

BC-6D

HEMATOLOGY CONTROLS

CONTROL

ASSAY VALUES AND EXPECTED RANGES

LOT MB0119A

2019-03-10

| Instrument | Parameter | Low | | Normal | | High | |
|-----------------------------|--------------------------|-----|---------------|--------|---------------|------|---------------|
| | | LOT | MB0119AL | LOT | MB0119AN | LOT | MB0119AH |
| MINDRAY | WBC 10 ⁹ /L | | 3.75 ± 0.50 | | 7.65 ± 1.00 | | 20.00 ± 2.50 |
| BC-6800, BC-6600 QC Mode | Neu # | | 2.12 ± 0.38 | | 3.48 ± 0.77 | | 10.60 ± 2.00 |
| | Lym # | | 0.92 ± 0.31 | | 2.98 ± 0.62 | | 6.60 ± 1.60 |
| | Mon # | | 0.15 ± 0.15 | | 0.54 ± 0.47 | | 1.30 ± 1.20 |
| | Eos # | | 0.53 ± 0.35 | | 0.57 ± 0.46 | | 1.30 ± 1.20 |
| | Bas # | | 0.04 ± 0.04 | | 0.08 ± 0.08 | | 0.20 ± 0.20 |
| | IMG #** | | 0.06 ± 0.40 | | 0.11 ± 0.79 | | 0.20 ± 2.00 |
| | Neu % | | 56.5 ± 10.0 | | 45.5 ± 10.0 | | 53.0 ± 10.0 |
| | Lym % | | 24.5 ± 8.0 | | 39.0 ± 8.0 | | 33.0 ± 8.0 |
| | Mon % | | 4.0 ± 4.0 | | 7.0 ± 6.0 | | 6.5 ± 6.0 |
| | Eos % | | 14.0 ± 9.0 | | 7.5 ± 6.0 | | 6.5 ± 6.0 |
| | Bas % | | 1.0 ± 1.0 | | 1.0 ± 1.0 | | 1.0 ± 1.0 |
| | IMG %** | | 1.5 ± 10.0 | | 1.4 ± 10.0 | | 1.0 ± 10.0 |
| | RBC 10 ¹² /L | | 2.37 ± 0.18 | | 4.66 ± 0.24 | | 5.70 ± 0.30 |
| | HGB g/L | | 60 ± 4 | | 133 ± 6 | | 177 ± 8 |
| | HCT % | | 19.7 ± 1.5 | | 42.9 ± 2.0 | | 57.3 ± 2.4 |
| | MCV fL | | 83.0 ± 5.0 | | 92.0 ± 5.0 | | 100.5 ± 5.0 |
| | MCH pg | | 25.3 ± 2.5 | | 28.5 ± 2.5 | | 31.1 ± 2.5 |
| | MCHC g/L | | 305 ± 30 | | 310 ± 30 | | 309 ± 30 |
| | RDW-CV % | | 16.5 ± 3.0 | | 15.0 ± 3.0 | | 14.0 ± 3.0 |
| | RDW-SD fL | | 48.0 ± 6.0 | | 50.0 ± 6.0 | | 51.0 ± 8.0 |
| | PLT 10 ⁹ /L | | 52 ± 20 | | 205 ± 40 | | 400 ± 60 |
| | MPV fL | | 11.0 ± 3.0 | | 9.8 ± 3.0 | | 11.2 ± 3.0 |
| | PDW | | 16.5 ± 3.0 | | 16.2 ± 3.0 | | 17.0 ± 3.0 |
| | PCT % | | 0.060 ± 0.050 | | 0.200 ± 0.100 | | 0.450 ± 0.200 |
| | P-LCC 10 ⁹ /L | | 20 ± 8 | | 53 ± 24 | | 144 ± 50 |
| | P-LCR % | | 38.0 ± 10.0 | | 26.0 ± 10.0 | | 36.0 ± 10.0 |
| | NRBC # | | 0.338 ± 0.338 | | 0.383 ± 0.383 | | 0.600 ± 0.600 |
| | NRBC % | | 9.00 ± 9.00 | | 5.00 ± 5.00 | | 3.00 ± 3.00 |

Before using, refer to the instruction sheet for mixing directions.

