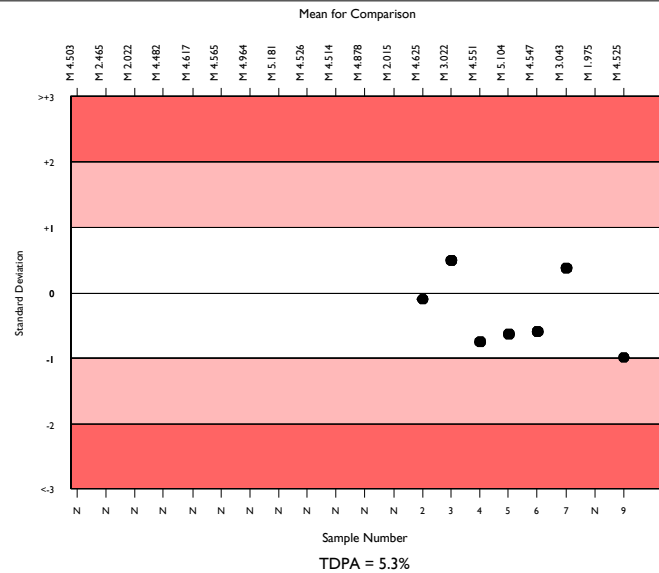
| | N | Mean | CV% | U _m | SDPA | Exc. |
|----------------------|------|-------|-----|----------------|------|------|
| All Methods | 1492 | 4.441 | 4.0 | 0.01 | 0.14 | 140 |
| Abbott Cell-Dyn Ruby | 370 | 4.525 | 2.0 | 0.01 | 0.15 | 31 |

| | | | |
|-----------------------|-------|--------|---------|
| ▲ Your Result | 4.380 | SDI | -0.99 |
| | | RMSDI | Too Few |
| ■ Mean for Comparison | 4.525 | TS | 72 |
| | | RMTS | Too Few |
| | | %DEV | -3.2 |
| | | RM%DEV | Too Few |

| | |
|---|-------|
| Acceptable limits derived from Biological Variation | N/A |
| Acceptable limits of performance for RIQAS | 5.30% |



| Method | N | Mean | CV% | U _m |
|---|-----|-------|------|----------------|
| Abbott Cell-Dyn Ruby | 370 | 4.525 | 2.0 | 0.01 |
| Manual Methods | 296 | 4.060 | 3.3 | 0.01 |
| Siemens/Bayer Advia 120/2120 | 255 | 4.471 | 2.2 | 0.01 |
| Sysmex XN Series | 197 | 4.528 | 1.9 | 0.01 |
| Abbott Alinity iq | 77 | 4.354 | 1.5 | 0.01 |
| Mindray BC-6000/6200/6600/6800/6800Plus | 61 | 4.539 | 2.3 | 0.02 |
| Sysmex XS Series | 55 | 4.534 | 1.7 | 0.01 |
| Sysmex XT Series | 31 | 4.515 | 3.3 | 0.03 |
| Beckman Coulter DxH 600/800/900 Series | 29 | 4.485 | 1.2 | 0.01 |
| Abbott Cell-Dyn 3200 | 24 | 4.520 | 2.5 | 0.03 |
| Horiba Yumizen H500/ 550 | 14 | 4.526 | 1.8 | 0.03 |
| Beckman Coulter DxH 500 Series | 11 | 4.462 | 4.1 | 0.07 |
| Horiba ABX Pentra 60/80/XLR | 10 | 4.492 | 2.5 | 0.04 |
| Sysmex KX21 | 9 | 4.476 | 1.6 | 0.03 |
| Abbott Cell-Dyn Sapphire | 8 | 4.524 | 1.6 | 0.03 |
| UDIHEM-D | 7 | 4.669 | 2.9 | 0.06 |
| ABX Micros/Minos/ABC VET | 6 | 4.505 | 10.0 | 0.23 |
| ABX Pentra 120/Nexus Series | 5 | 4.518 | 2.1 | 0.05 |
| Avantor Benesphera H-51 | 3 | 4.393 | 0.7 | 0.02 |
| Orphee Mythic 18 | 3 | 4.360 | 3.2 | 0.10 |
| Shenzhen Dymind DH36 | 2 | 4.680 | 4.2 | 0.17 |

