

BC-RET

HEMATOLOGY CONTROLS

CONTROL

ASSAY VALUES AND EXPECTED RANGES

LOT ME0526A



2026-07-10

Instrument	Parameter		Low		Normal		High	
			LOT	ME0526A-1	LOT	ME0526A-2	LOT	ME0526A-3
BC-700[R]	Ret#	$\times 10^{12}/L$	0.0634	± 0.0505	0.2204	± 0.0883	0.1855	± 0.0558
BC-720[R]	Ret%	%	1.08	± 0.86	4.67	± 1.87	8.32	± 2.50
BC-760[R]	IRF	%	11.3	± 15.0	11.2	± 13.0	7.7	± 25.0
BC-780[R]	LFR	%	88.7	± 15.0	88.8	± 10.0	92.3	± 25.0
BC-700[R] CS	MFR	%	9.4	± 12.0	9.3	± 10.0	4.4	± 22.0
BC-760[R] CS	HFR	%	1.9	± 3.0	1.9	± 3.0	3.3	± 3.0
QC Mode	RHE	pg	24.3	± 10.0	23.2	± 10.0	20.4	± 10.0
	IPF	%	7.6	± 3.5	7.6	± 3.5	7.6	± 3.5
	PLT-O	$\times 10^9/L$	130	± 40	344	± 60	590	± 120
	RBC-O*	$\times 10^{12}/L$	5.76	± 0.80	4.70	± 0.60	2.27	± 0.25
BC-7500[R] CRP	Ret#	$\times 10^{12}/L$	0.0617	± 0.0493	0.1950	± 0.0782	0.1718	± 0.0515
BC-7500[NR] CRP	Ret%	%	1.04	± 0.83	4.14	± 1.66	7.81	± 2.34
BC-7300[R] CRP	IRF	%	9.4	± 15.0	9.2	± 13.0	7.4	± 25.0
BC-7300[NR] CRP	LFR	%	90.6	± 15.0	90.8	± 10.0	92.6	± 25.0
BC-7500[R] CS	MFR	%	7.1	± 12.0	6.8	± 10.0	4.0	± 22.0
BC-7500[NR] CS	HFR	%	2.3	± 3.0	2.4	± 3.0	3.4	± 3.0
QC Mode	RHE	pg	23.8	± 10.0	23.0	± 10.0	21.2	± 10.0
	IPF	%	4.6	± 3.5	4.6	± 3.5	4.6	± 3.5
	PLT-O*	$\times 10^9/L$	131	± 40	333	± 60	530	± 120
	RBC-O*	$\times 10^{12}/L$	5.74	± 0.80	4.64	± 0.60	2.15	± 0.25
BC-6800	Ret#	$\times 10^{12}/L$	0.0472	± 0.0379	0.1874	± 0.0751	0.1737	± 0.0523
BC-6600	Ret%	%	0.81	± 0.65	3.97	± 1.59	7.65	± 2.30
QC Mode	IRF	%	7.5	± 15.0	7.8	± 13.0	7.3	± 25.0
	LFR	%	92.5	± 15.0	92.2	± 10.0	92.7	± 25.0
	MFR	%	6.3	± 12.0	6.5	± 10.0	6.0	± 22.0
	HFR	%	1.2	± 3.0	1.3	± 3.0	1.3	± 3.0
	RHE	pg	24.6	± 10.0	23.5	± 10.0	22.1	± 10.0
	IPF	%	8.5	± 3.5	8.5	± 3.5	8.5	± 3.5
	PLT-O*	$\times 10^9/L$	145	± 40	350	± 60	563	± 120
	RBC-O*	$\times 10^{12}/L$	5.62	± 0.80	4.59	± 0.60	2.20	± 0.25