*Research use only.

**Software version 1.9 or higher.

| Instrument | Parameter | Low | | Normal | | High | |
|---|--------------------------|-----|---------------|--------|---------------|------|---------------|
| | | LOT | MB0119AL | LOT | MB0119AN | LOT | MB0119AH |
| MINDRAY | WBC 10 ⁹ /L | | 3.62 ± 0.80 | | 7.57 ± 1.00 | | 20.00 ± 2.50 |
| BC-6000, BC-6100, BC-6200, BC-6000Plus, BC-6100Plus | Neu # | | 2.03 ± 0.50 | | 3.57 ± 0.80 | | 10.88 ± 2.00 |
| | Lym # | | 0.93 ± 0.40 | | 2.89 ± 0.80 | | 6.52 ± 1.60 |
| | Mon # | | 0.14 ± 0.12 | | 0.52 ± 0.38 | | 1.26 ± 0.80 |
| | Eos # | | 0.51 ± 0.30 | | 0.57 ± 0.50 | | 1.30 ± 1.20 |
| | Bas # | | 0.01 ± 0.10 | | 0.02 ± 0.10 | | 0.04 ± 0.29 |
| | IMG # | | 0.03 ± 0.50 | | 0.05 ± 0.90 | | 0.12 ± 2.20 |
| | Neu % | | 56.2 ± 12.0 | | 47.2 ± 10.0 | | 54.4 ± 10.0 |
| QC Mode | Lym % | | 25.6 ± 9.5 | | 38.2 ± 10.0 | | 32.6 ± 8.0 |
| | Mon % | | 3.8 ± 3.0 | | 6.9 ± 4.0 | | 6.3 ± 3.5 |
| | Eos % | | 14.2 ± 7.0 | | 7.5 ± 6.0 | | 6.5 ± 6.0 |
| | Bas % | | 0.2 ± 1.0 | | 0.2 ± 1.0 | | 0.2 ± 1.5 |
| | IMG % | | 0.8 ± 10.0 | | 0.6 ± 10.0 | | 0.6 ± 10.0 |
| | RBC 10 ¹² /L | | 2.40 ± 0.18 | | 4.72 ± 0.24 | | 5.78 ± 0.30 |
| | HGB g/L | | 60 ± 4 | | 132 ± 6 | | 175 ± 8 |
| | HCT % | | 19.8 ± 2.0 | | 43.0 ± 2.5 | | 57.2 ± 3.0 |
| | MCV fL | | 82.4 ± 5.0 | | 91.1 ± 5.0 | | 99.0 ± 5.0 |
| | MCH pg | | 25.0 ± 2.5 | | 28.0 ± 2.5 | | 30.3 ± 2.5 |
| | MCHC g/L | | 303 ± 30 | | 307 ± 30 | | 306 ± 30 |
| | RDW-CV % | | 16.7 ± 5.0 | | 14.8 ± 5.0 | | 14.0 ± 6.0 |
| | RDW-SD fL | | 49.2 ± 10.0 | | 48.8 ± 10.0 | | 50.3 ± 12.0 |
| | PLT 10 ⁹ /L | | 58 ± 20 | | 211 ± 45 | | 395 ± 65 |
| | MPV fL | | 11.6 ± 3.0 | | 10.1 ± 3.0 | | 11.1 ± 3.0 |
| | PDW | | 16.6 ± 5.0 | | 16.3 ± 5.0 | | 16.7 ± 5.0 |
| | PCT % | | 0.067 ± 0.050 | | 0.213 ± 0.100 | | 0.438 ± 0.200 |
| | P-LCC 10 ⁹ /L | | 23 ± 8 | | 54 ± 24 | | 138 ± 50 |
| | P-LCR % | | 40.5 ± 10.0 | | 25.7 ± 10.0 | | 34.9 ± 10.0 |
| | NRBC # | | 0.309 ± 0.300 | | 0.332 ± 0.500 | | 0.564 ± 0.300 |
| | NRBC % | | 8.53 ± 10.00 | | 4.38 ± 10.00 | | 2.82 ± 10.00 |

