

Proteus Laboratories

- No ~~HA~~ performed, no sample received. See email
- Sample received 5/2. ~~Results~~ performed / calculated SPI.

5/2/2021

MONTHLY HAEMATOLOGY END OF CYCLE REPORT

CYCLE 13

Performance for cycle 13 generally acceptable



Authorised by: Stephen Doherty, RIQAS Manager

Issue No: 1

Issue Date: 23/01/2021

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Haemoglobin, g/dl

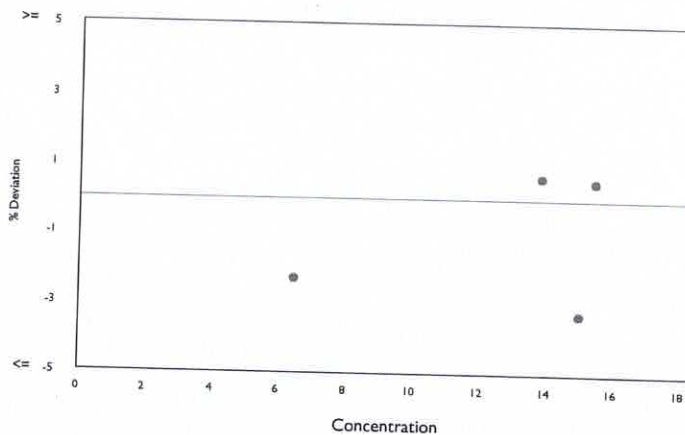
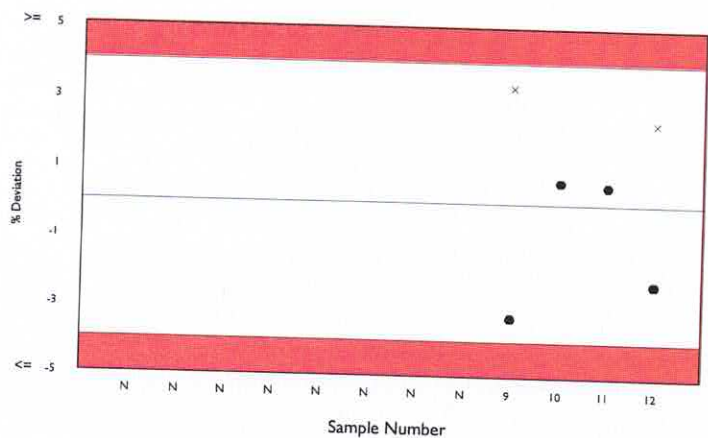
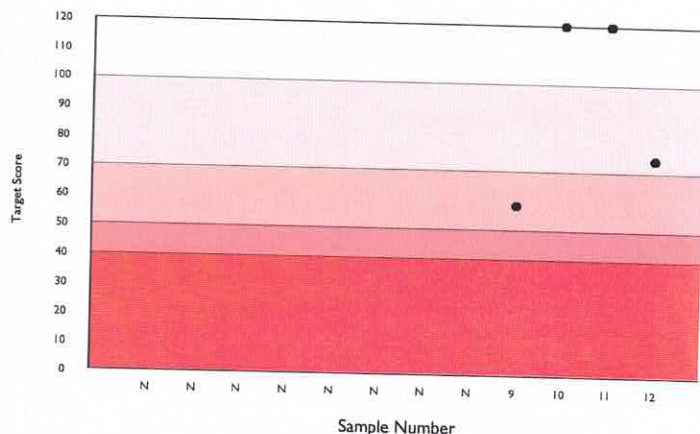
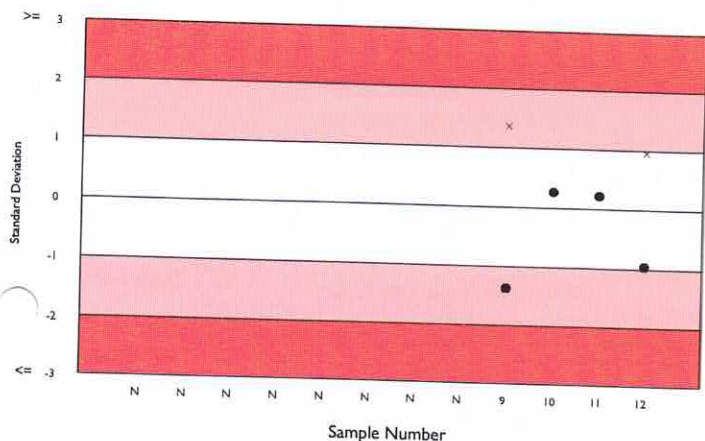
Method: Beckman Coulter Ac. T 5 series
Instrument: Beckman Coulter Ac. T 5 series
Reagent: Beckman Coulter

RIQAS TDPA: 4%

Biological Variation: N/A

| Sample | Result | Unit | N | Mean for Comparison | CV% | Um | SDPA | SDI | TS | %Deviation |
|--------|--------|------|----|---------------------|-----|------|------|-------|-----|------------|
| 1 | N/A | g/dl | 87 | M 14.738 | 1.2 | 0.02 | 0.37 | | | |
| 2 | N/A | g/dl | 88 | M 13.892 | 1.4 | 0.03 | 0.35 | | | |
| 3 | N/A | g/dl | 91 | M 6.405 | 1.5 | 0.01 | 0.16 | | | |
| 4 | N/A | g/dl | 80 | M 15.124 | 1.1 | 0.02 | 0.37 | | | |
| 5 | N/A | g/dl | 80 | M 6.287 | 1.2 | 0.01 | 0.15 | | | |
| 6 | N/A | g/dl | 85 | M 14.124 | 1.2 | 0.02 | 0.34 | | | |
| 7 | N/A | g/dl | 80 | M 13.371 | 1.1 | 0.02 | 0.33 | | | |
| 8 | N/A | g/dl | 77 | M 6.431 | 1.4 | 0.01 | 0.16 | | | |
| 9 | 14.500 | g/dl | 81 | M 14.997 | 1.3 | 0.03 | 0.36 | -1.36 | 58 | -3.32 |
| 10 | 13.900 | g/dl | 79 | M 13.812 | 1.1 | 0.02 | 0.34 | 0.26 | 120 | 0.64 |
| 11 | 15.500 | g/dl | 89 | M 15.419 | 1.5 | 0.03 | 0.37 | 0.22 | 120 | 0.52 |
| 12 | 6.300 | g/dl | 78 | M 6.450 | 1.5 | 0.01 | 0.16 | -0.96 | 74 | -2.33 |

| | Cycle 12 | Cycle 13 |
|------------------------------------|----------|----------|
| Cycle Average SDI | N/A | -0.46 |
| Cycle Average TS | N/A | 93 |
| Cycle Average %DEV | N/A | -1.12 |
| Cycle Average Absolute SDI | N/A | 0.70 |
| Cycle Average Absolute %DEV | N/A | 1.70 |



Haematocrit (HCT), %

Method: Beckman Coulter Ac. T 5 series
Instrument: Beckman Coulter Ac. T 5 series
Reagent: Beckman Coulter

RIQAS TDPA: 7.2%

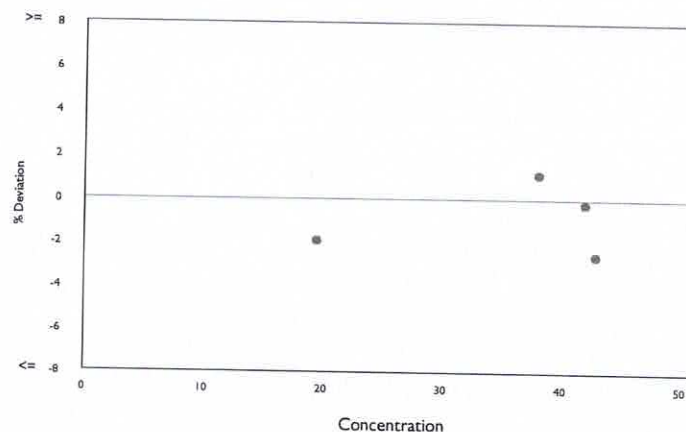
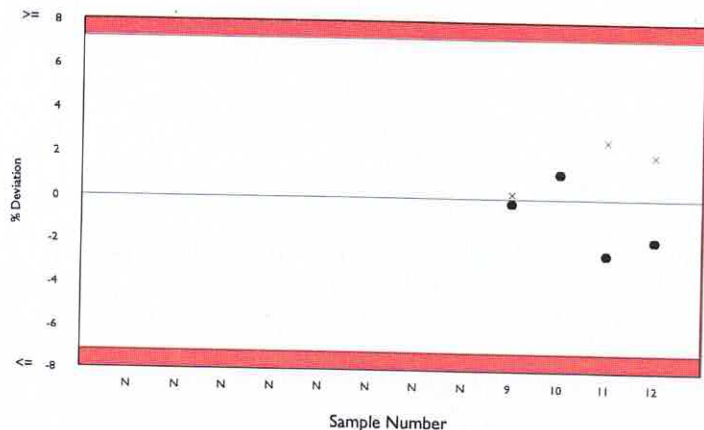
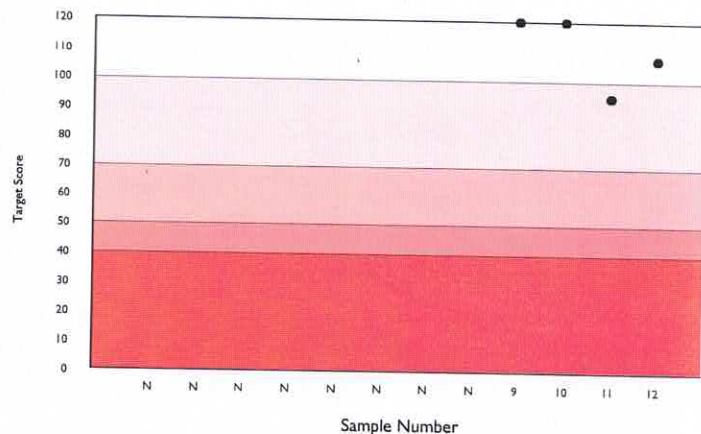
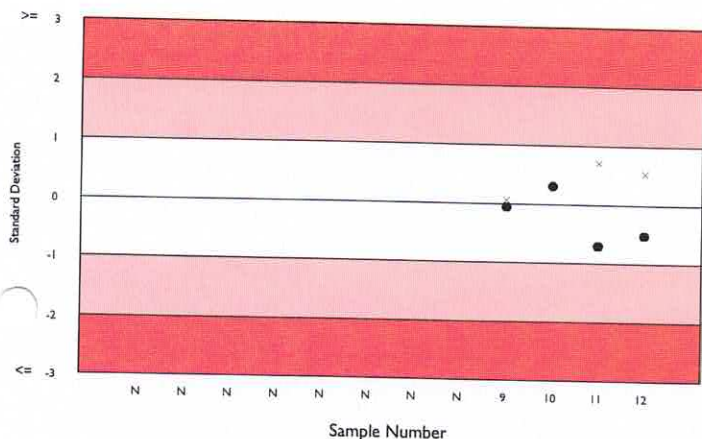
Biological Variation: N/A