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BC-6800Plus,BC-6700Plus BC-6600Plus QC Mode	Ret#	$\times 10^{12}/L$	0.0591	± 0.0473	0.1916	± 0.0767	0.1708	± 0.0513
	Ret%	%	1.00	± 0.80	4.05	± 1.62	7.49	± 2.25
	IRF	%	10.3	± 15.0	9.9	± 13.0	7.7	± 25.0
	LFR	%	89.7	± 15.0	90.1	± 10.0	92.3	± 25.0
	MFR	%	7.6	± 12.0	7.1	± 10.0	4.2	± 22.0
	HFR	%	2.7	± 3.0	2.8	± 3.0	3.5	± 3.0
	RHE	pg	26.3	± 10.0	25.7	± 10.0	23.2	± 10.0
	IPF	%	4.6	± 3.5	4.6	± 3.5	4.6	± 3.5
	PLT-O	$\times 10^9/L$	127	± 40	330	± 60	561	± 120
	RBC-O*	$\times 10^{12}/L$	5.64	± 0.80	4.61	± 0.60	2.27	± 0.25
	MCVr	fL	124.8	± 15.0	118.8	± 14.0	113.2	± 13.5
	MCHr	pg	34.6	± 4.7	32.8	± 4.5	31.3	± 4.2
	HDW	g/L	24.9	± 9.3	24.9	± 9.5	25.6	± 13.5
	DELTA-CH	pg	7.4	± 3.7	7.1	± 3.7	6.6	± 3.7
	HYPO-CH%	%	2.2	± 4.0	2.2	± 9.5	2.3	± 19.0
	HYPER-CH%	%	4.4	± 7.4	4.5	± 4.4	4.7	± 3.5
	MCHm	pg	27.2	± 5.0	25.8	± 5.0	24.7	± 5.0
	IPF#	$\times 10^9/L$	4.8	± 8.0	12.2	± 15.0	20.9	± 30.0
BC-6200,Counter 60 AL, BC-6000Plus BC-6100Plus QC Mode	Ret#	$\times 10^{12}/L$	0.0570	± 0.0458	0.1965	± 0.0787	0.1792	± 0.0538
	Ret%	%	0.96	± 0.77	4.12	± 1.65	7.86	± 2.36
	IRF	%	10.9	± 15.0	10.9	± 13.0	7.7	± 25.0
	LFR	%	89.1	± 15.0	89.1	± 10.0	92.3	± 25.0
	MFR	%	8.8	± 12.0	8.7	± 10.0	4.3	± 22.0
	HFR	%	2.1	± 3.0	2.2	± 3.0	3.4	± 3.0
	RHE	pg	24.3	± 10.0	23.9	± 10.0	22.0	± 10.0
	IPF	%	4.6	± 3.5	4.6	± 3.5	4.6	± 3.5
	PLT-O	$\times 10^9/L$	130	± 40	328	± 60	517	± 120
	RBC-O*	$\times 10^{12}/L$	5.70	± 0.80	4.60	± 0.60	2.16	± 0.25
	MCVr	fL	116.7	± 15.0	111.4	± 14.0	106.7	± 13.5
	MCHr	pg	32.2	± 4.7	30.6	± 4.5	29.4	± 4.2
	HDW	g/L	24.8	± 9.3	24.7	± 9.5	24.9	± 13.5
	DELTA-CH	pg	6.9	± 3.7	6.6	± 3.7	6.2	± 3.7
	HYPO-CH%	%	2.1	± 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	25.3	± 5.0	24.1	± 5.0	23.2	± 5.0
	IPF#	$\times 10^9/L$	5.1	± 8.0	13.3	± 15.0	23.4	± 30.0

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BC-7800 (Not applicable to Russia)	Ret#	$\times 10^{12}/L$	0.0642	\pm 0.0230	0.2058	\pm 0.0990	0.1796	\pm 0.0770
	Ret%	%	1.08	\pm 0.40	4.36	\pm 2.00	8.09	\pm 3.00
	IRF	%	9.6	\pm 15.0	9.6	\pm 13.0	7.6	\pm 25.0
	LFR	%	90.4	\pm 15.0	90.4	\pm 10.0	92.4	\pm 25.0
	MFR	%	7.5	\pm 12.0	7.4	\pm 10.0	4.4	\pm 22.0
	HFR	%	2.1	\pm 3.0	2.2	\pm 3.0	3.2	\pm 3.0
	RHE	pg	25.3	\pm 10.0	24.3	\pm 10.0	22.1	\pm 10.0
	IPF	%	4.7	\pm 15.0	4.7	\pm 15.0	4.6	\pm 15.0
	PLT-O	$\times 10^9/L$	127	\pm 40	332	\pm 60	540	\pm 120
	RBC-O*	$\times 10^{12}/L$	5.69	\pm 0.80	4.61	\pm 0.60	2.17	\pm 0.25
	MCVr	fL	116.5	\pm 15.0	111.5	\pm 14.0	107.0	\pm 13.5
	MCHr	pg	32.1	\pm 4.7	30.7	\pm 4.5	29.4	\pm 4.2
	HDW	g/L	24.9	\pm 9.3	24.6	\pm 9.5	25.0	\pm 13.5
	DELTA-CH	pg	6.9	\pm 3.7	6.6	\pm 3.7	6.2	\pm 3.7
	HYPO-CH%	%	2.1	\pm 4.0	2.1	\pm 9.5	2.1	\pm 19.0
	HYPER-CH%	%	4.5	\pm 7.4	4.7	\pm 4.4	4.7	\pm 3.5
	MCHm	pg	25.2	\pm 5.0	24.1	\pm 5.0	23.2	\pm 5.0
	IPF#	$\times 10^9/L$	5.0	\pm 8.0	12.6	\pm 15.0	22.3	\pm 30.0

*Research use only.
AS906 Rev. 18



BC-6000series_ME0526A-1



BC-6000series_ME0526A-2



BC-6000series_ME0526A-3



BC-6800PLUS_ME0526A-1



BC-6800PLUS_ME0526A-2



BC-6800PLUS_ME0526A-3



BC-6800series_ME0526A-1



BC-6800series_ME0526A-2



BC-6800series_ME0526A-3



BC-700series_ME0526A-1



BC-700series_ME0526A-2



BC-700series_ME0526A-3



BC-7500series_ME0526A-1



BC-7500series_ME0526A-2



BC-7500series_ME0526A-3



BC-7600series_ME0526A-1



BC-7600series_ME0526A-2



BC-7600series_ME0526A-3