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| | | LOT | MB0119AL | LOT | MB0119AN | LOT | MB0119AH |
| MINDRAY | WBC 10 ⁹ /L | | 3.73 ± 0.80 | | 7.47 ± 1.00 | | 19.68 ± 2.50 |
| | Neu # | | 2.08 ± 0.50 | | 3.42 ± 0.80 | | 10.57 ± 2.00 |
| BC-6800Plus, BC-6700Plus, BC-6600Plus | Lym # | | 0.96 ± 0.40 | | 3.00 ± 0.80 | | 6.57 ± 1.60 |
| | Mon # | | 0.12 ± 0.12 | | 0.45 ± 0.38 | | 1.14 ± 0.80 |
| QC Mode | Eos # | | 0.57 ± 0.30 | | 0.57 ± 0.50 | | 1.32 ± 1.20 |
| | Bas # | | 0.00 ± 0.10 | | 0.03 ± 0.10 | | 0.08 ± 0.29 |
| | IMG # | | 0.03 ± 0.50 | | 0.04 ± 0.90 | | 0.10 ± 2.20 |
| | Neu % | | 55.4 ± 12.0 | | 45.9 ± 10.0 | | 53.7 ± 10.0 |
| | Lym % | | 25.8 ± 9.5 | | 40.1 ± 10.0 | | 33.4 ± 8.0 |
| | Mon % | | 3.3 ± 3.0 | | 6.0 ± 4.0 | | 5.8 ± 3.5 |
| | Eos % | | 15.4 ± 7.0 | | 7.6 ± 6.0 | | 6.7 ± 6.0 |
| | Bas % | | 0.1 ± 1.0 | | 0.4 ± 1.0 | | 0.4 ± 1.5 |
| | IMG % | | 0.8 ± 10.0 | | 0.5 ± 10.0 | | 0.5 ± 10.0 |
| | RBC 10 ¹² /L | | 2.39 ± 0.18 | | 4.71 ± 0.24 | | 5.74 ± 0.30 |
| | HGB g/L | | 60 ± 4 | | 132 ± 6 | | 174 ± 8 |
| | HCT % | | 19.5 ± 2.0 | | 43.0 ± 2.5 | | 57.6 ± 3.0 |
| | MCV fL | | 81.5 ± 5.0 | | 91.3 ± 5.0 | | 100.4 ± 5.0 |
| | MCH pg | | 25.1 ± 2.5 | | 28.0 ± 2.5 | | 30.3 ± 2.5 |
| | MCHC g/L | | 308 ± 30 | | 307 ± 30 | | 302 ± 30 |
| | RDW-CV % | | 16.2 ± 5.0 | | 14.9 ± 5.0 | | 14.2 ± 6.0 |
| | RDW-SD fL | | 47.4 ± 10.0 | | 49.0 ± 10.0 | | 51.2 ± 12.0 |
| | PLT 10 ⁹ /L | | 53 ± 20 | | 204 ± 45 | | 390 ± 65 |
| | MPV fL | | 11.0 ± 3.0 | | 9.9 ± 3.0 | | 11.4 ± 3.0 |
| | PDW | | 16.6 ± 5.0 | | 16.1 ± 5.0 | | 16.8 ± 5.0 |
| | PCT % | | 0.058 ± 0.050 | | 0.202 ± 0.100 | | 0.445 ± 0.200 |
| | P-LCC 10 ⁹ /L | | 20 ± 8 | | 52 ± 24 | | 144 ± 50 |
| | P-LCR % | | 37.4 ± 10.0 | | 25.7 ± 10.0 | | 37.0 ± 10.0 |
| | NRBC # | | 0.319 ± 0.300 | | 0.327 ± 0.500 | | 0.555 ± 0.300 |
| | NRBC % | | 8.54 ± 10.00 | | 4.38 ± 10.00 | | 2.82 ± 10.00 |

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