

# BC-BF

## HEMATOLOGY CONTROLS

CONTROL

ASSAY VALUES AND EXPECTED RANGES

**LOT** BFI0325A

2025-05-10

| Instrument   | Parameter | Low                |               | Normal        |               | High |            |
|--|-----------|--------------------|---------------|---------------|---------------|------|------------|
|  |           | LOT                | BFI0325A-1    | LOT           | BFI0325A-2    | LOT  | BFI0325A-3 |
| Mindray BC-6800,BC-6600  | WBC-BF    | $\times 10^9/L$    | 0.074 ± 0.037 | 0.218 ± 0.174 | 0.886 ± 0.177 |      |            |
|  | RBC-BF    | $\times 10^{12}/L$ | 0.023 ± 0.007 | 0.067 ± 0.013 | 0.488 ± 0.034 |      |            |
|  | TC-BF#    | $\times 10^9/L$    | 0.074 ± 0.037 | 0.218 ± 0.174 | 0.889 ± 0.178 |      |            |
|  | PMN%      | %                  | 75.7 ± 65.0   | 70.9 ± 8.0    | 86.9 ± 6.0    |      |            |
|  | PMN#      | $\times 10^9/L$    | 0.056 ± 0.056 | 0.155 ± 0.154 | 0.770 ± 0.218 |      |            |
|  | MN%       | %                  | 24.3 ± 24.3   | 29.1 ± 8.0    | 13.1 ± 6.0    |      |            |
|  | MN#       | $\times 10^9/L$    | 0.018 ± 0.018 | 0.063 ± 0.063 | 0.116 ± 0.087 |      |            |
| Mindray BC-6000, BC-6100<br>BC-6200, BC-6000Plus<br>BC-6100Plus  | WBC-BF    | $\times 10^9/L$    | 0.075 ± 0.038 | 0.226 ± 0.181 | 0.905 ± 0.181 |      |            |
|  | RBC-BF    | $\times 10^{12}/L$ | 0.023 ± 0.007 | 0.064 ± 0.013 | 0.469 ± 0.033 |      |            |
|  | TC-BF#    | $\times 10^9/L$    | 0.075 ± 0.038 | 0.228 ± 0.182 | 0.906 ± 0.181 |      |            |
|  | PMN%      | %                  | 74.1 ± 65.0   | 70.7 ± 8.0    | 86.9 ± 6.0    |      |            |
|  | PMN#      | $\times 10^9/L$    | 0.056 ± 0.056 | 0.160 ± 0.160 | 0.786 ± 0.223 |      |            |
|  | MN%       | %                  | 25.9 ± 25.0   | 29.3 ± 8.0    | 13.1 ± 6.0    |      |            |
|  | MN#       | $\times 10^9/L$    | 0.019 ± 0.019 | 0.066 ± 0.066 | 0.119 ± 0.088 |      |            |
| Mindray BC-6600Plus<br>BC-6700Plus, BC-6800Plus  | WBC-BF    | $\times 10^9/L$    | 0.079 ± 0.040 | 0.239 ± 0.191 | 0.957 ± 0.191 |      |            |
|  | RBC-BF    | $\times 10^{12}/L$ | 0.023 ± 0.007 | 0.066 ± 0.013 | 0.495 ± 0.035 |      |            |
|  | TC-BF#    | $\times 10^9/L$    | 0.080 ± 0.040 | 0.240 ± 0.192 | 0.959 ± 0.192 |      |            |
|  | PMN%      | %                  | 73.2 ± 65.0   | 70.5 ± 8.0    | 86.5 ± 6.0    |      |            |
|  | PMN#      | $\times 10^9/L$    | 0.058 ± 0.058 | 0.168 ± 0.168 | 0.828 ± 0.234 |      |            |
|  | MN%       | %                  | 26.8 ± 25.0   | 29.5 ± 8.0    | 13.5 ± 6.0    |      |            |
