

HEMATOLOGY CONTROL

B55

FOR MINDRAY HEMATOLOGY ANALYZERS

LOT BC41118N-2



2019-03-18

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 | 8.95 | ± 1.00 | 8.54 | ± 1.00 | 8.95 | ± 1.00 | 8.38 | ± 1.00 | 8.03 | ± 1.00 | 8.38 | ± 1.00 |
| Neu# | ×10 ⁹ /L | 5.49 | ± 0.80 | 5.65 | ± 0.80 | 5.95 | ± 0.80 | 5.62 | ± 0.80 | 4.98 | ± 0.80 | 5.62 | ± 0.80 |
| Lym# | ×10 ⁹ /L | 2.48 | ± 0.70 | 2.16 | ± 0.70 | 2.08 | ± 0.70 | 1.99 | ± 0.70 | 1.92 | ± 0.70 | 1.99 | ± 0.70 |
| Mon# | ×10 ⁹ /L | 0.48 | ± 0.40 | 0.24 | ± 0.40 | 0.44 | ± 0.40 | 0.40 | ± 0.40 | 0.71 | ± 0.40 | 0.40 | ± 0.40 |
| Eos# | ×10 ⁹ /L | 0.40 | ± 0.40 | 0.49 | ± 0.60 | 0.38 | ± 0.38 | 0.37 | ± 0.60 | 0.32 | ± 0.32 | 0.37 | ± 0.60 |
| Bas#* | ×10 ⁹ /L | 0.10 | ± 0.10 | 5.40 | ± 1.50 | 0.10 | ± 0.10 | 2.20 | ± 1.50 | 0.10 | ± 0.10 | 2.20 | ± 1.50 |
| Neu% | % | 61.4 | ± 9.0 | 66.2 | ± 9.0 | 66.7 | ± 9.0 | 67.1 | ± 9.0 | 62.3 | ± 9.0 | 67.1 | ± 9.0 |
| Lym% | % | 27.7 | ± 8.0 | 25.3 | ± 8.0 | 23.2 | ± 8.0 | 23.7 | ± 8.0 | 23.9 | ± 8.0 | 23.7 | ± 8.0 |
| Mon% | % | 5.4 | ± 4.0 | 2.8 | ± 4.0 | 4.9 | ± 4.0 | 4.8 | ± 4.0 | 8.8 | ± 4.0 | 4.8 | ± 4.0 |
| Eos% | % | 4.5 | ± 4.5 | 5.7 | ± 6.0 | 4.2 | ± 4.2 | 4.4 | ± 6.0 | 4.0 | ± 4.0 | 4.4 | ± 6.0 |
| Bas%* | % | 1.0 | ± 1.0 | 63.2 | ± 6.0 | 1.0 | ± 1.0 | 26.3 | ± 6.0 | 1.0 | ± 1.0 | 26.3 | ± 6.0 |
| RBC | ×10 ¹² /L | 4.29 | ± 0.30 | 4.19 | ± 0.30 | 4.32 | ± 0.30 | 4.22 | ± 0.30 | 4.36 | ± 0.30 | 4.22 | ± 0.30 |
| HGB | g/L | 136 | ± 5 | 136 | ± 5 | 135 | ± 5 | 135 | ± 5 | 136 | ± 5 | 135 | ± 5 |
| HCT | % | 39.3 | ± 4.5 | 41.5 | ± 4.5 | 41.9 | ± 4.5 | 40.1 | ± 4.5 | 43.4 | ± 4.5 | 40.1 | ± 4.5 |
| MCV | fL | 91.5 | ± 5.0 | 99.0 | ± 5.0 | 96.9 | ± 5.0 | 95.0 | ± 5.0 | 99.5 | ± 5.0 | 95.0 | ± 5.0 |
| MCH | pg | 31.7 | ± 3.0 | 32.5 | ± 3.0 | 31.3 | ± 3.0 | 32.0 | ± 3.0 | 31.2 | ± 3.0 | 32.0 | ± 3.0 |
| MCHC | g/L | 346 | ± 40 | 328 | ± 40 | 322 | ± 40 | 337 | ± 40 | 313 | ± 40 | 337 | ± 40 |
| RDW-CV | % | 10.8 | ± 4.0 | 13.0 | ± 4.0 | 12.7 | ± 4.0 | 13.1 | ± 4.0 | 15.4 | ± 4.0 | 13.1 | ± 4.0 |
| RDW-SD | fL | 31.6 | ± 7.0 | 53.7 | ± 7.0 | 47.5 | ± 7.0 | 45.5 | ± 7.0 | 56.2 | ± 7.0 | 45.5 | ± 7.0 |
| PLT | ×10 ⁹ /L | 224 | ± 30 | 217 | ± 30 | 232 | ± 30 | 227 | ± 30 | 227 | ± 30 | 227 | ± 30 |
| MPV | fL | 8.4 | ± 4.0 | 8.1 | ± 4.0 | 7.9 | ± 4.0 | 8.5 | ± 4.0 | 9.3 | ± 4.0 | 10.6 | ± 4.0 |
| PDW | / | 14.1 | ± 4.0 | 14.1 | ± 4.0 | 13.8 | ± 4.0 | 14.2 | ± 4.0 | 14.2 | ± 4.0 | 14.2 | ± 4.0 |
| PCT | % | 0.188 | ± 0.100 | 0.176 | ± 0.100 | 0.183 | ± 0.100 | 0.193 | ± 0.100 | 0.211 | ± 0.100 | 0.193 | ± 0.100 |

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