

HEMATOLOGY CONTROL

B55

FOR MINDRAY HEMATOLOGY ANALYZERS

LOT BC40719L-1



2019-11-24

ASSAY VALUES AND RANGES (Low Level)

| Parameters | Units | BC-5500, BC-5200 | | BC-5300, BC-5100 BC-5380, BC-5180 BC-5300Vet, BC-5100Vet | | BC-5800, BC-5600 | | BC-5390 CRP, BC-5180 CRP BC-5310 CRP, BC-5100 CRP | | BC-5000, BC-5150, BC-5120, BC-5130, BC-5140, BC-5000Vet | | BC-5390 | |
|------------|----------------------|------------------|--------|--|---------|------------------|---------|--|---------|---|---------|--------------|---------|
| | | Assay Values | Ranges | Assay Values | Ranges | Assay Values | Ranges | Assay Values | Ranges | Assay Values | Ranges | Assay Values | Ranges |
| WBC | ×10 ⁹ /L | / | ± / | 2.26 | ± 0.60 | 2.36 | ± 0.60 | 2.21 | ± 0.60 | 2.12 | ± 0.60 | 2.21 | ± 0.60 |
| Neu# | ×10 ⁹ /L | / | ± / | 1.53 | ± 0.40 | 1.47 | ± 0.40 | 1.47 | ± 0.40 | 1.17 | ± 0.40 | 1.47 | ± 0.40 |
| Lym# | ×10 ⁹ /L | / | ± / | 0.55 | ± 0.40 | 0.54 | ± 0.40 | 0.51 | ± 0.40 | 0.52 | ± 0.40 | 0.51 | ± 0.40 |
| Mon# | ×10 ⁹ /L | / | ± / | 0.08 | ± 0.20 | 0.17 | ± 0.17 | 0.15 | ± 0.20 | 0.27 | ± 0.20 | 0.15 | ± 0.20 |
| Eos# | ×10 ⁹ /L | / | ± / | 0.10 | ± 0.30 | 0.08 | ± 0.08 | 0.08 | ± 0.30 | 0.06 | ± 0.06 | 0.08 | ± 0.30 |
| Bas#* | ×10 ⁹ /L | / | ± / | 1.32 | ± 0.50 | 0.10 | ± 0.10 | 0.59 | ± 0.50 | 0.10 | ± 0.10 | 0.59 | ± 0.50 |
| Neu% | % | / | ± / | 67.7 | ± 10.0 | 65.6 | ± 10.0 | 66.4 | ± 10.0 | 59.3 | ± 10.0 | 66.4 | ± 10.0 |
| Lym% | % | / | ± / | 24.3 | ± 10.0 | 22.9 | ± 10.0 | 22.9 | ± 10.0 | 24.6 | ± 10.0 | 22.9 | ± 10.0 |
| Mon% | % | / | ± / | 3.7 | ± 4.0 | 7.2 | ± 4.0 | 6.9 | ± 4.0 | 12.5 | ± 4.0 | 6.9 | ± 4.0 |
| Eos% | % | / | ± / | 4.3 | ± 6.0 | 3.3 | ± 3.3 | 3.8 | ± 6.0 | 2.6 | ± 2.6 | 3.8 | ± 6.0 |
| Bas%* | % | / | ± / | 58.2 | ± 6.0 | 1.0 | ± 1.0 | 26.6 | ± 6.0 | 1.0 | ± 1.0 | 26.6 | ± 6.0 |
| RBC | ×10 ¹² /L | / | ± / | 2.10 | ± 0.25 | 2.22 | ± 0.25 | 2.15 | ± 0.25 | 2.16 | ± 0.25 | 2.15 | ± 0.25 |
| HGB | g/L | / | ± / | 67 | ± 4 | 69 | ± 4 | 67 | ± 4 | 67 | ± 4 | 67 | ± 4 |
| HCT | % | / | ± / | 19.4 | ± 3.5 | 20.1 | ± 3.5 | 19.2 | ± 3.5 | 20.3 | ± 3.5 | 19.2 | ± 3.5 |
| MCV | fL | / | ± / | 92.4 | ± 5.0 | 90.5 | ± 5.0 | 89.2 | ± 5.0 | 94.0 | ± 5.0 | 89.2 | ± 5.0 |
| MCH | pg | / | ± / | 31.9 | ± 3.0 | 31.1 | ± 3.0 | 31.2 | ± 3.0 | 31.0 | ± 3.0 | 31.2 | ± 3.0 |
| MCHC | g/L | / | ± / | 345 | ± 30 | 343 | ± 30 | 349 | ± 30 | 330 | ± 30 | 349 | ± 30 |
| RDW-CV | % | / | ± / | 13.3 | ± 4.0 | 13.1 | ± 4.0 | 13.3 | ± 4.0 | 15.3 | ± 4.0 | 13.3 | ± 4.0 |
| RDW-SD | fL | / | ± / | 52.3 | ± 7.0 | 45.2 | ± 7.0 | 43.3 | ± 7.0 | 53.4 | ± 7.0 | 43.3 | ± 7.0 |
| PLT | ×10 ⁹ /L | / | ± / | 64 | ± 20 | 68 | ± 20 | 64 | ± 20 | 66 | ± 20 | 64 | ± 20 |
| MPV | fL | / | ± / | 8.9 | ± 4.0 | 8.3 | ± 4.0 | 9.2 | ± 4.0 | 10.0 | ± 4.0 | 11.5 | ± 4.0 |
| PDW | / | / | ± / | 14.1 | ± 4.0 | 14.0 | ± 4.0 | 14.0 | ± 4.0 | 13.8 | ± 4.0 | 14.0 | ± 4.0 |
| PCT | % | / | ± / | 0.057 | ± 0.080 | 0.056 | ± 0.056 | 0.059 | ± 0.080 | 0.066 | ± 0.066 | 0.059 | ± 0.080 |