|  | MN#       | $\times 10^9/L$    | 0.021 ± 0.021 | 0.071 ± 0.071 | 0.129 ± 0.095 |      |            |
| Mindray BC-700[R]<br>BC-720[R],BC-760[R]<br>BC-780[R],BC-700 [R] CS<br>BC-760[R] CS,BC-700[B]<br>BC-760[B] | WBC-BF    | $\times 10^9/L$    | 0.072 ± 0.036 | 0.220 ± 0.176 | 0.891 ± 0.178 |      |            |
|  | RBC-BF    | $\times 10^{12}/L$ | 0.021 ± 0.006 | 0.062 ± 0.012 | 0.451 ± 0.032 |      |            |
|  | TC-BF#    | $\times 10^9/L$    | 0.072 ± 0.036 | 0.220 ± 0.176 | 0.892 ± 0.178 |      |            |
|  | PMN%      | %                  | 72.4 ± 65.0   | 69.5 ± 8.0    | 85.8 ± 6.0    |      |            |
|  | PMN#      | $\times 10^9/L$    | 0.052 ± 0.052 | 0.153 ± 0.153 | 0.764 ± 0.217 |      |            |
|  | MN%       | %                  | 27.6 ± 25.0   | 30.5 ± 8.0    | 14.2 ± 6.0    |      |            |
|  | MN#       | $\times 10^9/L$    | 0.020 ± 0.020 | 0.067 ± 0.067 | 0.127 ± 0.089 |      |            |
| Mindray BC-7500[B] CRP<br>BC-7500 [R] CRP<br>BC-7500 [N] CRP<br>BC-7500 [NR] CRP                           | WBC-BF    | $\times 10^9/L$    | 0.071 ± 0.036 | 0.208 ± 0.166 | 0.863 ± 0.173 |      |            |
|  | RBC-BF    | $\times 10^{12}/L$ | 0.023 ± 0.007 | 0.066 ± 0.013 | 0.488 ± 0.034 |      |            |
|  | TC-BF#    | $\times 10^9/L$    | 0.071 ± 0.036 | 0.208 ± 0.166 | 0.863 ± 0.173 |      |            |
|  | PMN%      | %                  | 74.8 ± 65.0   | 70.8 ± 8.0    | 86.6 ± 6.0    |      |            |
|  | PMN#      | $\times 10^9/L$    | 0.053 ± 0.053 | 0.147 ± 0.147 | 0.747 ± 0.212 |      |            |
|  | MN%       | %                  | 25.2 ± 25.0   | 29.2 ± 8.0    | 13.4 ± 6.0    |      |            |
|  | MN#       | $\times 10^9/L$    | 0.018 ± 0.018 | 0.061 ± 0.061 | 0.116 ± 0.085 |      |            |
| Mindray BC-7600,<br>BC-7800,<br>BC-7900<br>(Not applicable to Russia)                                      | WBC-BF    | $\times 10^9/L$    | 0.075 ± 0.050 | 0.221 ± 0.150 | 0.911 ± 0.200 |      |            |
|  | RBC-BF    | $\times 10^{12}/L$ | 0.024 ± 0.020 | 0.069 ± 0.060 | 0.508 ± 0.100 |      |            |
|  | TC-BF#    | $\times 10^9/L$    | 0.075 ± 0.050 | 0.222 ± 0.150 | 0.912 ± 0.200 |      |            |
|  | PMN%      | %                  | 72.8 ± 65.0   | 70.4 ± 65.0   | 86.5 ± 65.0   |      |            |
|  | PMN#      | $\times 10^9/L$    | 0.055 ± 0.032 | 0.156 ± 0.163 | 0.788 ± 0.650 |      |            |
|  | MN%       | %                  | 27.2 ± 25.0   | 29.6 ± 25.0   | 13.5 ± 25.0   |      |            |
|  | MN#       | $\times 10^9/L$    | 0.020 ± 0.013 | 0.065 ± 0.063 | 0.123 ± 0.250 |      |            |

AIS921 Rev. 04