

BC-RET

HEMATOLOGY CONTROLS

CONTROL

ASSAY VALUES AND EXPECTED RANGES

LOT ME0325A



2025-05-10

| Instrument | Parameter | | Low | | Normal | | High | |
|-----------------|-----------|--------------------|------------|-----------|------------|-----------|------------|-----------|
| | | | LOT | ME0325A-1 | LOT | ME0325A-2 | LOT | ME0325A-3 |
| BC-700[R] | Ret# | $\times 10^{12}/L$ | 0.0821 | ± 0.0660 | 0.2437 | ± 0.0974 | 0.1900 | ± 0.0571 |
| BC-720[R] | Ret% | % | 1.37 | ± 1.10 | 5.13 | ± 2.05 | 8.19 | ± 2.46 |
| BC-760[R] | IRF | % | 11.4 | ± 15.0 | 10.7 | ± 13.0 | 8.6 | ± 25.0 |
| BC-780[R] | LFR | % | 88.6 | ± 15.0 | 89.3 | ± 10.0 | 91.4 | ± 25.0 |
| BC-700[R] CS | MFR | % | 9.6 | ± 12.0 | 8.5 | ± 10.0 | 5.9 | ± 22.0 |
| BC-760[R] CS | HFR | % | 1.8 | ± 3.0 | 2.2 | ± 3.0 | 2.7 | ± 3.0 |
| QC Mode | RHE | pg | 24.7 | ± 10.0 | 23.1 | ± 10.0 | 19.7 | ± 10.0 |
| | IPF | % | 7.6 | ± 3.5 | 7.6 | ± 3.5 | 7.6 | ± 3.5 |
| | PLT-O | $\times 10^9/L$ | 116 | ± 40 | 339 | ± 60 | 567 | ± 120 |
| | RBC-O* | $\times 10^{12}/L$ | 5.86 | ± 0.80 | 4.71 | ± 0.60 | 2.35 | ± 0.25 |
| | | | | | | | | |
| BC-7500[R] CRP | Ret# | $\times 10^{12}/L$ | 0.0754 | ± 0.0604 | 0.2175 | ± 0.0868 | 0.1819 | ± 0.0545 |
| BC-7500[NR] CRP | Ret% | % | 1.25 | ± 1.00 | 4.56 | ± 1.82 | 7.91 | ± 2.37 |
| BC-7300[R] CRP | IRF | % | 10.1 | ± 15.0 | 9.5 | ± 13.0 | 6.7 | ± 25.0 |
| BC-7300[NR] CRP | LFR | % | 89.9 | ± 15.0 | 90.5 | ± 10.0 | 93.3 | ± 25.0 |
| BC-7500[R] CS | MFR | % | 8.2 | ± 12.0 | 7.2 | ± 10.0 | 3.1 | ± 22.0 |
| BC-7500[NR] CS | HFR | % | 1.9 | ± 3.0 | 2.3 | ± 3.0 | 3.6 | ± 3.0 |
| QC Mode | RHE | pg | 24.4 | ± 10.0 | 23.1 | ± 10.0 | 20.2 | ± 10.0 |
| | IPF | % | 4.7 | ± 3.5 | 4.7 | ± 3.5 | 4.6 | ± 3.5 |
| | PLT-O* | $\times 10^9/L$ | 118 | ± 40 | 325 | ± 60 | 510 | ± 120 |
| | RBC-O* | $\times 10^{12}/L$ | 5.78 | ± 0.80 | 4.58 | ± 0.60 | 2.20 | ± 0.25 |
| | | | | | | | | |
| BC-6800 | Ret# | $\times 10^{12}/L$ | 0.0583 | ± 0.0466 | 0.2073 | ± 0.0828 | 0.1788 | ± 0.0536 |
| BC-6600 | Ret% | % | 0.99 | ± 0.79 | 4.41 | ± 1.76 | 7.64 | ± 2.29 |
| QC Mode | IRF | % | 7.8 | ± 15.0 | 7.0 | ± 13.0 | 6.8 | ± 25.0 |
| | LFR | % | 92.2 | ± 15.0 | 93.0 | ± 10.0 | 93.2 | ± 25.0 |
| | MFR | % | 6.5 | ± 12.0 | 5.7 | ± 10.0 | 5.4 | ± 22.0 |
| | HFR | % | 1.3 | ± 3.0 | 1.3 | ± 3.0 | 1.4 | ± 3.0 |
| | RHE | pg | 22.7 | ± 10.0 | 21.6 | ± 10.0 | 20.0 | ± 10.0 |
| | IPF | % | 8.6 | ± 3.5 | 8.6 | ± 3.5 | 8.6 | ± 3.5 |
| | PLT-O* | $\times 10^9/L$ | 130 | ± 40 | 334 | ± 60 | 533 | ± 120 |
| | RBC-O* | $\times 10^{12}/L$ | 5.70 | ± 0.80 | 4.60 | ± 0.60 | 2.25 | ± 0.25 |
| | | | | | | | | |