*Bas# and Bas% are not applicable on BC-5300Vet and BC-5100Vet.

HEMATOLOGY CONTROL

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FOR MINDRAY HEMATOLOGY ANALYZERS

LOT BC40719N-1



2019-11-24

ASSAY VALUES AND RANGES (Normal Level)

| Parameters | Units | BC-5500, BC-5200 | | BC-5300, BC-5100 BC-5380, BC-5180 BC-5300Vet, BC-5100Vet | | BC-5800, BC-5600 | | BC-5390 CRP, BC-5180 CRP BC-5310 CRP, BC-5100 CRP | | BC-5000, BC-5150, BC-5120, BC-5130, BC-5140, BC-5000Vet | | BC-5390 | |
|------------|----------------------|------------------|--------|--|---------|------------------|---------|--|---------|---|---------|--------------|---------|
| | | Assay Values | Ranges | Assay Values | Ranges | Assay Values | Ranges | Assay Values | Ranges | Assay Values | Ranges | Assay Values | Ranges |
| WBC | ×10 ⁹ /L | / | ± / | 8.50 | ± 1.00 | 8.74 | ± 1.00 | 8.40 | ± 1.00 | 7.90 | ± 1.00 | 8.40 | ± 1.00 |
| Neu# | ×10 ⁹ /L | / | ± / | 5.80 | ± 0.80 | 5.92 | ± 0.80 | 5.79 | ± 0.80 | 5.00 | ± 0.80 | 5.79 | ± 0.80 |
| Lym# | ×10 ⁹ /L | / | ± / | 1.91 | ± 0.70 | 1.84 | ± 0.70 | 1.77 | ± 0.70 | 1.77 | ± 0.70 | 1.77 | ± 0.70 |
| Mon# | ×10 ⁹ /L | / | ± / | 0.35 | ± 0.40 | 0.48 | ± 0.40 | 0.45 | ± 0.40 | 0.81 | ± 0.40 | 0.45 | ± 0.40 |
| Eos# | ×10 ⁹ /L | / | ± / | 0.44 | ± 0.60 | 0.40 | ± 0.40 | 0.39 | ± 0.60 | 0.22 | ± 0.22 | 0.39 | ± 0.60 |
| Bas#* | ×10 ⁹ /L | / | ± / | 5.89 | ± 1.50 | 0.10 | ± 0.10 | 2.37 | ± 1.50 | 0.10 | ± 0.10 | 2.37 | ± 1.50 |
| Neu% | % | / | ± / | 68.2 | ± 9.0 | 67.9 | ± 9.0 | 68.8 | ± 9.0 | 63.6 | ± 9.0 | 68.8 | ± 9.0 |
| Lym% | % | / | ± / | 22.5 | ± 8.0 | 21.0 | ± 8.0 | 21.1 | ± 8.0 | 22.4 | ± 8.0 | 21.1 | ± 8.0 |