| Sample | Result | Unit | N | Mean for Comparison | CV% | Um | SDPA | SDI | TS | %Deviation |
|--------|--------|------|----|---------------------|-----|------|------|-------|-----|------------|
| 1 | N/A | % | 89 | M 40.575 | 2.1 | 0.11 | 1.50 | | | |
| 2 | N/A | % | 82 | M 38.971 | 1.7 | 0.09 | 1.45 | | | |
| 3 | N/A | % | 86 | M 19.206 | 2.2 | 0.06 | 0.71 | | | |
| 4 | N/A | % | 81 | M 41.636 | 1.9 | 0.11 | 1.53 | | | |
| 5 | N/A | % | 83 | M 18.193 | 1.9 | 0.05 | 0.67 | | | |
| 6 | N/A | % | 84 | M 39.230 | 1.8 | 0.10 | 1.44 | | | |
| 7 | N/A | % | 82 | M 36.715 | 1.7 | 0.08 | 1.35 | | | |
| 8 | N/A | % | 75 | M 18.473 | 1.7 | 0.05 | 0.68 | | | |
| 9 | 41.800 | % | 81 | M 41.889 | 1.5 | 0.09 | 1.54 | -0.06 | 120 | -0.21 |
| 10 | 38.400 | % | 80 | M 37.969 | 1.5 | 0.08 | 1.39 | 0.31 | 120 | 1.14 |
| 11 | 41.700 | % | 82 | M 42.818 | 1.9 | 0.11 | 1.57 | -0.71 | 94 | -2.61 |
| 12 | 19.100 | % | 78 | M 19.480 | 1.9 | 0.05 | 0.72 | -0.53 | 107 | -1.95 |

Cycle 12 **Cycle 13**

Cycle Average SDI N/A -0.25
Cycle Average TS N/A 110
Cycle Average %DEV N/A -0.91

Cycle Average Absolute SDI N/A 0.40
Cycle Average Absolute %DEV N/A 1.48



MCH, pg

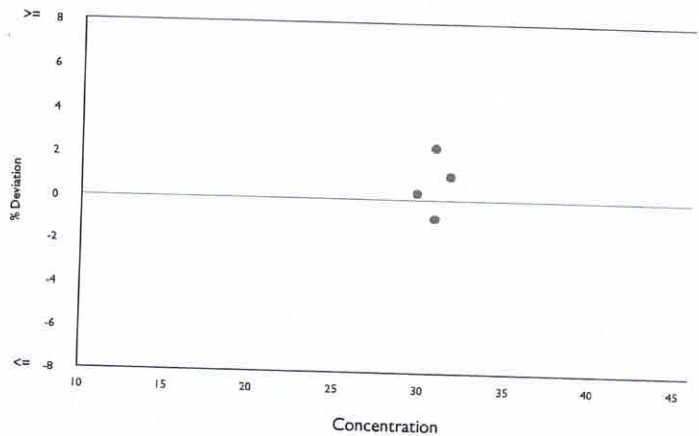
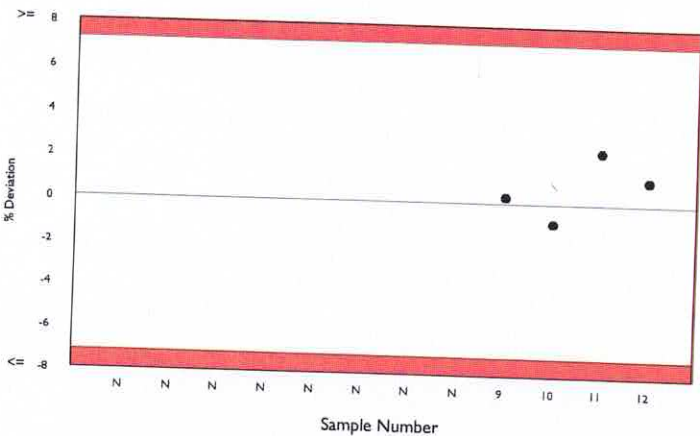
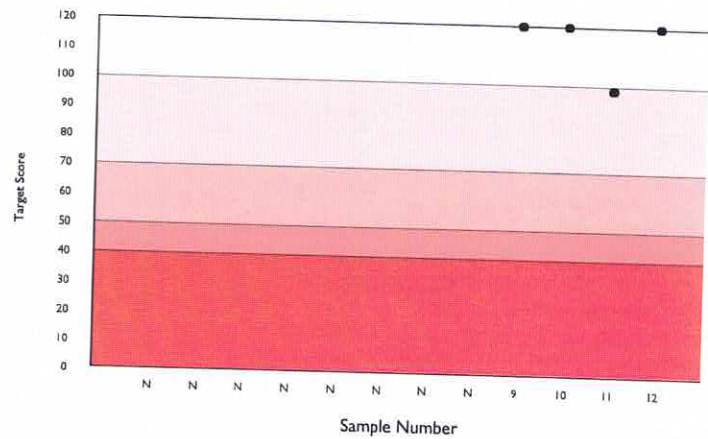
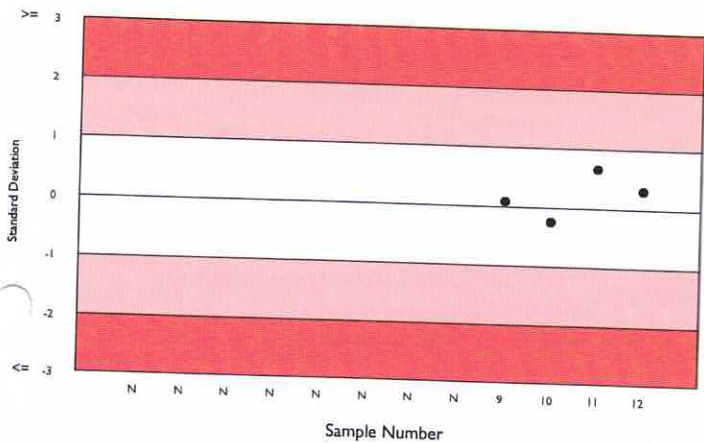
Method: Beckman Coulter Ac. T 5 series
Instrument: Beckman Coulter Ac. T 5 series
Reagent: Beckman Coulter

RIQAS TDPA: 7.2%

Biological Variation: N/A

| Sample | Result | Unit | N | Mean for Comparison | CV% | Um | SDPA | SDI | TS | %Deviation |
|--------|--------|------|----|---------------------|-----|------|------|-------|-----|------------|
| 1 | N/A | pg | 83 | M 30.057 | 1.3 | 0.05 | 0.94 | | | |
| 2 | N/A | pg | 87 | M 30.414 | 1.4 | 0.06 | 0.95 | | | |
| 3 | N/A | pg | 85 | M 31.116 | 1.6 | 0.07 | 1.12 | | | |
| 4 | N/A | pg | 84 | M 30.086 | 1.2 | 0.05 | 1.08 | | | |
| 5 | N/A | pg | 84 | M 30.663 | 1.5 | 0.06 | 1.10 | | | |
| 6 | N/A | pg | 78 | M 30.945 | 1.0 | 0.04 | 1.11 | | | |
| 7 | N/A | pg | 80 | M 29.546 | 1.4 | 0.06 | 1.06 | | | |
| 8 | N/A | pg | 81 | M 31.027 | 1.5 | 0.07 | 1.12 | | | |
| 9 | 29.800 | pg | 79 | M 29.711 | 1.2 | 0.05 | 1.07 | 0.08 | 120 | |
| 10 | 30.500 | pg | 81 | M 30.770 | 1.2 | 0.05 | 1.11 | -0.24 | 120 | -0.88 |
| 11 | 31.500 | pg | 86 | M 30.770 | 1.4 | 0.06 | 1.11 | 0.66 | 98 | 2.37 |
| 12 | 32.000 | pg | 80 | M 31.652 | 1.6 | 0.07 | 1.14 | 0.31 | 120 | 1.10 |

| | Cycle 12 | Cycle 13 |
|-----------------------------|----------|----------|
| Cycle Average SDI | N/A | 0.20 |
| Cycle Average TS | N/A | 115 |
| Cycle Average %DEV | N/A | 0.72 |
| Cycle Average Absolute SDI | N/A | 0.32 |
| Cycle Average Absolute %DEV | N/A | 1.16 |



