

AS906 Rev.010

BC-RET

HEMATOLOGY CONTROLS

CONTROL

ASSAY VALUES AND EXPECTED RANGES

 **ME0926A**
**2026-11-10**

Instrument	Parameter		Low		Normal		High	
			 ME0926A-1		 ME0926A-2		 ME0926A-3	
BC-700[R]	Ret#	$\times 10^{12}/L$	0.0861	± 0.0726	0.2293	± 0.0990	0.1781	± 0.0770
BC-720[R]	Ret%	%	1.47	± 1.28	5.04	± 2.05	8.17	± 3.00
BC-760[R]	IRF	%	12.3	± 15.0	12.2	± 15.0	8.5	± 25.0
BC-780[R]	LFR	%	87.7	± 15.0	87.8	± 10.0	91.5	± 25.0
BC-700[R] CS	MFR	%	10.6	± 12.0	10.4	± 10.0	5.4	± 22.0
BC-760[R] CS	HFR	%	1.7	± 3.0	1.8	± 3.0	3.1	± 3.0
QC Mode	RHE	pg	24.5	± 10.0	22.9	± 10.0	21.2	± 10.0
	IPF	%	7.6	± 5.0	7.6	± 5.0	7.5	± 5.0
	PLT-O	$\times 10^9/L$	129	± 40	307	± 60	586	± 120
	RBC-O*	$\times 10^{12}/L$	5.76	± 0.80	4.57	± 0.60	2.21	± 0.25
BC-7500[R] CRP	Ret#	$\times 10^{12}/L$	0.0757	± 0.0726	0.2002	± 0.0990	0.1678	± 0.0770
BC-7500[NR] CRP	Ret%	%	1.29	± 1.28	4.39	± 2.05	7.77	± 3.00
BC-7300[R] CRP	IRF	%	10.6	± 15.0	10.6	± 15.0	7.2	± 25.0
BC-7300[NR] CRP	LFR	%	89.4	± 15.0	89.4	± 10.0	92.8	± 25.0
BC-7500[R] CS	MFR	%	8.6	± 12.0	8.5	± 10.0	3.7	± 22.0
BC-7500[NR] CS	HFR	%	2.0	± 3.0	2.1	± 3.0	3.5	± 3.0
QC Mode	RHE	pg	23.0	± 10.0	21.8	± 10.0	20.8	± 10.0
	IPF	%	4.7	± 5.0	4.6	± 5.0	4.6	± 5.0
	PLT-O*	$\times 10^9/L$	129	± 40	293	± 60	532	± 120
	RBC-O*	$\times 10^{12}/L$	5.66	± 0.80	4.47	± 0.60	2.11	± 0.25
BC-6800Plus,BC-6700Plus	Ret#	$\times 10^{12}/L$	0.0764	± 0.0726	0.1983	± 0.0990	0.1643	± 0.0770
BC-6600Plus	Ret%	%	1.31	± 1.28	4.34	± 2.05	7.40	± 3.00
QC Mode	IRF	%	12.1	± 15.0	11.5	± 15.0	8.6	± 25.0
	LFR	%	87.9	± 15.0	88.5	± 10.0	91.4	± 25.0
	MFR	%	9.5	± 12.0	8.9	± 10.0	5.3	± 22.0
	HFR	%	2.6	± 3.0	2.6	± 3.0	3.3	± 3.0
	RHE	pg	27.0	± 10.0	25.2	± 10.0	23.5	± 10.0
	IPF	%	4.8	± 5.0	4.7	± 5.0	4.7	± 5.0
	PLT-O	$\times 10^9/L$	127	± 40	293	± 60	563	± 120
	RBC-O*	$\times 10^{12}/L$	5.53	± 0.80	4.44	± 0.60	2.21	± 0.25
	MCVr	fL	126.8	± 15.0	120.1	± 14.0	113.5	± 13.5
	MCHr	pg	35.1	± 4.7	33.2	± 4.5	31.4	± 4.2
	HDW	g/L	25.1	± 9.3	25.0	± 9.5	25.1	± 13.5
	DELTA-CH	pg	7.5	± 3.7	7.1	± 3.7	6.6	± 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	27.6	± 5.0	26.1	± 5.0	24.7	± 5.0
	IPF#	$\times 10^9/L$	4.8	± 8.0	11.5	± 15.0	21.2	± 30.0
BC-6800	Ret#	$\times 10^{12}/L$	0.0627	± 0.0726	0.1930	± 0.0990	0.1684	± 0.0770
BC-6600	Ret%	%	1.09	± 1.28	4.25	± 2.05	7.62	± 3.00
QC Mode	IRF	%	8.5	± 15.0	8.6	± 15.0	7.9	± 25.0
	LFR	%	91.5	± 15.0	91.4	± 10.0	92.1	± 25.0
	MFR	%	7.4	± 12.0	7.6	± 10.0	6.8	± 22.0
	HFR	%	1.1	± 3.0	1.0	± 3.0	1.1	± 3.0
	RHE	pg	25.8	± 10.0	24.0	± 10.0	23.1	± 10.0
	IPF	%	8.5	± 5.0	8.6	± 5.0	8.5	± 5.0
	PLT-O*	$\times 10^9/L$	144	± 40	309	± 60	551	± 120
	RBC-O*	$\times 10^{12}/L$	5.52	± 0.80	4.41	± 0.60	2.13	± 0.25