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| Instrument | Parameter | | Low | | Normal | | High | |
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| | | | LOT | ME0325A-1 | LOT | ME0325A-2 | LOT | ME0325A-3 |
| BC-6800Plus,BC-6700Plus BC-6600Plus QC Mode | Ret# | $\times 10^{12}/L$ | 0.0704 | ± 0.0561 | 0.2100 | ± 0.0842 | 0.1794 | ± 0.0539 |
| | Ret% | % | 1.18 | ± 0.94 | 4.44 | ± 1.78 | 7.60 | ± 2.28 |
| | IRF | % | 12.2 | ± 15.0 | 10.7 | ± 13.0 | 7.4 | ± 25.0 |
| | LFR | % | 87.8 | ± 15.0 | 89.3 | ± 10.0 | 92.6 | ± 25.0 |
| | MFR | % | 10.1 | ± 12.0 | 8.3 | ± 10.0 | 3.9 | ± 22.0 |
| | HFR | % | 2.1 | ± 3.0 | 2.4 | ± 3.0 | 3.5 | ± 3.0 |
| | RHE | pg | 26.4 | ± 10.0 | 25.0 | ± 10.0 | 21.6 | ± 10.0 |
| | IPF | % | 4.6 | ± 3.5 | 4.7 | ± 3.5 | 4.7 | ± 3.5 |
| | PLT-O | $\times 10^9/L$ | 115 | ± 40 | 320 | ± 60 | 550 | ± 120 |
| | RBC-O* | $\times 10^{12}/L$ | 5.73 | ± 0.80 | 4.64 | ± 0.60 | 2.38 | ± 0.25 |
| | MCVr | fL | 123.4 | ± 15.0 | 117.0 | ± 14.0 | 107.3 | ± 13.5 |
| | MCHr | pg | 34.1 | ± 4.7 | 32.3 | ± 4.5 | 29.6 | ± 4.2 |
| | HDW | g/L | 25.0 | ± 9.3 | 24.9 | ± 9.5 | 25.0 | ± 13.5 |
| | DELTA-CH | pg | 7.3 | ± 3.7 | 6.9 | ± 3.7 | 6.3 | ± 3.7 |
| | HYPO-CH% | % | 2.2 | ± 4.0 | 2.2 | ± 9.5 | 2.2 | ± 19.0 |
| | HYPER-CH% | % | 4.3 | ± 7.4 | 4.5 | ± 4.4 | 4.5 | ± 3.5 |
| | MCHm | pg | 26.8 | ± 5.0 | 25.4 | ± 5.0 | 23.3 | ± 5.0 |
| | IPF# | $\times 10^9/L$ | 4.5 | ± 8.0 | 11.9 | ± 15.0 | 20.0 | ± 30.0 |
| BC-6200,BC-6000Plus BC-6100Plus QC Mode | Ret# | $\times 10^{12}/L$ | 0.0692 | ± 0.0554 | 0.2146 | ± 0.0860 | 0.1863 | ± 0.0560 |
| | Ret% | % | 1.15 | ± 0.92 | 4.47 | ± 1.79 | 7.86 | ± 2.36 |
| | IRF | % | 11.7 | ± 15.0 | 10.8 | ± 13.0 | 7.9 | ± 25.0 |
| | LFR | % | 88.3 | ± 15.0 | 89.2 | ± 10.0 | 92.1 | ± 25.0 |
| | MFR | % | 10.0 | ± 12.0 | 8.6 | ± 10.0 | 4.7 | ± 22.0 |
| | HFR | % | 1.7 | ± 3.0 | 2.2 | ± 3.0 | 3.2 | ± 3.0 |
| | RHE | pg | 24.2 | ± 10.0 | 23.3 | ± 10.0 | 20.6 | ± 10.0 |
| | IPF | % | 4.8 | ± 3.5 | 4.6 | ± 3.5 | 4.6 | ± 3.5 |
| | PLT-O | $\times 10^9/L$ | 116 | ± 40 | 322 | ± 60 | 504 | ± 120 |
| | RBC-O* | $\times 10^{12}/L$ | 5.71 | ± 0.80 | 4.60 | ± 0.60 | 2.23 | ± 0.25 |
| | MCVr | fL | 116.2 | ± 15.0 | 110.1 | ± 14.0 | 101.7 | ± 13.5 |
| | MCHr | pg | 32.0 | ± 4.7 | 30.3 | ± 4.5 | 28.0 | ± 4.2 |
| | HDW | g/L | 24.7 | ± 9.3 | 24.6 | ± 9.5 | 24.6 | ± 13.5 |
| | DELTA-CH | pg | 6.8 | ± 3.7 | 6.5 | ± 3.7 | 5.9 | ± 3.7 |
| | HYPO-CH% | % | 2.2 | ± 4.0 | 2.1 | ± 9.5 | 2.2 | ± 19.0 |
| | HYPER-CH% | % | 4.4 | ± 7.4 | 4.6 | ± 4.4 | 4.7 | ± 3.5 |
| | MCHm | pg | 25.2 | ± 5.0 | 23.8 | ± 5.0 | 22.0 | ± 5.0 |
| | IPF# | $\times 10^9/L$ | 4.8 | ± 8.0 | 13.3 | ± 15.0 | 22.9 | ± 30.0 |