| Mon% | % | / | ± / | 4.1 | ± 4.0 | 5.5 | ± 4.0 | 5.4 | ± 4.0 | 10.2 | ± 4.0 | 5.4 | ± 4.0 |
| Eos% | % | / | ± / | 5.2 | ± 6.0 | 4.6 | ± 4.6 | 4.7 | ± 6.0 | 2.8 | ± 2.8 | 4.7 | ± 6.0 |
| Bas%* | % | / | ± / | 69.3 | ± 6.0 | 1.0 | ± 1.0 | 28.2 | ± 6.0 | 1.0 | ± 1.0 | 28.2 | ± 6.0 |
| RBC | ×10 ¹² /L | / | ± / | 4.10 | ± 0.30 | 4.29 | ± 0.30 | 4.22 | ± 0.30 | 4.26 | ± 0.30 | 4.22 | ± 0.30 |
| HGB | g/L | / | ± / | 132 | ± 5 | 131 | ± 5 | 132 | ± 5 | 132 | ± 5 | 132 | ± 5 |
| HCT | % | / | ± / | 39.2 | ± 4.5 | 40.0 | ± 4.5 | 39.0 | ± 4.5 | 41.0 | ± 4.5 | 39.0 | ± 4.5 |
| MCV | fL | / | ± / | 95.5 | ± 5.0 | 93.3 | ± 5.0 | 92.4 | ± 5.0 | 96.2 | ± 5.0 | 92.4 | ± 5.0 |
| MCH | pg | / | ± / | 32.2 | ± 3.0 | 30.5 | ± 3.0 | 31.3 | ± 3.0 | 31.0 | ± 3.0 | 31.3 | ± 3.0 |
| MCHC | g/L | / | ± / | 337 | ± 40 | 327 | ± 40 | 339 | ± 40 | 322 | ± 40 | 339 | ± 40 |
| RDW-CV | % | / | ± / | 13.1 | ± 4.0 | 12.7 | ± 4.0 | 13.2 | ± 4.0 | 15.2 | ± 4.0 | 13.2 | ± 4.0 |
| RDW-SD | fL | / | ± / | 52.7 | ± 7.0 | 45.6 | ± 7.0 | 44.0 | ± 7.0 | 54.2 | ± 7.0 | 44.0 | ± 7.0 |
| PLT | ×10 ⁹ /L | / | ± / | 225 | ± 30 | 229 | ± 30 | 230 | ± 30 | 226 | ± 30 | 230 | ± 30 |
| MPV | fL | / | ± / | 9.3 | ± 4.0 | 9.1 | ± 4.0 | 9.6 | ± 4.0 | 10.5 | ± 4.0 | 12.0 | ± 4.0 |
| PDW | / | / | ± / | 13.9 | ± 4.0 | 13.7 | ± 4.0 | 13.9 | ± 4.0 | 13.9 | ± 4.0 | 13.9 | ± 4.0 |
| PCT | % | / | ± / | 0.209 | ± 0.100 | 0.208 | ± 0.100 | 0.221 | ± 0.100 | 0.237 | ± 0.100 | 0.221 | ± 0.100 |

*Bas# and Bas% are not applicable on BC-5300Vet and BC-5100Vet.

HEMATOLOGY CONTROL

B55

FOR MINDRAY HEMATOLOGY ANALYZERS

LOT BC40719H-1



2019-11-24

ASSAY VALUES AND RANGES (High Level)

