

# BC-RET

## HEMATOLOGY CONTROLS

CONTROL

ASSAY VALUES AND EXPECTED RANGES

**LOT** ME0126A



2026-03-10

Instrument	Parameter		Low		Normal		High	
			<b>LOT</b>	ME0126A-1	<b>LOT</b>	ME0126A-2	<b>LOT</b>	ME0126A-3
BC-700[R]	Ret#	$\times 10^{12}/L$	0.0764	± 0.0610	0.2333	± 0.0936	0.1895	± 0.0568
BC-720[R]	Ret%	%	1.29	± 1.03	4.89	± 1.96	8.31	± 2.49
BC-760[R]	IRF	%	12.3	± 15.0	12.7	± 13.0	9.3	± 25.0
BC-780[R]	LFR	%	87.7	± 15.0	87.3	± 10.0	90.7	± 25.0
BC-700[R] CS	MFR	%	10.7	± 12.0	11.4	± 10.0	6.4	± 22.0
BC-760[R] CS	HFR	%	1.6	± 3.0	1.3	± 3.0	2.9	± 3.0
QC Mode	RHE	pg	24.3	± 10.0	22.6	± 10.0	19.8	± 10.0
	IPF	%	7.5	± 3.5	7.5	± 3.5	7.6	± 3.5
	PLT-O	$\times 10^9/L$	127	± 40	324	± 60	604	± 120
	RBC-O*	$\times 10^{12}/L$	5.78	± 0.80	4.68	± 0.60	2.29	± 0.25
BC-7500[R] CRP	Ret#	$\times 10^{12}/L$	0.0683	± 0.0548	0.2006	± 0.0803	0.1756	± 0.0527
BC-7500[NR] CRP	Ret%	%	1.16	± 0.93	4.25	± 1.70	7.84	± 2.35
BC-7300[R] CRP	IRF	%	10.7	± 15.0	11.0	± 13.0	7.5	± 25.0
BC-7300[NR] CRP	LFR	%	89.3	± 15.0	89.0	± 10.0	92.5	± 25.0
BC-7500[R] CS	MFR	%	8.8	± 12.0	9.3	± 10.0	4.0	± 22.0
BC-7500[NR] CS	HFR	%	1.9	± 3.0	1.7	± 3.0	3.5	± 3.0
QC Mode	RHE	pg	23.6	± 10.0	22.3	± 10.0	20.1	± 10.0
	IPF	%	4.6	± 3.5	4.6	± 3.5	4.6	± 3.5
	PLT-O*	$\times 10^9/L$	129	± 40	314	± 60	546	± 120
	RBC-O*	$\times 10^{12}/L$	5.73	± 0.80	4.63	± 0.60	2.18	± 0.25
BC-6800	Ret#	$\times 10^{12}/L$	0.0585	± 0.0470	0.1946	± 0.0779	0.1745	± 0.0525
BC-6600	Ret%	%	1.01	± 0.81	4.15	± 1.66	7.62	± 2.29
QC Mode	IRF	%	8.9	± 15.0	8.4	± 13.0	8.0	± 25.0
	LFR	%	91.1	± 15.0	91.6	± 10.0	92.0	± 25.0
	MFR	%	7.9	± 12.0	7.3	± 10.0	6.9	± 22.0
	HFR	%	1.0	± 3.0	1.1	± 3.0	1.1	± 3.0
	RHE	pg	24.1	± 10.0	22.2	± 10.0	21.4	± 10.0
	IPF	%	8.5	± 3.5	8.6	± 3.5	8.5	± 3.5
	PLT-O*	$\times 10^9/L$	141	± 40	323	± 60	580	± 120
	RBC-O*	$\times 10^{12}/L$	5.56	± 0.80	4.58	± 0.60	2.23	± 0.25