MCHC, g/dl

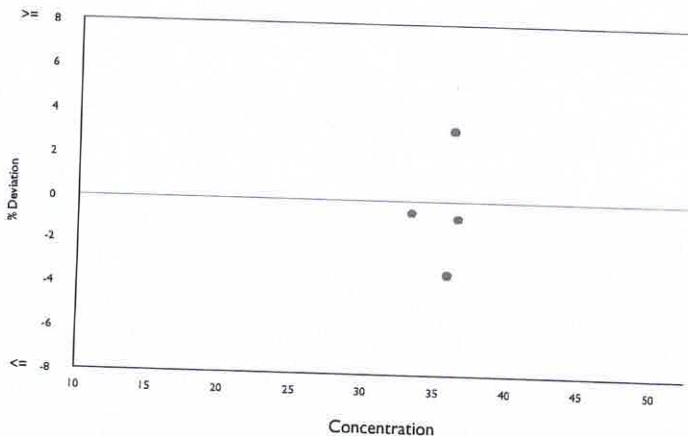
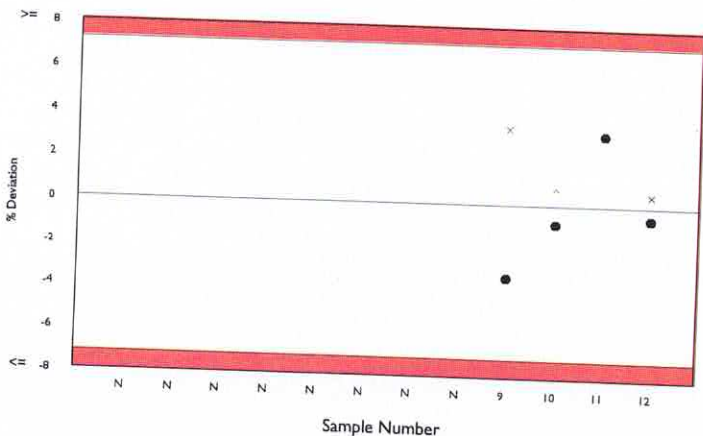
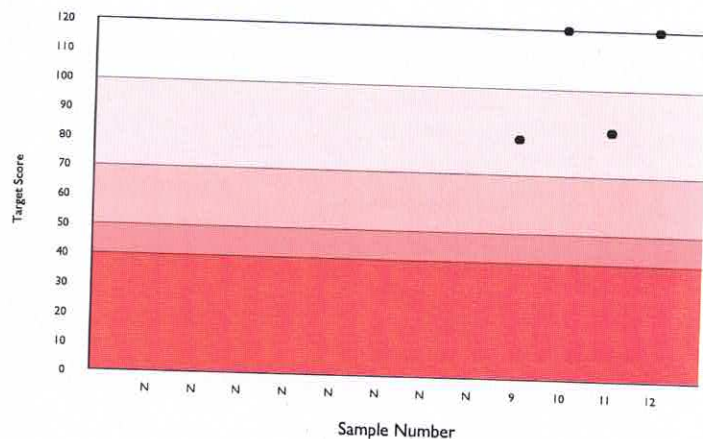
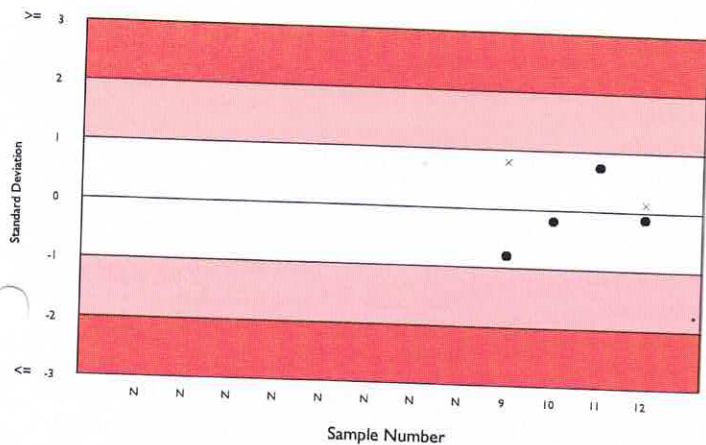
Method: Beckman Coulter Ac. T 5 series
Instrument: Beckman Coulter Ac. T 5 series
Reagent: Beckman Coulter

RIQAS TDPA: 7.2%

Biological Variation: N/A

| Sample | Result | Unit | N | Mean for Comparison | CV% | Um | SDPA | SDI | TS | %Deviation |
|--------|--------|------|----|---------------------|-----|------|------|-------|-----|------------|
| 1 | N/A | g/dl | 84 | M 36.386 | 1.6 | 0.08 | 1.35 | | | |
| 2 | N/A | g/dl | 83 | M 35.671 | 1.6 | 0.08 | 1.32 | | | |
| 3 | N/A | g/dl | 83 | M 33.392 | 1.9 | 0.09 | 1.46 | | | |
| 4 | N/A | g/dl | 82 | M 36.407 | 1.7 | 0.08 | 1.59 | | | |
| 5 | N/A | g/dl | 83 | M 34.677 | 1.8 | 0.09 | 1.52 | | | |
| 6 | N/A | g/dl | 81 | M 36.026 | 1.5 | 0.07 | 1.58 | | | |
| 7 | N/A | g/dl | 80 | M 36.511 | 1.6 | 0.08 | 1.60 | | | |
| 8 | N/A | g/dl | 76 | M 34.631 | 1.7 | 0.08 | 1.52 | | | |
| 9 | 34.500 | g/dl | 82 | M 35.737 | 1.4 | 0.07 | 1.56 | -0.79 | 82 | -3.46 |
| 10 | 36.100 | g/dl | 74 | M 36.404 | 1.1 | 0.06 | 1.59 | -0.19 | 120 | -0.83 |
| 11 | 37.200 | g/dl | 83 | M 36.039 | 1.6 | 0.08 | 1.58 | 0.74 | 85 | 3.22 |
| 12 | 33.000 | g/dl | 76 | M 33.184 | 1.5 | 0.07 | 1.45 | -0.13 | 120 | -0.55 |

| | Cycle 12 | Cycle 13 |
|-----------------------------|----------|----------|
| Cycle Average SDI | N/A | -0.09 |
| Cycle Average TS | N/A | 102 |
| Cycle Average %DEV | N/A | -0.41 |
| Cycle Average Absolute SDI | N/A | 0.46 |
| Cycle Average Absolute %DEV | N/A | 2.02 |