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BC-6200, Counter 60 AL, BC-6000Plus BC-6100Plus QC Mode	Ret#	$\times 10^{12}/L$	0.0721	± 0.0726	0.2043	± 0.0990	0.1738	± 0.0770
	Ret%	%	1.23	± 1.28	4.45	± 2.05	7.83	± 3.00
	IRF	%	11.9	± 15.0	12.1	± 15.0	7.9	± 25.0
	LFR	%	88.1	± 15.0	87.9	± 10.0	92.1	± 25.0
	MFR	%	10.1	± 12.0	10.3	± 10.0	4.7	± 22.0
	HFR	%	1.8	± 3.0	1.8	± 3.0	3.2	± 3.0
	RHE	pg	23.9	± 10.0	22.6	± 10.0	21.5	± 10.0
	IPF	%	4.7	± 5.0	4.7	± 5.0	4.6	± 5.0
	PLT-O	$\times 10^9/L$	130	± 40	294	± 60	525	± 120
	RBC-O*	$\times 10^{12}/L$	5.63	± 0.80	4.46	± 0.60	2.12	± 0.25
	MCVr	fL	117.3	± 15.0	111.4	± 14.0	105.5	± 13.5
	MCHr	pg	32.4	± 4.7	30.7	± 4.5	29.1	± 4.2
	HDW	g/L	24.8	± 9.3	24.7	± 9.5	24.8	± 13.5
	DELTA-CH	pg	7.0	± 3.7	6.5	± 3.7	6.1	± 3.7
	HYPO-CH%	%	2.2	± 4.0	2.2	± 9.5	2.2	± 19.0
	HYPER-CH%	%	4.6	± 7.4	4.6	± 4.4	4.8	± 3.5
	MCHm	pg	25.4	± 5.0	24.2	± 5.0	22.9	± 5.0
	IPF#	$\times 10^9/L$	5.1	± 8.0	12.2	± 15.0	23.7	± 30.0
BC-7800 (Not applicable to Russia)	Ret#	$\times 10^{12}/L$	0.0820	± 0.0726	0.2143	± 0.0990	0.1732	± 0.0770
	Ret%	%	1.40	± 1.28	4.70	± 2.05	8.02	± 3.00
	IRF	%	10.5	± 15.0	10.9	± 15.0	7.3	± 25.0
	LFR	%	89.5	± 15.0	89.1	± 10.0	92.7	± 25.0
	MFR	%	8.6	± 12.0	9.0	± 10.0	4.0	± 22.0
	HFR	%	1.9	± 3.0	1.9	± 3.0	3.3	± 3.0
	RHE	pg	25.2	± 10.0	23.6	± 10.0	22.1	± 10.0
	IPF	%	4.7	± 5.0	4.7	± 5.0	4.6	± 5.0
	PLT-O	$\times 10^9/L$	128	± 40	296	± 60	536	± 120
	RBC-O*	$\times 10^{12}/L$	5.60	± 0.80	4.43	± 0.60	2.09	± 0.25
	MCVr	fL	118.0	± 15.0	112.3	± 14.0	106.4	± 13.5
	MCHr	pg	32.6	± 4.7	31.0	± 4.5	29.3	± 4.2
	HDW	g/L	24.9	± 9.3	24.6	± 9.5	24.7	± 13.5
	DELTA-CH	pg	7.0	± 3.7	6.7	± 3.7	6.2	± 3.7
	HYPO-CH%	%	2.2	± 4.0	2.2	± 9.5	2.2	± 19.0
	HYPER-CH%	%	4.5	± 7.4	4.6	± 4.4	4.8	± 3.5
	MCHm	pg	25.6	± 5.0	24.3	± 5.0	23.1	± 5.0
	IPF#	$\times 10^9/L$	4.9	± 8.0	11.7	± 15.0	22.3	± 30.0

*Research use only.
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