

AS906 Rev.011

BC-RET

HEMATOLOGY CONTROLS

CONTROL

ASSAY VALUES AND EXPECTED RANGES

 **ME1126A**
**2027-01-10**

Instrument	Parameter		Low		Normal		High	
			 ME1126A-1		 ME1126A-2		 ME1126A-3	
BC-700[R]	Ret#	$\times 10^{12}/L$	0.0826	± 0.0726	0.2121	± 0.0990	0.1727	± 0.0770
BC-720[R]	Ret%	%	1.40	± 1.28	4.61	± 2.05	7.85	± 3.00
BC-760[R]	IRF	%	13.5	± 15.0	13.1	± 15.0	9.4	± 25.0
BC-780[R]	LFR	%	86.5	± 15.0	86.9	± 10.0	90.6	± 25.0
BC-700[R] CS	MFR	%	12.3	± 12.0	11.6	± 10.0	7.0	± 22.0
BC-760[R] CS	HFR	%	1.2	± 3.0	1.5	± 3.0	2.4	± 3.0
QC Mode	RHE	pg	25.1	± 10.0	25.4	± 10.0	22.4	± 10.0
	IPF	%	7.8	± 5.0	7.6	± 5.0	7.6	± 5.0
	PLT-O	$\times 10^9/L$	116	± 40	315	± 60	534	± 120
	RBC-O*	$\times 10^{12}/L$	5.72	± 0.80	4.51	± 0.60	2.24	± 0.25
BC-7500[R] CRP	Ret#	$\times 10^{12}/L$	0.0753	± 0.0726	0.1910	± 0.0990	0.1644	± 0.0770
BC-7500[NR] CRP	Ret%	%	1.28	± 1.28	4.17	± 2.05	7.61	± 3.00
BC-7300[R] CRP	IRF	%	12.0	± 15.0	11.2	± 15.0	7.9	± 25.0
BC-7300[NR] CRP	LFR	%	88.0	± 15.0	88.8	± 10.0	92.1	± 25.0
BC-7500[R] CS	MFR	%	10.6	± 12.0	9.5	± 10.0	5.1	± 22.0
BC-7500[NR] CS	HFR	%	1.4	± 3.0	1.7	± 3.0	2.8	± 3.0
QC Mode	RHE	pg	23.2	± 10.0	24.1	± 10.0	21.7	± 10.0
	IPF	%	4.7	± 5.0	4.7	± 5.0	4.6	± 5.0
	PLT-O*	$\times 10^9/L$	121	± 40	307	± 60	490	± 120
	RBC-O*	$\times 10^{12}/L$	5.67	± 0.80	4.46	± 0.60	2.10	± 0.25
BC-6800Plus,BC-6700Plus	Ret#	$\times 10^{12}/L$	0.0682	± 0.0726	0.1842	± 0.0990	0.1600	± 0.0770
BC-6600Plus	Ret%	%	1.17	± 1.28	4.03	± 2.05	7.24	± 3.00
QC Mode	IRF	%	14.1	± 15.0	13.0	± 15.0	8.8	± 25.0
	LFR	%	85.9	± 15.0	87.0	± 10.0	91.2	± 25.0
	MFR	%	12.6	± 12.0	11.1	± 10.0	6.0	± 22.0
	HFR	%	1.5	± 3.0	1.9	± 3.0	2.8	± 3.0
	RHE	pg	26.5	± 10.0	27.5	± 10.0	24.4	± 10.0
	IPF	%	4.9	± 5.0	4.7	± 5.0	4.7	± 5.0
	PLT-O	$\times 10^9/L$	117	± 40	299	± 60	530	± 120
	RBC-O*	$\times 10^{12}/L$	5.54	± 0.80	4.45	± 0.60	2.23	± 0.25
	MCVr	fL	125.9	± 15.0	120.6	± 14.0	111.6	± 13.5
	MCHr	pg	34.9	± 4.7	33.4	± 4.5	30.9	± 4.2
	HDW	g/L	24.8	± 9.3	24.9	± 9.5	25.1	± 13.5
	DELTA-CH	pg	7.5	± 3.7	7.2	± 3.7	6.7	± 3.7
	HYPO-CH%	%	2.2	± 4.0	2.1	± 9.5	2.1	± 19.0
	HYPER-CH%	%	4.2	± 7.4	4.5	± 4.4	4.7	± 3.5
	MCHm	pg	27.4	± 5.0	26.2	± 5.0	24.2	± 5.0
	IPF#	$\times 10^9/L$	4.8	± 8.0	11.7	± 15.0	20.4	± 30.0
BC-6800	Ret#	$\times 10^{12}/L$	0.0577	± 0.0726	0.1834	± 0.0990	0.1649	± 0.0770
BC-6600	Ret%	%	1.00	± 1.28	4.04	± 2.05	7.53	± 3.00
QC Mode	IRF	%	8.4	± 15.0	8.8	± 15.0	7.7	± 25.0
	LFR	%	91.6	± 15.0	91.2	± 10.0	92.3	± 25.0
	MFR	%	7.3	± 12.0	7.8	± 10.0	6.5	± 22.0
	HFR	%	1.1	± 3.0	1.0	± 3.0	1.2	± 3.0
	RHE	pg	25.6	± 10.0	26.3	± 10.0	23.8	± 10.0
	IPF	%	8.6	± 5.0	8.6	± 5.0	8.5	± 5.0
	PLT-O*	$\times 10^9/L$	132	± 40	313	± 60	506	± 120
	RBC-O*	$\times 10^{12}/L$	5.53	± 0.80	4.42	± 0.60	2.14	± 0.25

