

# BC-BF

## HEMATOLOGY CONTROLS

CONTROL

ASSAY VALUES AND EXPECTED RANGES

**LOT** BFI0525A

2025-07-10

Instrument	Parameter	Low		Normal		High	
		LOT	BFI0525A-1	LOT	BFI0525A-2	LOT	BFI0525A-3
Mindray BC-6800,BC-6600	WBC-BF	$\times 10^9/L$	0.087 ± 0.044	0.266 ± 0.213	1.117 ± 0.223		
	RBC-BF	$\times 10^{12}/L$	0.027 ± 0.008	0.072 ± 0.014	0.494 ± 0.035		
	TC-BF#	$\times 10^9/L$	0.087 ± 0.044	0.266 ± 0.213	1.117 ± 0.223		
	PMN%	%	69.7 ± 12.0	70.7 ± 8.0	88.4 ± 6.0		
	PMN#	$\times 10^9/L$	0.061 ± 0.046	0.188 ± 0.188	0.987 ± 0.278		
	MN%	%	30.3 ± 12.0	29.3 ± 8.0	11.6 ± 6.0		
	MN#	$\times 10^9/L$	0.026 ± 0.026	0.078 ± 0.078	0.130 ± 0.106		
Mindray BC-6000, BC-6100 BC-6200, BC-6000Plus BC-6100Plus	WBC-BF	$\times 10^9/L$	0.087 ± 0.044	0.268 ± 0.214	1.103 ± 0.221		
	RBC-BF	$\times 10^{12}/L$	0.027 ± 0.008	0.068 ± 0.014	0.476 ± 0.033		
	TC-BF#	$\times 10^9/L$	0.088 ± 0.044	0.270 ± 0.216	1.106 ± 0.221		
	PMN%	%	68.9 ± 12.0	69.9 ± 8.0	88.2 ± 6.0		
	PMN#	$\times 10^9/L$	0.060 ± 0.046	0.187 ± 0.187	0.973 ± 0.274		
	MN%	%	31.1 ± 12.0	30.1 ± 8.0	11.8 ± 6.0		
	MN#	$\times 10^9/L$	0.027 ± 0.027	0.081 ± 0.081	0.130 ± 0.106		
Mindray BC-6600Plus BC-6700Plus, BC-6800Plus	WBC-BF	$\times 10^9/L$	0.095 ± 0.048	0.283 ± 0.226	1.170 ± 0.234		
	RBC-BF	$\times 10^{12}/L$	0.028 ± 0.008	0.072 ± 0.014	0.500 ± 0.035		
	TC-BF#	$\times 10^9/L$	0.095 ± 0.048	0.285 ± 0.228	1.173 ± 0.235		
	PMN%	%	71.5 ± 12.0	70.0 ± 8.0	88.4 ± 6.0		
	PMN#	$\times 10^9/L$	0.068 ± 0.051	0.198 ± 0.198	1.034 ± 0.291		
	MN%	%	28.5 ± 12.0	30.0 ± 8.0	11.6 ± 6.0		
	MN#	$\times 10^9/L$	0.027 ± 0.027	0.085 ± 0.085	0.136 ± 0.111		
Mindray BC-700[R] BC-720[R],BC-760[R] BC-780[R],BC-700 [R] CS BC-760[R] CS,BC-700[B] BC-760[B]	WBC-BF	$\times 10^9/L$	0.088 ± 0.044	0.270 ± 0.216	1.091 ± 0.218		
	RBC-BF	$\times 10^{12}/L$	0.026 ± 0.008	0.067 ± 0.013	0.459 ± 0.032		
	TC-BF#	$\times 10^9/L$	0.088 ± 0.044	0.272 ± 0.218	1.093 ± 0.219		
	PMN%	%	68.1 ± 12.0	70.0 ± 8.0	88.1 ± 6.0		
	PMN#	$\times 10^9/L$	0.060 ± 0.046	0.189 ± 0.189	0.961 ± 0.271		
	MN%	%	31.9 ± 12.0	30.0 ± 8.0	11.9 ± 6.0		
	MN#	$\times 10^9/L$	0.028 ± 0.028	0.081 ± 0.081	0.130 ± 0.104		
Mindray BC-7500[B] CRP BC-7500 [R] CRP BC-7500 [N] CRP BC-7500 [NR] CRP	WBC-BF	$\times 10^9/L$	0.084 ± 0.042	0.256 ± 0.205	1.059 ± 0.212		
	RBC-BF	$\times 10^{12}/L$	0.027 ± 0.008	0.073 ± 0.015	0.496 ± 0.035		
	TC-BF#	$\times 10^9/L$	0.084 ± 0.042	0.256 ± 0.205	1.060 ± 0.212		
	PMN%	%	69.9 ± 12.0	70.1 ± 8.0	88.4 ± 6.0		
	PMN#	$\times 10^9/L$	0.059 ± 0.044	0.179 ± 0.179	0.936 ± 0.264		
	MN%	%	30.1 ± 12.0	29.9 ± 8.0	11.6 ± 6.0		
	MN#	$\times 10^9/L$	0.025 ± 0.025	0.077 ± 0.077	0.123 ± 0.101		
Mindray BC-7600, BC-7800, BC-7900 (Not applicable to Russia)	WBC-BF	$\times 10^9/L$	0.089 ± 0.050	0.274 ± 0.150	1.124 ± 0.200		
	RBC-BF	$\times 10^{12}/L$	0.028 ± 0.020	0.074 ± 0.060	0.513 ± 0.100		
	TC-BF#	$\times 10^9/L$	0.089 ± 0.050	0.276 ± 0.150	1.127 ± 0.200		
	PMN%	%	69.8 ± 65.0	70.4 ± 65.0	88.2 ± 65.0		
	PMN#	$\times 10^9/L$	0.062 ± 0.032	0.193 ± 0.163	0.991 ± 0.650		
	MN%	%	30.2 ± 25.0	29.6 ± 25.0	11.8 ± 25.0		
	MN#	$\times 10^9/L$	0.027 ± 0.013	0.081 ± 0.063	0.133 ± 0.250		

AIS921 Rev. 04