MCV, fL

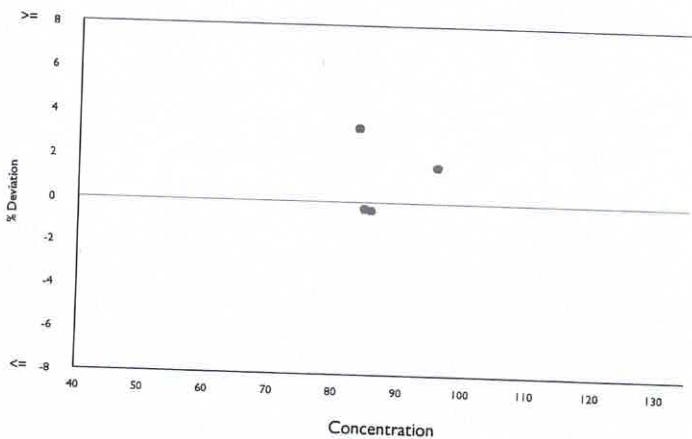
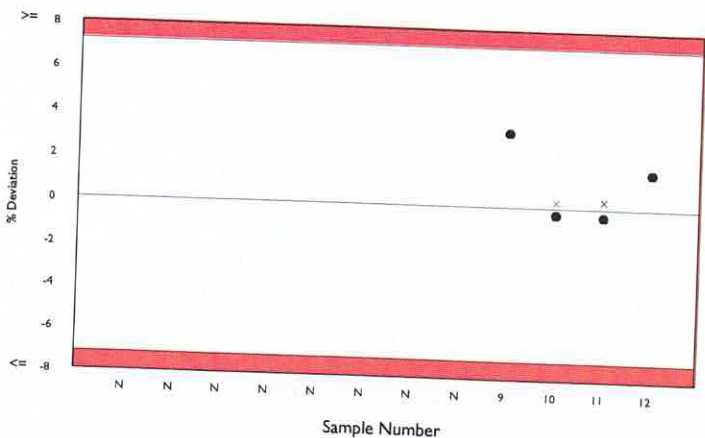
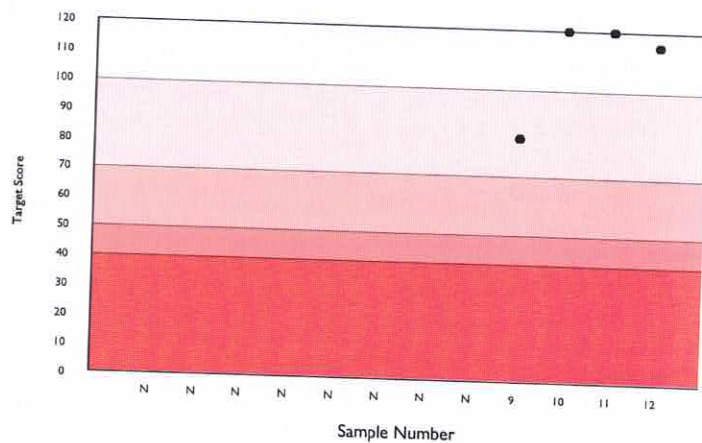
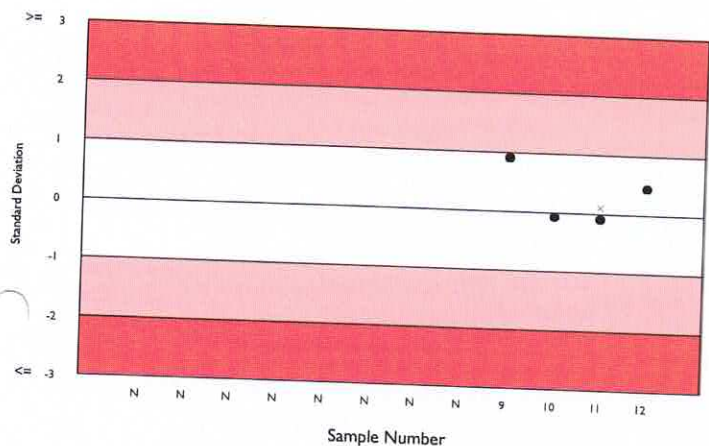
Method: Beckman Coulter Ac. T 5 series
Instrument: Beckman Coulter Ac. T 5 series
Reagent: Beckman Coulter

RIQAS TDPA: 7.2%

Biological Variation: N/A

| Sample | Result | Unit | N | Mean for Comparison | CV% | Um | SDPA | SDI | TS | %Deviation |
|--------|--------|------|----|---------------------|-----|------|------|-------|-----|------------|
| 1 | N/A | fL | 89 | M 82.567 | 1.5 | 0.16 | 2.57 | | | |
| 2 | N/A | fL | 82 | M 85.055 | 1.2 | 0.14 | 2.65 | | | |
| 3 | N/A | fL | 89 | M 93.499 | 2.4 | 0.29 | 3.43 | | | |
| 4 | N/A | fL | 81 | M 82.814 | 1.2 | 0.14 | 3.04 | | | |
| 5 | N/A | fL | 85 | M 88.564 | 2.1 | 0.25 | 3.25 | | | |
| 6 | N/A | fL | 84 | M 85.922 | 1.3 | 0.15 | 3.16 | | | |
| 7 | N/A | fL | 82 | M 80.968 | 1.3 | 0.15 | 2.97 | | | |
| 8 | N/A | fL | 76 | M 89.604 | 1.7 | 0.22 | 3.29 | | | |
| 9 | 86.000 | fL | 81 | M 83.210 | 1.6 | 0.19 | 3.06 | 0.91 | 83 | 3.35 |
| 10 | 84.000 | fL | 81 | M 84.245 | 1.5 | 0.17 | 3.09 | -0.08 | 120 | -0.29 |
| 11 | 85.000 | fL | 80 | M 85.305 | 1.3 | 0.16 | 3.13 | -0.10 | 120 | -0.36 |
| 12 | 97.000 | fL | 75 | M 95.445 | 1.7 | 0.24 | 3.51 | 0.44 | 115 | 1.63 |

| | | |
|------------------------------------|-----------------|-----------------|
| | Cycle 12 | Cycle 13 |
| Cycle Average SDI | N/A | 0.29 |
| Cycle Average TS | N/A | 110 |
| Cycle Average %DEV | N/A | 1.08 |
| Cycle Average Absolute SDI | N/A | 0.38 |
| Cycle Average Absolute %DEV | N/A | 1.41 |



Mean Platelet Volume, fL

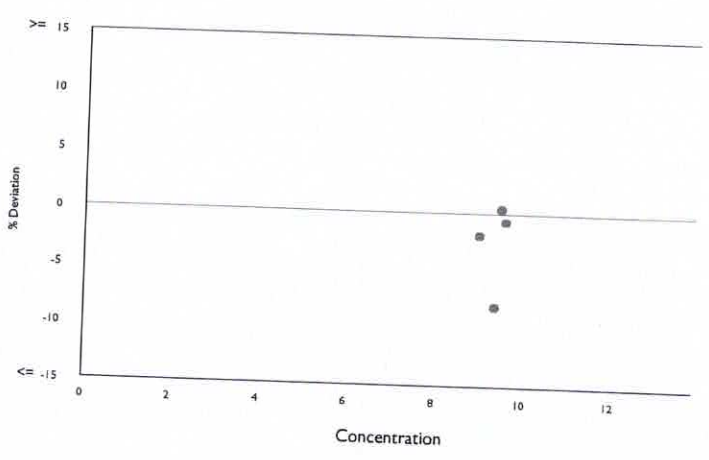
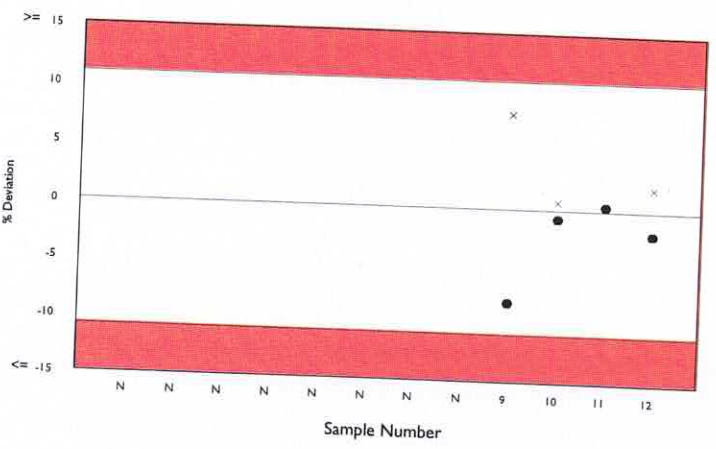
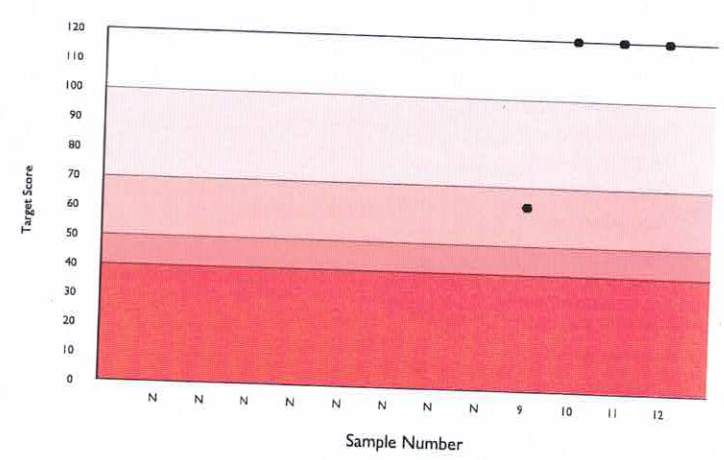
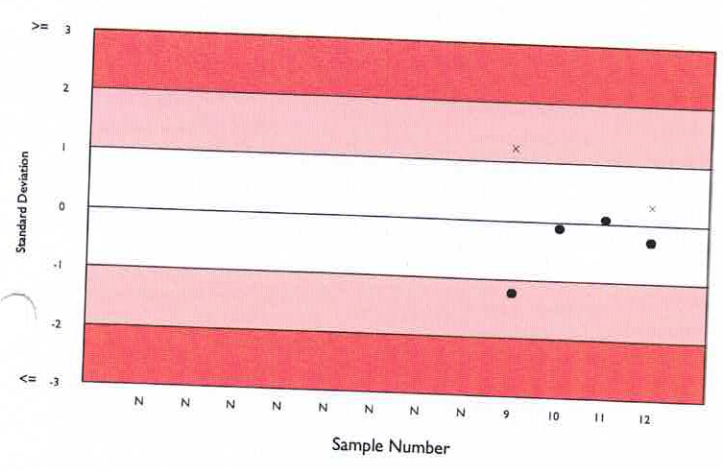
Method: Beckman Coulter Ac. T 5 series
Instrument: Beckman Coulter Ac. T 5 series
Reagent: Beckman Coulter