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BC-6800Plus,BC-6700Plus BC-6600Plus QC Mode	Ret#	$\times 10^{12}/L$	0.0679	± 0.0545	0.1967	± 0.0787	0.1755	± 0.0527
	Ret%	%	1.16	± 0.93	4.15	± 1.66	7.50	± 2.25
	IRF	%	12.9	± 15.0	12.2	± 13.0	7.5	± 25.0
	LFR	%	87.1	± 15.0	87.8	± 10.0	92.5	± 25.0
	MFR	%	10.8	± 12.0	10.4	± 10.0	3.9	± 22.0
	HFR	%	2.1	± 3.0	1.8	± 3.0	3.6	± 3.0
	RHE	pg	26.9	± 10.0	25.2	± 10.0	22.0	± 10.0
	IPF	%	4.6	± 3.5	4.6	± 3.5	4.6	± 3.5
	PLT-O	$\times 10^9/L$	126	± 40	311	± 60	594	± 120
	RBC-O*	$\times 10^{12}/L$	5.59	± 0.80	4.63	± 0.60	2.32	± 0.25
	MCVr	fL	126.1	± 15.0	118.8	± 14.0	113.2	± 13.5
	MCHr	pg	35.0	± 4.7	32.9	± 4.5	31.3	± 4.2
	HDW	g/L	25.1	± 9.3	24.9	± 9.5	25.2	± 13.5
	DELTA-CH	pg	7.5	± 3.7	7.0	± 3.7	6.5	± 3.7
	HYPO-CH%	%	2.2	± 4.0	2.1	± 9.5	2.2	± 19.0
	HYPER-CH%	%	4.3	± 7.4	4.5	± 4.4	4.6	± 3.5
	MCHm	pg	27.5	± 5.0	25.8	± 5.0	24.8	± 5.0
	IPF#	$\times 10^9/L$	4.6	± 8.0	11.8	± 15.0	21.2	± 30.0
BC-6200,BC-6000Plus BC-6100Plus QC Mode	Ret#	$\times 10^{12}/L$	0.0662	± 0.0532	0.2041	± 0.0815	0.1803	± 0.0541
	Ret%	%	1.12	± 0.90	4.26	± 1.70	7.84	± 2.35
	IRF	%	12.5	± 15.0	12.2	± 13.0	8.4	± 25.0
	LFR	%	87.5	± 15.0	87.8	± 10.0	91.6	± 25.0
	MFR	%	10.8	± 12.0	10.7	± 10.0	5.4	± 22.0
	HFR	%	1.7	± 3.0	1.5	± 3.0	3.0	± 3.0
	RHE	pg	24.1	± 10.0	22.7	± 10.0	20.5	± 10.0
	IPF	%	4.6	± 3.5	4.6	± 3.5	4.6	± 3.5
	PLT-O	$\times 10^9/L$	127	± 40	307	± 60	540	± 120
	RBC-O*	$\times 10^{12}/L$	5.65	± 0.80	4.60	± 0.60	2.19	± 0.25
	MCVr	fL	118.1	± 15.0	111.3	± 14.0	106.8	± 13.5
	MCHr	pg	32.6	± 4.7	30.6	± 4.5	29.5	± 4.2
	HDW	g/L	24.8	± 9.3	24.8	± 9.5	25.0	± 13.5
	DELTA-CH	pg	7.0	± 3.7	6.5	± 3.7	6.2	± 3.7
	HYPO-CH%	%	2.2	± 4.0	2.2	± 9.5	2.2	± 19.0
	HYPER-CH%	%	4.4	± 7.4	4.5	± 4.4	4.8	± 3.5
	MCHm	pg	25.6	± 5.0	24.1	± 5.0	23.3	± 5.0
	IPF#	$\times 10^9/L$	5.0	± 8.0	13.0	± 15.0	24.6	± 30.0

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CONTROL

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LOT

 ME0126A


2026-03-10

Instrument	Parameter		Low		Normal		High	
			LOT	ME0126A-1	LOT	ME0126A-2	LOT	ME0126A-3
BC-7800 (Not applicable to Russia)	Ret#	$\times 10^{12}/L$	0.0761	± 0.0230	0.2133	± 0.0990	0.1829	± 0.0770
	Ret%	%	1.29	± 0.40	4.52	± 2.00	8.13	± 3.00
	IRF	%	11.1	± 15.0	11.0	± 13.0	7.6	± 25.0
	LFR	%	88.9	± 15.0	89.0	± 10.0	92.4	± 25.0
	MFR	%	9.1	± 12.0	9.5	± 10.0	4.2	± 22.0
	HFR	%	2.0	± 3.0	1.5	± 3.0	3.4	± 3.0
	RHE	pg	25.0	± 10.0	23.4	± 10.0	20.9	± 10.0
	IPF	%	4.6	± 15.0	4.7	± 15.0	4.6	± 15.0
	PLT-O	$\times 10^9/L$	127	± 40	309	± 60	551	± 120
	RBC-O*	$\times 10^{12}/L$	5.64	± 0.80	4.60	± 0.60	2.19	± 0.25
	MCVr	fL	117.6	± 15.0	111.2	± 14.0	106.8	± 13.5
	MCHr	pg	32.4	± 4.7	30.6	± 4.5	29.5	± 4.2
	HDW	g/L	24.7	± 9.3	24.5	± 9.5	25.1	± 13.5
	DELTA-CH	pg	7.0	± 3.7	6.6	± 3.7	6.2	± 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	4.6	± 3.5
	MCHm	pg	25.5	± 5.0	24.0	± 5.0	23.3	± 5.0
	IPF#	$\times 10^9/L$	4.7	± 8.0	12.3	± 15.0	23.0	± 30.0

\*Research use only.  
AS906 Rev. 18



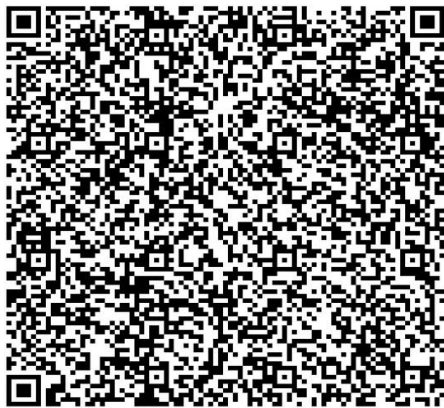
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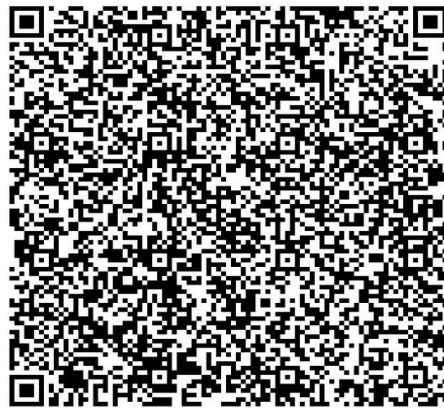
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BC-6800series\_ME0126A-2



BC-6800series\_ME0126A-3



BC-700series\_ME0126A-1



BC-700series\_ME0126A-2



BC-700series\_ME0126A-3



BC-7500series\_ME0126A-1



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BC-7500series\_ME0126A-3



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