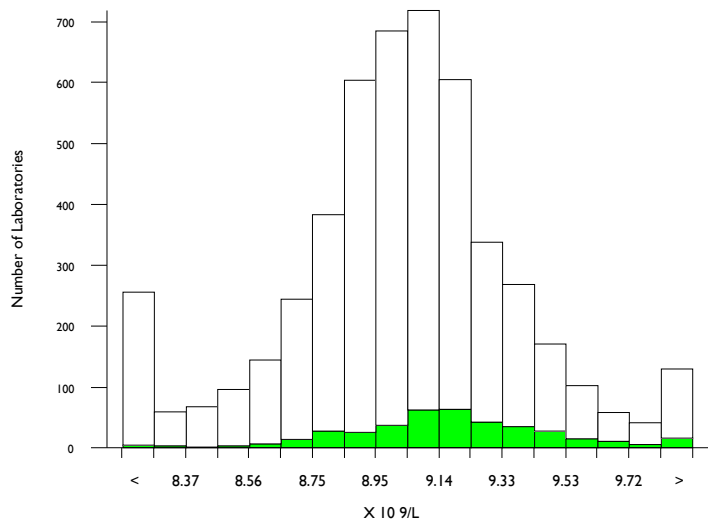


WBC (Optical Count), X 10⁹/L

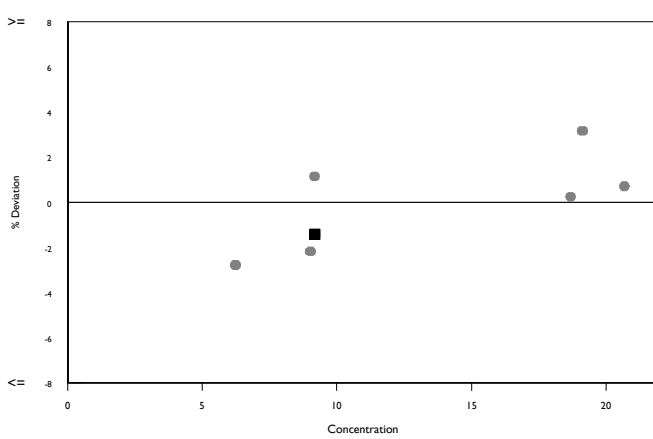
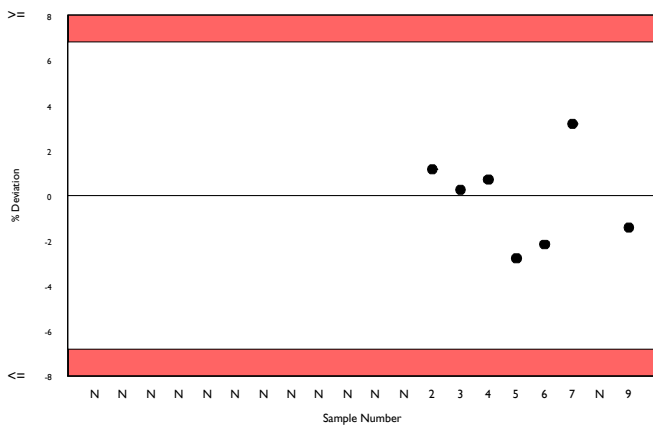
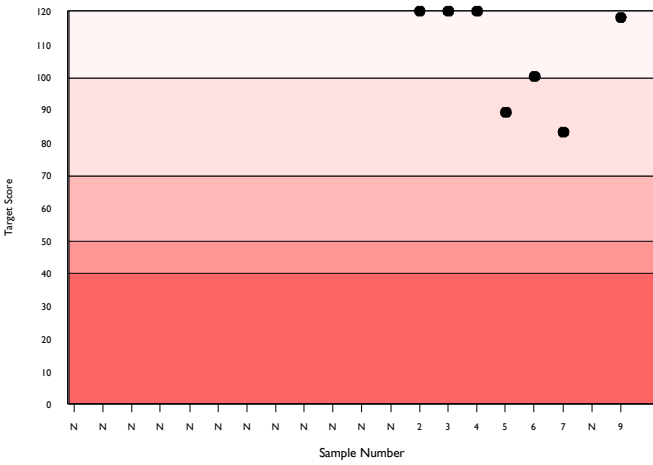
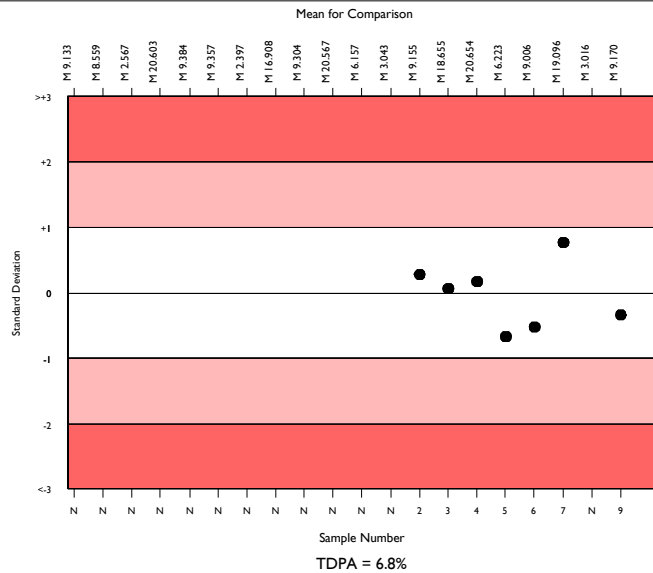
| | N | Mean | CV% | U _m | SDPA | Exc. |
|----------------------|------|-------|-----|----------------|------|------|
| All Methods | 4494 | 9.049 | 2.8 | 0.00 | 0.37 | 473 |
| Abbott Cell-Dyn Ruby | 374 | 9.170 | 2.8 | 0.02 | 0.38 | 28 |