RIQAS TDPA: 10.9%

Biological Variation: N/A

| Sample | Result | Unit | N | Mean for Comparison | CV% | Um | SDPA | SDI | TS | %Deviation |
|--------|--------|------|----|---------------------|-----|------|------|-------|-----|------------|
| 1 | N/A | fL | 47 | M 9.433 | 3.1 | 0.05 | 0.62 | | | |
| 2 | N/A | fL | 43 | M 9.786 | 2.6 | 0.05 | 0.64 | | | |
| 3 | N/A | fL | 49 | M 9.081 | 3.1 | 0.05 | 0.60 | | | |
| 4 | N/A | fL | 44 | M 9.157 | 2.8 | 0.05 | 0.61 | | | |
| 5 | N/A | fL | 46 | M 8.658 | 4.0 | 0.06 | 0.57 | | | |
| 6 | N/A | fL | 44 | M 9.455 | 2.7 | 0.05 | 0.63 | | | |
| 7 | N/A | fL | 42 | M 9.429 | 2.9 | 0.05 | 0.62 | | | |
| 8 | N/A | fL | 42 | M 9.015 | 3.9 | 0.07 | 0.60 | | | |
| 9 | 8.600 | fL | 44 | M 9.360 | 3.3 | 0.06 | 0.62 | -1.22 | 63 | -8.12 |
| 10 | 9.500 | fL | 41 | M 9.569 | 3.0 | 0.06 | 0.63 | -0.11 | 120 | -0.72 |
| 11 | 9.500 | fL | 44 | M 9.461 | 3.4 | 0.06 | 0.63 | 0.06 | 120 | 0.41 |
| 12 | 8.800 | fL | 37 | M 8.977 | 3.6 | 0.07 | 0.59 | -0.30 | 120 | -1.97 |

| | Cycle 12 | Cycle 13 |
|-----------------------------|----------|----------|
| Cycle Average SDI | N/A | -0.39 |
| Cycle Average TS | N/A | 106 |
| Cycle Average %DEV | N/A | -2.60 |
| Cycle Average Absolute SDI | N/A | 0.42 |
| Cycle Average Absolute %DEV | N/A | 2.80 |



Plateletcrit, %

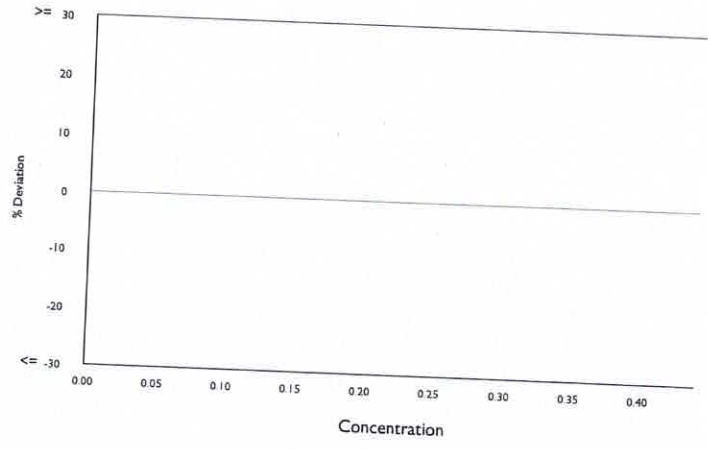
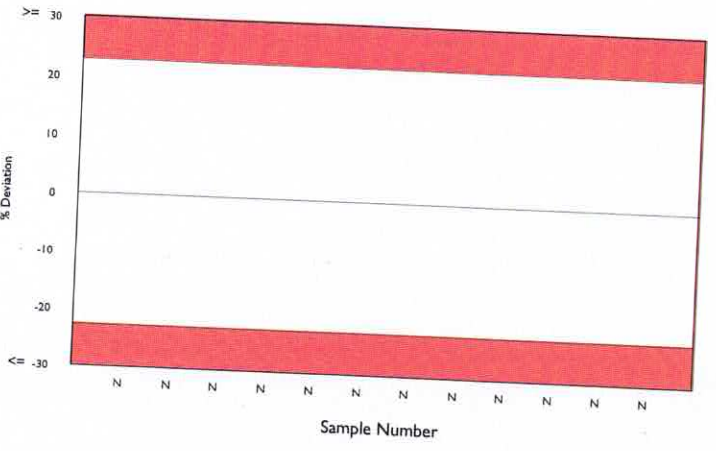
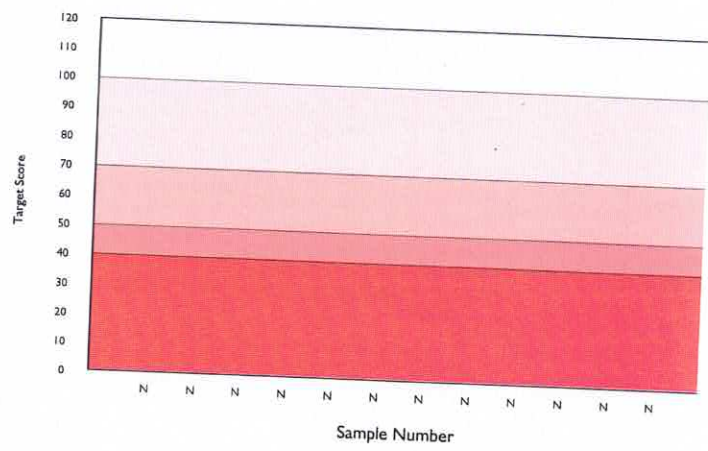
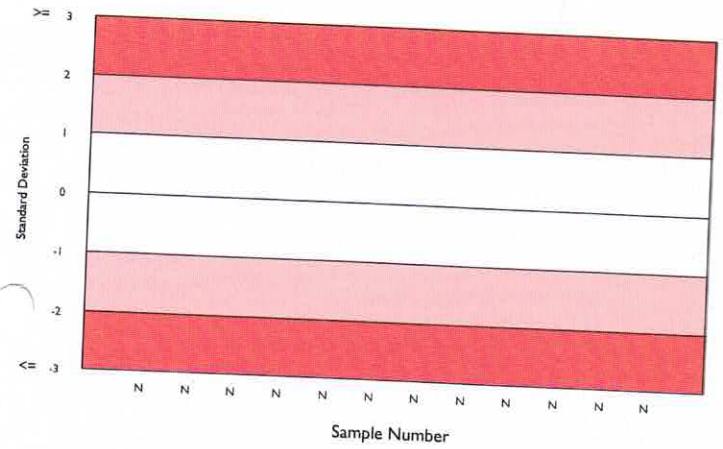
Method: Beckman Coulter Ac. T 5 series
Instrument: Beckman Coulter Ac. T 5 series
Reagent: Beckman Coulter

RIQAS TDPA: 22.8%

Biological Variation: N/A

| Sample | Result | Unit | N | Mean for Comparison | CV% | Um | SDPA | SDI | TS | %Deviation |
|--------|-----------|------|------|---------------------|------|------|------|-----|----|------------|
| 1 | N/A | % | 2536 | A 0.389 | 12.3 | 0.00 | 0.05 | | | |
| 2 | N/A | % | 2597 | A 0.227 | 12.0 | 0.00 | 0.03 | | | |
| 3 | N/A | % | 2705 | A 0.121 | 11.3 | 0.00 | 0.02 | | | |
| 4 | N/A | % | 2632 | A 0.364 | 13.2 | 0.00 | 0.05 | | | |
| 5 | N/A | % | 2524 | A 0.113 | 12.1 | 0.00 | 0.02 | | | |
| 6 | N/A | % | 2528 | A 0.234 | 11.7 | 0.00 | 0.03 | | | |
| 7 | N/A | % | 2753 | A 0.223 | 12.0 | 0.00 | 0.03 | | | |
| 8 | N/A | % | 2848 | A 0.115 | 12.4 | 0.00 | 0.02 | | | |
| 9 | No Result | % | 2823 | A 0.206 | 11.7 | 0.00 | 0.03 | | | |
| 10 | No Result | % | 2771 | A 0.222 | 12.1 | 0.00 | 0.03 | | | |
| 11 | No Result | % | 2807 | A 0.384 | 12.1 | 0.00 | 0.03 | | | |
| 12 | No Result | % | 2814 | A 0.114 | 12.0 | 0.00 | 0.02 | | | |

| | | |
|------------------------------------|-----------------|-----------------|
| | Cycle 12 | Cycle 13 |
| Cycle Average SDI | N/A | N/A |
| Cycle Average TS | N/A | N/A |
| Cycle Average %DEV | N/A | N/A |
| Cycle Average Absolute SDI | N/A | N/A |
| Cycle Average Absolute %DEV | N/A | N/A |