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 ME0325A



2025-05-10

| Instrument | Parameter | | Low | | Normal | | High | |
|---------------------------------------|-----------|--------------------|----------------|-----------|----------------|-----------|----------------|-----------|
| | | | <div>LOT</div> | ME0325A-1 | <div>LOT</div> | ME0325A-2 | <div>LOT</div> | ME0325A-3 |
| BC-7800 (Not applicable to Russia) | Ret# | $\times 10^{12}/L$ | 0.0827 | ± 0.0230 | 0.2304 | ± 0.0990 | 0.1885 | ± 0.0770 |
| | Ret% | % | 1.37 | ± 0.40 | 4.84 | ± 2.00 | 8.16 | ± 3.00 |
| | IRF | % | 10.4 | ± 15.0 | 9.5 | ± 13.0 | 7.1 | ± 25.0 |
| | LFR | % | 89.6 | ± 15.0 | 90.5 | ± 10.0 | 92.9 | ± 25.0 |
| | MFR | % | 8.5 | ± 12.0 | 7.2 | ± 10.0 | 3.8 | ± 22.0 |
| | HFR | % | 1.9 | ± 3.0 | 2.3 | ± 3.0 | 3.3 | ± 3.0 |
| | RHE | pg | 25.2 | ± 10.0 | 23.7 | ± 10.0 | 20.6 | ± 10.0 |
| | IPF | % | 4.6 | ± 15.0 | 4.6 | ± 15.0 | 4.6 | ± 15.0 |
| | PLT-O | $\times 10^9/L$ | 115 | ± 40 | 320 | ± 60 | 500 | ± 120 |
| | RBC-O* | $\times 10^{12}/L$ | 5.79 | ± 0.80 | 4.60 | ± 0.60 | 2.22 | ± 0.25 |
| | MCVr | fL | 115.5 | ± 15.0 | 109.6 | ± 14.0 | 101.2 | ± 13.5 |
| | MCHr | pg | 31.8 | ± 4.7 | 30.1 | ± 4.5 | 27.8 | ± 4.2 |
| | HDW | g/L | 24.7 | ± 9.3 | 24.4 | ± 9.5 | 24.7 | ± 13.5 |
| | DELTA-CH | pg | 6.8 | ± 3.7 | 6.4 | ± 3.7 | 5.8 | ± 3.7 |
| | HYPO-CH% | % | 2.1 | ± 4.0 | 2.2 | ± 9.5 | 2.2 | ± 19.0 |
| | HYPER-CH% | % | 4.5 | ± 7.4 | 4.6 | ± 4.4 | 4.7 | ± 3.5 |
| | MCHm | pg | 25.0 | ± 5.0 | 23.6 | ± 5.0 | 21.9 | ± 5.0 |
| | IPF# | $\times 10^9/L$ | 4.5 | ± 8.0 | 12.3 | ± 15.0 | 21.4 | ± 30.0 |

*Research use only.
AS906 Rev. 18



BC-6000series_ME0325A-1



BC-6000series_ME0325A-2



BC-6000series_ME0325A-3



BC-6800PLUS_ME0325A-1



BC-6800PLUS_ME0325A-2



BC-6800PLUS_ME0325A-3



BC-6800series_ME0325A-1



BC-6800series_ME0325A-2



BC-6800series_ME0325A-3



BC-700series_ME0325A-1



BC-700series_ME0325A-2



BC-700series_ME0325A-3



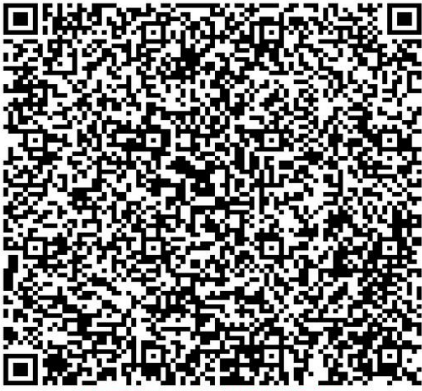
BC-7500series_ME0325A-1



BC-7500series_ME0325A-2



BC-7500series_ME0325A-3



BC-7600series_ME0325A-1



BC-7600series_ME0325A-2



BC-7600series_ME0325A-3