| | | | |
|-----------------------|-------|--------|---------|
| ▲ Your Result | 9.040 | SDI | -0.34 |
| | | RMSDI | Too Few |
| ■ Mean for Comparison | 9.170 | TS | 118 |
| | | RMTS | Too Few |
| | | %DEV | -1.4 |
| | | RM%DEV | Too Few |

| | |
|---|-------|
| Acceptable limits derived from Biological Variation | N/A |
| Acceptable limits of performance for RIQAS | 6.80% |



| Method | N | Mean | CV% | U _m |
|---|------|-------|-----|----------------|
| Sysmex XN Series | 1747 | 9.039 | 1.9 | 0.01 |
| Sysmex XN-L Series (330/350/450/550) | 440 | 9.237 | 2.0 | 0.01 |
| Mindray BC-6000/6200/6600/6800/6800Plus | 420 | 8.853 | 2.1 | 0.01 |
| Manual methods | 379 | 9.080 | 5.1 | 0.03 |
| Abbott Cell-Dyn Ruby | 374 | 9.170 | 2.8 | 0.02 |
| Sysmex XS Series | 259 | 9.224 | 3.0 | 0.02 |
| Siemens/Bayer Advia 120/2120 | 249 | 8.630 | 3.1 | 0.02 |
| Sysmex XT Series | 135 | 9.139 | 2.9 | 0.03 |
| Mindray BC 5000/5150/5140/5130/5120 | 121 | 9.002 | 2.4 | 0.02 |
| Abbott Alinity hq | 74 | 8.986 | 2.1 | 0.03 |
| Mindray BC 5600/5800 | 54 | 9.191 | 3.6 | 0.06 |
| Beckman Coulter DxH 600/800/900 Series | 41 | 9.118 | 2.5 | 0.04 |
| Mindray BC-700 series | 32 | 9.268 | 2.9 | 0.06 |
| Abbott Cell-Dyn 3200 | 27 | 9.068 | 3.4 | 0.08 |
| Horiba Yumizen H500/ 550 | 21 | 8.594 | 4.4 | 0.10 |
| Beckman Coulter DxH 500 Series | 20 | 9.079 | 2.7 | 0.07 |
| Horiba ABX Pentra 60/80/XLR | 17 | 9.135 | 2.5 | 0.07 |
| Sysmex KX21 | 14 | 8.894 | 4.8 | 0.14 |
| Abbott Cell-Dyn Sapphire | 13 | 9.329 | 3.7 | 0.12 |
| Shenzhen Dymind DF50 | 10 | 9.128 | 2.2 | 0.08 |
| Mindray BC 5200/5500 | 7 | 9.171 | 2.4 | 0.10 |



| Analyte | Mean for Comparison | Your Result | SDI | RMSDI | %DEV | RM%DEV | TS | RMTS | Performance |
|---------------------------|---------------------|-------------|-------|---------|------|---------|-----|---------|-------------|
| Haemoglobin | 13.312 | 13.000 | -0.92 | Too Few | -2.3 | Too Few | 75 | Too Few | |
| Haematocrit (HCT) | 34.360 | 34.100 | -0.19 | Too Few | -0.8 | Too Few | 120 | Too Few | |
| MCH | 29.420 | 29.600 | 0.15 | Too Few | 0.6 | Too Few | 120 | Too Few | |
| MCHC | 38.697 | 38.000 | -0.37 | Too Few | -1.8 | Too Few | 115 | Too Few | |
| MCV | 76.072 | 77.900 | 0.59 | Too Few | 2.4 | Too Few | 102 | Too Few | |
| Mean Platelet Volume | 4.770 | 4.930 | 0.54 | Too Few | 3.4 | Too Few | 98 | Too Few | |
| Platelets (Optical Count) | 277.593 | 310.000 | 0.81 | Too Few | 11.7 | Too Few | 81 | Too Few | |
| RBC (Optical Count) | 4.525 | 4.380 | -0.99 | Too Few | -3.2 | Too Few | 72 | Too Few | |
| WBC (Optical Count) | 9.170 | 9.040 | -0.34 | Too Few | -1.4 | Too Few | 118 | Too Few | |

ORMSDI N/A

ORM%DEV N/A

ORMTS N/A

END OF REPORT