Platelets (Optical Count), X 10⁹/L

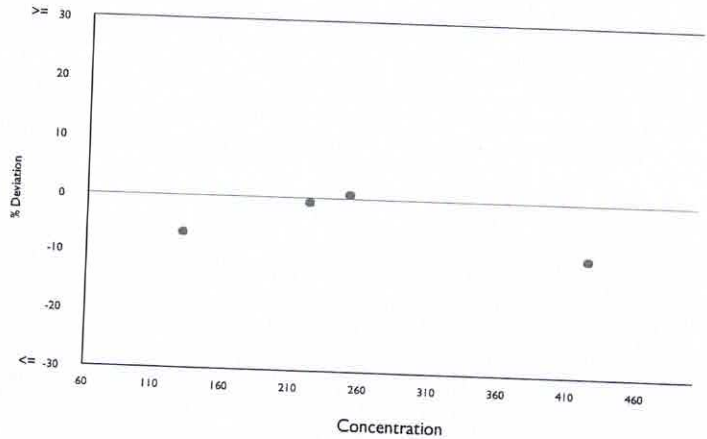
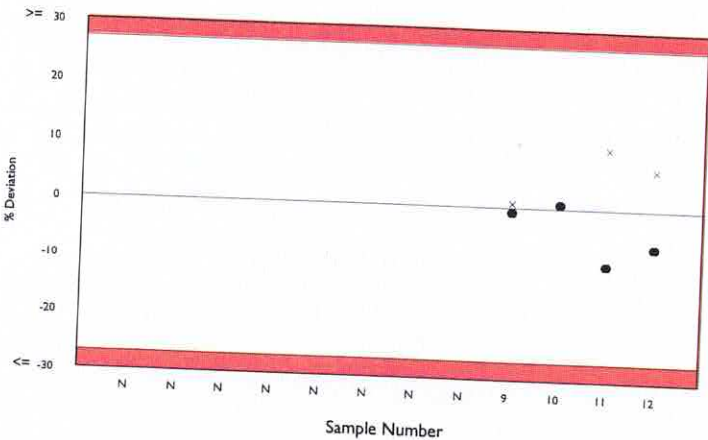
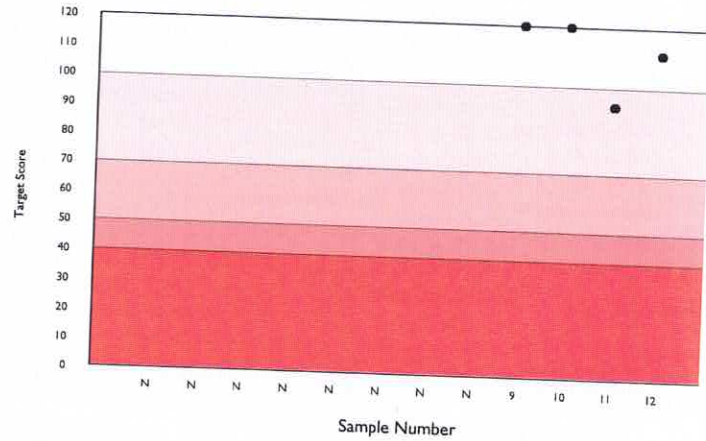
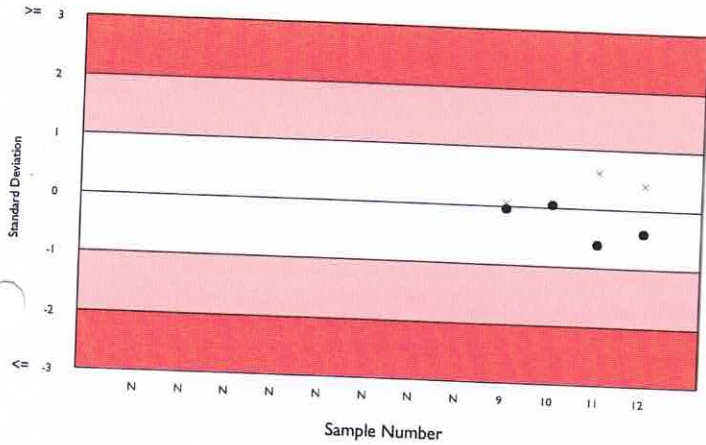
Method: Beckman Coulter Ac. T 5 series
Instrument: Beckman Coulter Ac. T 5 series
Reagent: Beckman Coulter

RIQAS TDPA: 27%

Biological Variation: N/A

| Sample | Result | Unit | N | Mean for Comparison | CV% | Um | SDPA | SDI | TS | %Deviation |
|--------|---------|----------------------|---|---------------------|-----|-------|-------|-------|-----|------------|
| 1 | N/A | X 10 ⁹ /L | 6 | M 443.000 | 4.7 | 10.57 | 74.06 | | | |
| 2 | N/A | X 10 ⁹ /L | 7 | M 238.143 | 3.6 | 4.10 | 39.81 | | | |
| 3 | N/A | X 10 ⁹ /L | 6 | M 135.833 | 3.4 | 2.38 | 22.30 | | | |
| 4 | N/A | X 10 ⁹ /L | 6 | M 415.833 | 5.8 | 12.24 | 68.26 | | | |
| 5 | N/A | X 10 ⁹ /L | 5 | M 136.600 | 1.0 | 0.75 | 22.42 | | | |
| 6 | N/A | X 10 ⁹ /L | 5 | M 253.000 | 6.4 | 8.99 | 41.53 | | | |
| 7 | N/A | X 10 ⁹ /L | 5 | M 251.600 | 3.2 | 4.52 | 41.30 | | | |
| 8 | N/A | X 10 ⁹ /L | 4 | M 143.500 | 4.2 | 3.73 | 23.56 | | | |
| 9 | 219.000 | X 10 ⁹ /L | 6 | M 220.667 | 4.2 | 4.72 | 36.22 | -0.05 | 120 | -0.76 |
| 10 | 251.000 | X 10 ⁹ /L | 5 | M 249.200 | 1.0 | 1.39 | 40.91 | 0.04 | 120 | 0.72 |
| 11 | 380.000 | X 10 ⁹ /L | 5 | M 422.600 | 2.3 | 5.54 | 69.37 | -0.61 | 93 | -10.08 |
| 12 | 121.000 | X 10 ⁹ /L | 6 | M 129.667 | 6.4 | 4.23 | 21.28 | -0.41 | 111 | -6.68 |

| | Cycle 12 | Cycle 13 |
|-----------------------------|----------|----------|
| Cycle Average SDI | N/A | -0.26 |
| Cycle Average TS | N/A | 111 |
| Cycle Average %DEV | N/A | -4.20 |
| Cycle Average Absolute SDI | N/A | 0.28 |
| Cycle Average Absolute %DEV | N/A | 4.56 |



RBC (Optical Count), X 10¹²/L

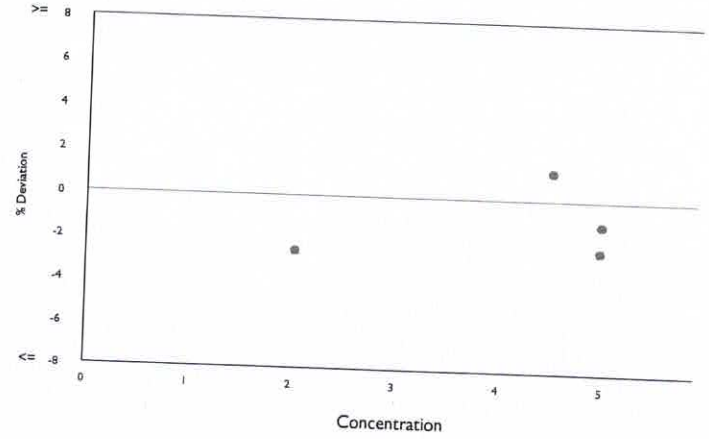
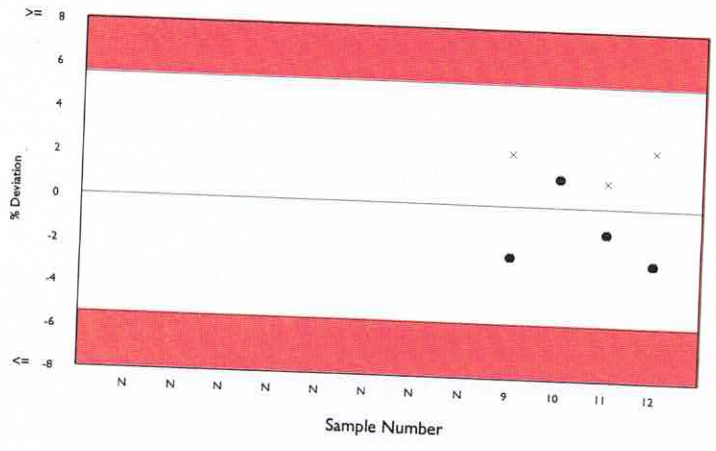
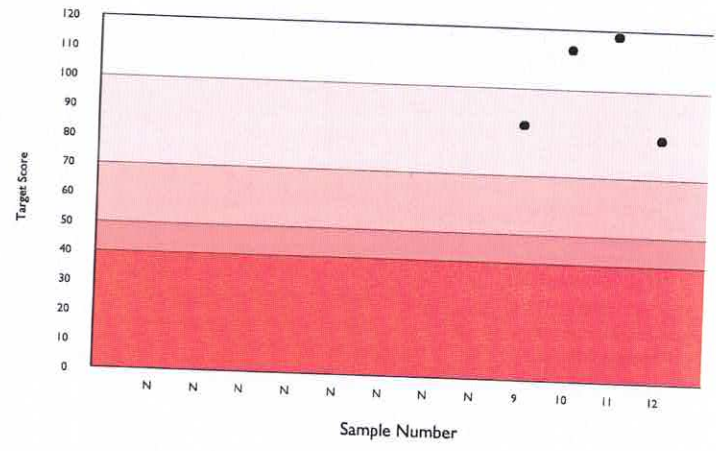
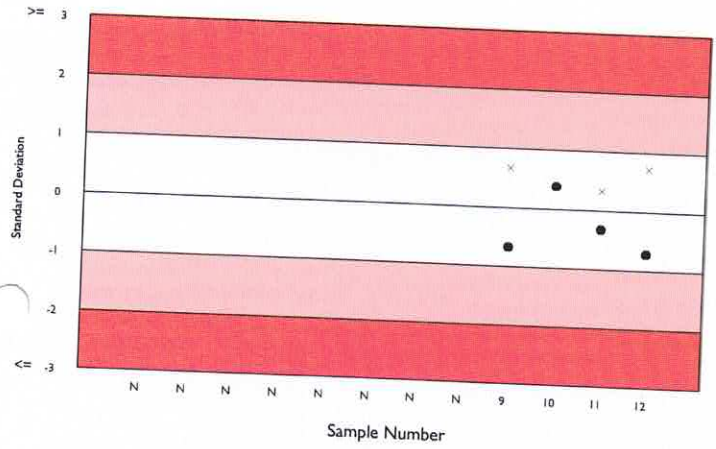
Method: Beckman Coulter Ac. T 5 series
Instrument: Beckman Coulter Ac. T 5 series
Reagent: Beckman Coulter