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Instrument	Parameter		Low		Normal		High	
			LOT	ME1126A-1	LOT	ME1126A-2	LOT	ME1126A-3
BC-6200, Counter 60 AL, BC-6000Plus BC-6100Plus QC Mode	Ret#	$\times 10^{12}/L$	0.0696	$\pm$ 0.0726	0.1909	$\pm$ 0.0990	0.1684	$\pm$ 0.0770
	Ret%	%	1.18	$\pm$ 1.28	4.14	$\pm$ 2.05	7.62	$\pm$ 3.00
	IRF	%	13.5	$\pm$ 15.0	12.9	$\pm$ 15.0	8.4	$\pm$ 25.0
	LFR	%	86.5	$\pm$ 15.0	87.1	$\pm$ 10.0	91.6	$\pm$ 25.0
	MFR	%	12.2	$\pm$ 12.0	11.3	$\pm$ 10.0	5.7	$\pm$ 22.0
	HFR	%	1.3	$\pm$ 3.0	1.6	$\pm$ 3.0	2.7	$\pm$ 3.0
	RHE	pg	23.5	$\pm$ 10.0	24.7	$\pm$ 10.0	22.4	$\pm$ 10.0
	IPF	%	4.8	$\pm$ 5.0	4.6	$\pm$ 5.0	4.5	$\pm$ 5.0
	PLT-O	$\times 10^9/L$	121	$\pm$ 40	303	$\pm$ 60	487	$\pm$ 120
	RBC-O*	$\times 10^{12}/L$	5.64	$\pm$ 0.80	4.44	$\pm$ 0.60	2.13	$\pm$ 0.25
	MCVr	fL	117.1	$\pm$ 15.0	112.5	$\pm$ 14.0	104.3	$\pm$ 13.5
	MCHr	pg	32.2	$\pm$ 4.7	30.9	$\pm$ 4.5	28.7	$\pm$ 4.2
	HDW	g/L	24.8	$\pm$ 9.3	24.8	$\pm$ 9.5	24.7	$\pm$ 13.5
	DELTA-CH	pg	6.9	$\pm$ 3.7	6.7	$\pm$ 3.7	6.2	$\pm$ 3.7
	HYPO-CH%	%	2.2	$\pm$ 4.0	2.0	$\pm$ 9.5	2.0	$\pm$ 19.0
	HYPER-CH%	%	4.5	$\pm$ 7.4	4.7	$\pm$ 4.4	4.8	$\pm$ 3.5
	MCHm	pg	25.3	$\pm$ 5.0	24.3	$\pm$ 5.0	22.5	$\pm$ 5.0
	IPF#	$\times 10^9/L$	5.0	$\pm$ 8.0	12.9	$\pm$ 15.0	22.7	$\pm$ 30.0
BC-7800 BC-7900 BC-7800Plus BC-7900Plus (Not applicable to Russia)	Ret#	$\times 10^{12}/L$	0.0783	$\pm$ 0.0726	0.1983	$\pm$ 0.0990	0.1699	$\pm$ 0.0770
	Ret%	%	1.33	$\pm$ 1.28	4.33	$\pm$ 2.05	7.76	$\pm$ 3.00
	IRF	%	11.8	$\pm$ 15.0	11.6	$\pm$ 15.0	8.2	$\pm$ 25.0
	LFR	%	88.2	$\pm$ 15.0	88.4	$\pm$ 10.0	91.8	$\pm$ 25.0
	MFR	%	10.6	$\pm$ 12.0	10.1	$\pm$ 10.0	5.7	$\pm$ 22.0
	HFR	%	1.2	$\pm$ 3.0	1.5	$\pm$ 3.0	2.5	$\pm$ 3.0
	RHE	pg	26.3	$\pm$ 10.0	26.9	$\pm$ 10.0	23.9	$\pm$ 10.0
	IPF	%	4.7	$\pm$ 5.0	4.6	$\pm$ 5.0	4.5	$\pm$ 5.0
	PLT-O	$\times 10^9/L$	117	$\pm$ 40	303	$\pm$ 60	503	$\pm$ 120
	RBC-O*	$\times 10^{12}/L$	5.62	$\pm$ 0.80	4.45	$\pm$ 0.60	2.16	$\pm$ 0.25
	MCVr	fL	122.7	$\pm$ 15.0	117.4	$\pm$ 14.0	109.2	$\pm$ 13.5
	MCHr	pg	33.9	$\pm$ 4.7	32.4	$\pm$ 4.5	30.1	$\pm$ 4.2
	HDW	g/L	24.7	$\pm$ 9.3	24.6	$\pm$ 9.5	24.6	$\pm$ 13.5
	DELTA-CH	pg	7.3	$\pm$ 3.7	7.0	$\pm$ 3.7	6.5	$\pm$ 3.7
	HYPO-CH%	%	2.2	$\pm$ 4.0	2.1	$\pm$ 9.5	2.1	$\pm$ 19.0
	HYPER-CH%	%	4.5	$\pm$ 7.4	4.6	$\pm$ 4.4	4.7	$\pm$ 3.5
	MCHm	pg	26.7	$\pm$ 5.0	25.4	$\pm$ 5.0	23.6	$\pm$ 5.0
	IPF#	$\times 10^9/L$	4.9	$\pm$ 8.0	12.1	$\pm$ 15.0	21.8	$\pm$ 30.0

*Research use only.
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