| Parameters | Units | BC-5500, BC-5200 | | BC-5300, BC-5100 BC-5380, BC-5180 BC-5300Vet, BC-5100Vet | | BC-5800, BC-5600 | | BC-5390 CRP, BC-5180 CRP BC-5310 CRP, BC-5100 CRP | | BC-5000, BC-5150, BC-5120, BC-5130, BC-5140, BC-5000Vet | | BC-5390 | |
|------------|----------------------|------------------|--------|--|---------|------------------|---------|--|---------|---|---------|--------------|---------|
| | | Assay Values | Ranges | Assay Values | Ranges | Assay Values | Ranges | Assay Values | Ranges | Assay Values | Ranges | Assay Values | Ranges |
| WBC | ×10 ⁹ /L | / | ± / | 19.39 | ± 2.00 | 20.87 | ± 2.00 | 19.13 | ± 2.00 | 18.89 | ± 2.00 | 19.13 | ± 2.00 |
| Neu# | ×10 ⁹ /L | / | ± / | 13.22 | ± 1.50 | 13.96 | ± 1.50 | 12.99 | ± 1.50 | 11.93 | ± 1.50 | 12.99 | ± 1.50 |
| Lym# | ×10 ⁹ /L | / | ± / | 4.19 | ± 1.00 | 4.47 | ± 1.00 | 4.09 | ± 1.00 | 4.21 | ± 1.00 | 4.09 | ± 1.00 |
| Mon# | ×10 ⁹ /L | / | ± / | 1.01 | ± 0.60 | 1.29 | ± 0.60 | 1.21 | ± 0.60 | 2.12 | ± 0.60 | 1.21 | ± 0.60 |
| Eos# | ×10 ⁹ /L | / | ± / | 0.97 | ± 1.00 | 0.94 | ± 0.94 | 0.84 | ± 1.00 | 0.53 | ± 0.53 | 0.84 | ± 1.00 |
| Bas#* | ×10 ⁹ /L | / | ± / | 14.15 | ± 3.00 | 0.21 | ± 0.21 | 5.49 | ± 3.00 | 0.10 | ± 0.10 | 5.49 | ± 3.00 |
| Neu% | % | / | ± / | 68.2 | ± 8.0 | 66.9 | ± 8.0 | 67.9 | ± 8.0 | 62.7 | ± 8.0 | 67.9 | ± 8.0 |
| Lym% | % | / | ± / | 21.6 | ± 7.0 | 21.4 | ± 7.0 | 21.4 | ± 7.0 | 22.3 | ± 7.0 | 21.4 | ± 7.0 |
| Mon% | % | / | ± / | 5.2 | ± 4.0 | 6.2 | ± 4.0 | 6.3 | ± 4.0 | 11.2 | ± 4.0 | 6.3 | ± 4.0 |
| Eos% | % | / | ± / | 5.0 | ± 6.0 | 4.5 | ± 4.5 | 4.4 | ± 6.0 | 2.8 | ± 2.8 | 4.4 | ± 6.0 |
| Bas%* | % | / | ± / | 73.0 | ± 6.0 | 1.0 | ± 1.0 | 28.7 | ± 6.0 | 1.0 | ± 1.0 | 28.7 | ± 6.0 |
| RBC | ×10 ¹² /L | / | ± / | 5.20 | ± 0.40 | 5.45 | ± 0.40 | 5.31 | ± 0.40 | 5.36 | ± 0.40 | 5.31 | ± 0.40 |
| HGB | g/L | / | ± / | 170 | ± 6 | 167 | ± 6 | 168 | ± 6 | 168 | ± 6 | 168 | ± 6 |
| HCT | % | / | ± / | 50.4 | ± 5.0 | 51.6 | ± 5.0 | 49.8 | ± 5.0 | 51.8 | ± 5.0 | 49.8 | ± 5.0 |
| MCV | fL | / | ± / | 97.0 | ± 5.0 | 94.6 | ± 5.0 | 93.8 | ± 5.0 | 96.7 | ± 5.0 | 93.8 | ± 5.0 |
| MCH | pg | / | ± / | 32.7 | ± 4.0 | 30.6 | ± 4.0 | 31.6 | ± 4.0 | 31.3 | ± 4.0 | 31.6 | ± 4.0 |
| MCHC | g/L | / | ± / | 337 | ± 50 | 324 | ± 50 | 337 | ± 50 | 324 | ± 50 | 337 | ± 50 |
| RDW-CV | % | / | ± / | 14.0 | ± 4.0 | 13.7 | ± 4.0 | 14.2 | ± 4.0 | 16.3 | ± 4.0 | 14.2 | ± 4.0 |
| RDW-SD | fL | / | ± / | 57.1 | ± 8.0 | 50.0 | ± 8.0 | 48.0 | ± 8.0 | 58.5 | ± 8.0 | 48.0 | ± 8.0 |
| PLT | ×10 ⁹ /L | / | ± / | 560 | ± 50 | 574 | ± 50 | 575 | ± 50 | 565 | ± 50 | 575 | ± 50 |
| MPV | fL | / | ± / | 8.6 | ± 4.0 | 8.6 | ± 4.0 | 8.8 | ± 4.0 | 9.7 | ± 4.0 | 11.0 | ± 4.0 |
| PDW | / | / | ± / | 13.9 | ± 4.0 | 13.5 | ± 4.0 | 13.9 | ± 4.0 | 14.0 | ± 4.0 | 13.9 | ± 4.0 |
| PCT | % | / | ± / | 0.482 | ± 0.200 | 0.494 | ± 0.200 | 0.506 | ± 0.200 | 0.548 | ± 0.200 | 0.506 | ± 0.200 |

*Bas# and Bas% are not applicable on BC-5300Vet and BC-5100Vet.