RIQAS TDPA: 5.5%

Biological Variation: N/A

| Sample | Result | Unit | N | Mean for Comparison | CV% | Um | SDPA | SDI | TS | %Deviation |
|--------|--------|-----------------------|---|---------------------|-----|------|-------|-------|-----|------------|
| 1 | N/A | X 10 ¹² /L | 4 | M 4.868 | 2.2 | 0.07 | 0.18a | | | |
| 2 | N/A | X 10 ¹² /L | 5 | M 4.576 | 2.5 | 0.06 | 0.17a | | | |
| 3 | N/A | X 10 ¹² /L | 5 | M 2.064 | 2.2 | 0.03 | 0.07a | | | |
| 4 | N/A | X 10 ¹² /L | 4 | M 4.980 | 2.4 | 0.07 | 0.18a | | | |
| 5 | N/A | X 10 ¹² /L | 4 | M 2.055 | 2.8 | 0.04 | 0.08a | | | |
| 6 | N/A | X 10 ¹² /L | 3 | M 4.570 | 1.1 | 0.04 | 0.15 | | | |
| 7 | N/A | X 10 ¹² /L | 3 | M 4.483 | 0.7 | 0.02 | 0.15 | | | |
| 8 | N/A | X 10 ¹² /L | 2 | M 2.050 | 0.7 | 0.01 | 0.07 | | | |
| 9 | 4.850 | X 10 ¹² /L | 4 | M 4.968 | 1.8 | 0.06 | 0.18a | -0.67 | 87 | -2.37 |
| 10 | 4.550 | X 10 ¹² /L | 4 | M 4.493 | 0.9 | 0.03 | 0.15 | 0.38 | 113 | 1.28 |
| 11 | 4.920 | X 10 ¹² /L | 4 | M 4.978 | 1.9 | 0.06 | 0.18a | -0.33 | 118 | -1.16 |
| 12 | 1.970 | X 10 ¹² /L | 4 | M 2.023 | 2.2 | 0.03 | 0.07a | -0.72 | 83 | -2.60 |

| | | |
|------------------------------------|-----------------|-----------------|
| | Cycle 12 | Cycle 13 |
| Cycle Average SDI | N/A | -0.33 |
| Cycle Average TS | N/A | 100 |
| Cycle Average %DEV | N/A | -1.21 |
| Cycle Average Absolute SDI | N/A | 0.52 |
| Cycle Average Absolute %DEV | N/A | 1.85 |



Red Cell Dist. Width CV, %

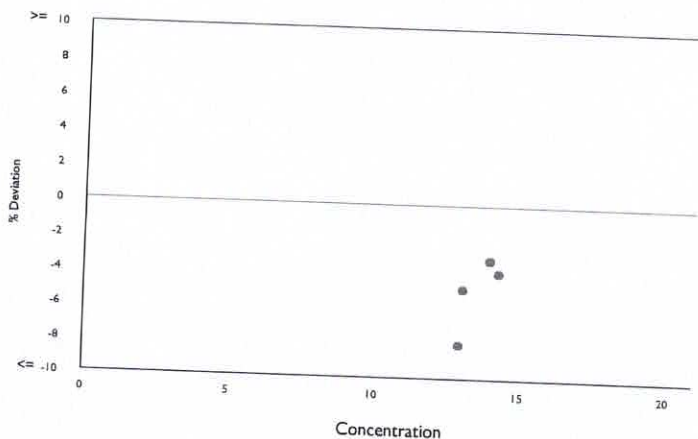
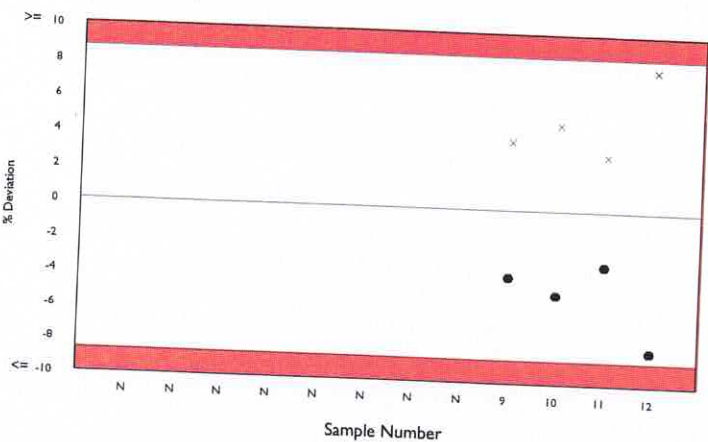
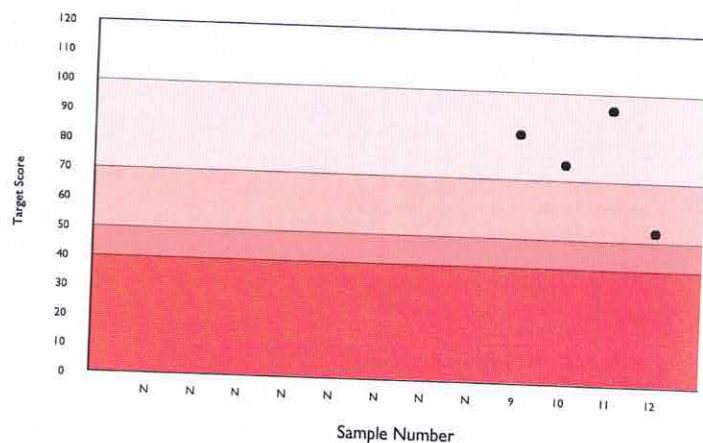
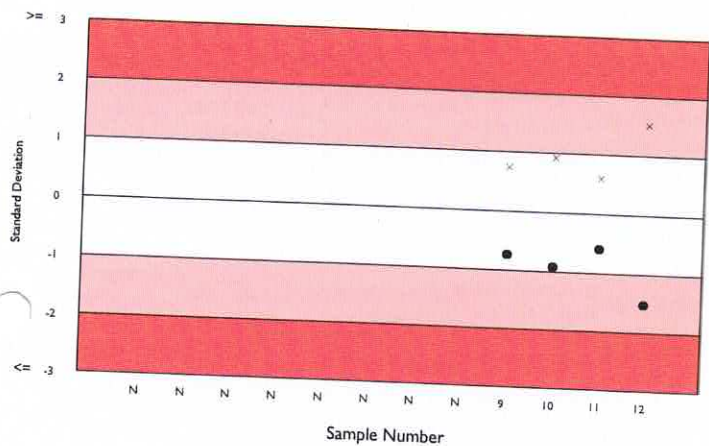
Method: Beckman Coulter Ac. T 5 series
Instrument: Beckman Coulter Ac. T 5 series
Reagent: Beckman Coulter

RIQAS TDPA: 8.7%

Biological Variation: N/A

| Sample | Result | Unit | N | Mean for Comparison | CV% | Um | SDPA | SDI | TS | %Deviation |
|--------|--------|------|----|---------------------|-----|------|------|-------|----|------------|
| 1 | N/A | % | 74 | M 14.831 | 3.9 | 0.08 | 0.85 | | | |
| 2 | N/A | % | 76 | M 13.290 | 4.5 | 0.09 | 0.76 | | | |
| 3 | N/A | % | 76 | M 13.894 | 4.7 | 0.09 | 0.73 | | | |
| 4 | N/A | % | 78 | M 13.973 | 4.0 | 0.08 | 0.74 | | | |
| 5 | N/A | % | 77 | M 13.092 | 4.2 | 0.08 | 0.69 | | | |
| 6 | N/A | % | 80 | M 13.110 | 4.5 | 0.08 | 0.69 | | | |
| 7 | N/A | % | 79 | M 13.978 | 4.6 | 0.09 | 0.74 | | | |
| 8 | N/A | % | 70 | M 13.189 | 3.9 | 0.08 | 0.70 | | | |
| 9 | 13.700 | % | 74 | M 14.255 | 4.0 | 0.08 | 0.75 | -0.74 | 85 | -3.89 |
| 10 | 12.400 | % | 73 | M 13.034 | 3.8 | 0.07 | 0.69 | -0.92 | 75 | -4.87 |
| 11 | 13.500 | % | 78 | M 13.939 | 4.1 | 0.08 | 0.74 | -0.60 | 94 | -3.15 |
| 12 | 11.900 | % | 72 | M 12.941 | 5.2 | 0.10 | 0.68 | -1.52 | 53 | -8.05 |

| | Cycle 12 | Cycle 13 |
|------------------------------------|----------|----------|
| Cycle Average SDI | N/A | -0.94 |
| Cycle Average TS | N/A | 77 |
| Cycle Average %DEV | N/A | -4.99 |
| Cycle Average Absolute SDI | N/A | 0.94 |
| Cycle Average Absolute %DEV | N/A | 4.99 |



WBC (Optical Count), X 10⁹/L

Method: Beckman Coulter Ac. T 5 series
Instrument: Beckman Coulter Ac. T 5 series
Reagent: Beckman Coulter

RIQAS TDPA: 7.1%

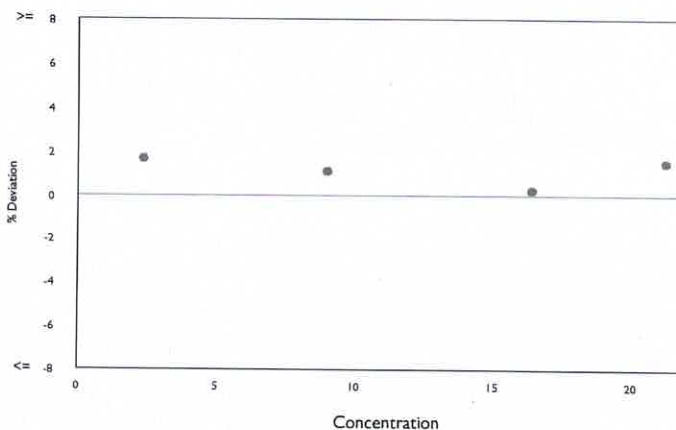
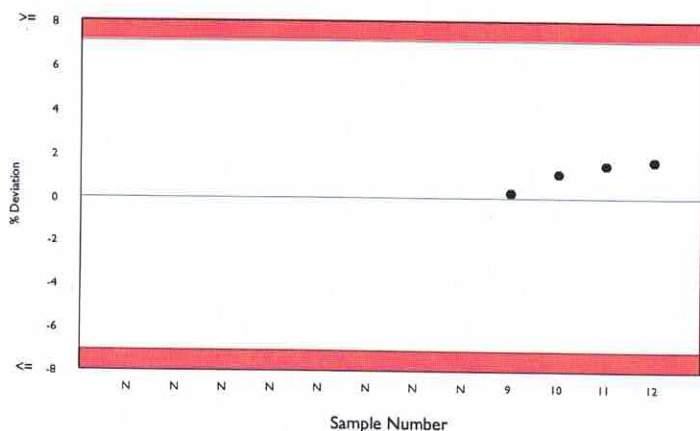
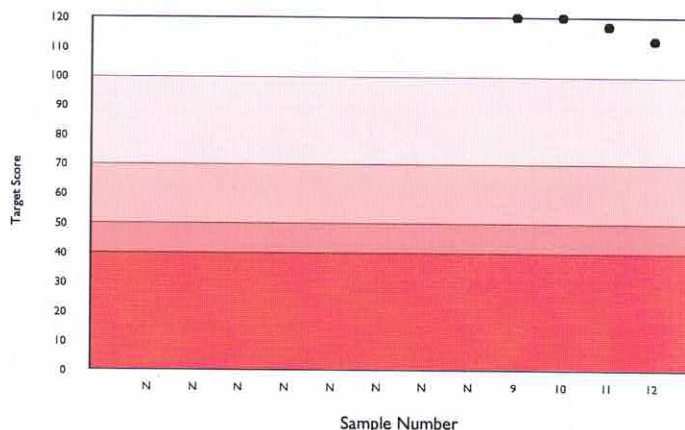
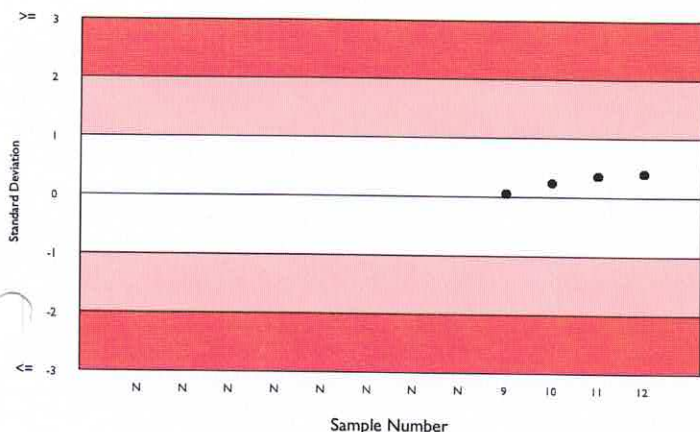
Biological Variation: N/A

| Sample | Result | Unit | N | Mean for Comparison | CV% | Um | SDPA | SDI | TS | %Deviation |
|--------|--------|----------------------|---|---------------------|-----|------|-------|------|-----|------------|
| 1 | N/A | X 10 ⁹ /L | 5 | M 21.100 | 4.4 | 0.52 | 1.09a | | | |
| 2 | N/A | X 10 ⁹ /L | 7 | M 9.100 | 3.2 | 0.14 | 0.44a | | | |
| 3 | N/A | X 10 ⁹ /L | 7 | M 2.486 | 2.8 | 0.03 | 0.11a | | | |
| 4 | N/A | X 10 ⁹ /L | 5 | M 19.920 | 1.8 | 0.20 | 0.86 | | | |
| 5 | N/A | X 10 ⁹ /L | 6 | M 2.417 | 5.5 | 0.07 | 0.12a | | | |
| 6 | N/A | X 10 ⁹ /L | 4 | M 9.050 | 3.2 | 0.18 | 0.43a | | | |
| 7 | N/A | X 10 ⁹ /L | 5 | M 9.540 | 5.1 | 0.27 | 0.49a | | | |
| 8 | N/A | X 10 ⁹ /L | 3 | M 2.467 | 2.3 | 0.04 | 0.11a | | | |
| 9 | 16.400 | X 10 ⁹ /L | 5 | M 16.360 | 4.9 | 0.45 | 0.84a | 0.05 | 120 | 0.24 |
| 10 | 9.100 | X 10 ⁹ /L | 5 | M 9.000 | 3.8 | 0.19 | 0.43a | 0.23 | 120 | 1.11 |
| 11 | 21.500 | X 10 ⁹ /L | 5 | M 21.180 | 1.1 | 0.13 | 0.91 | 0.35 | 117 | 1.51 |
| 12 | 2.400 | X 10 ⁹ /L | 5 | M 2.360 | 2.3 | 0.03 | 0.10 | 0.39 | 112 | 1.69 |

Cycle 12 Cycle 13

Cycle Average SDI N/A 0.26
Cycle Average TS N/A 117
Cycle Average %DEV N/A 1.14

Cycle Average Absolute SDI N/A 0.26
Cycle Average Absolute %DEV N/A 1.14



Cycle Average Absolute SDI

L Laboratory
C Country
W World

| Parameter | Cycle 12 ○ | | | Cycle 13 ● Better ● Worse | | |
|-------------------------|------------|------|------|------------------------------|------|------|
| | L | C | W | L | C | W |
| Haemoglobin | N/A | 0.46 | 0.91 | 0.70 | 0.47 | 0.95 |
| Haematocrit (HCT) | N/A | 0.73 | 0.86 | 0.40 | 0.59 | 0.90 |
| RDW | N/A | 0.43 | 0.66 | 0.32 | 0.37 | 0.60 |
| RDW-CV | N/A | 0.52 | 0.85 | 0.46 | 0.39 | 0.76 |
| MCV | N/A | 0.57 | 0.75 | 0.38 | 0.42 | 0.70 |
| Mean Platelet Volume | N/A | 0.53 | 0.74 | 0.42 | 0.47 | 0.69 |
| Plateletcrit | N/A | 0.54 | 0.70 | N/A | 0.35 | 0.62 |
| RDW-SD (Optical Count) | N/A | 0.33 | 0.71 | 0.28 | 0.35 | 0.66 |
| RDW-SD (Optical Count) | N/A | 0.43 | 1.03 | 0.52 | 0.66 | 1.10 |
| Red Cell Dist. Width CV | N/A | 0.66 | 0.76 | 0.94 | 0.63 | 0.95 |
| RDW-SD (Optical Count) | N/A | 0.62 | 0.95 | 0.26 | 0.74 | 1.06 |

