

BC-RET

HEMATOLOGY CONTROLS

CONTROL

ASSAY VALUES AND EXPECTED RANGES

LOT ME0525A



2025-07-10

Instrument	Parameter		Low		Normal		High	
			LOT	ME0525A-1	LOT	ME0525A-2	LOT	ME0525A-3
BC-700[R]	Ret#	$\times 10^{12}/L$	0.0759	± 0.0608	0.2275	± 0.0909	0.2059	± 0.0619
BC-720[R]	Ret%	%	1.30	± 1.04	4.81	± 1.92	8.65	± 2.60
BC-760[R]	IRF	%	10.4	± 15.0	11.8	± 13.0	9.9	± 25.0
BC-780[R]	LFR	%	89.6	± 15.0	88.2	± 10.0	90.1	± 25.0
BC-700[R] CS	MFR	%	8.4	± 12.0	10.1	± 10.0	7.7	± 22.0
BC-760[R] CS	HFR	%	2.0	± 3.0	1.7	± 3.0	2.2	± 3.0
QC Mode	RHE	pg	26.5	± 10.0	22.7	± 10.0	19.8	± 10.0
	IPF	%	7.8	± 3.5	7.7	± 3.5	7.5	± 3.5
	PLT-O	$\times 10^9/L$	136	± 40	342	± 60	603	± 120
	RBC-O*	$\times 10^{12}/L$	5.72	± 0.80	4.66	± 0.60	2.37	± 0.25
BC-7500[R] CRP	Ret#	$\times 10^{12}/L$	0.0702	± 0.0562	0.2001	± 0.0803	0.1968	± 0.0590
BC-7500[NR] CRP	Ret%	%	1.20	± 0.96	4.24	± 1.70	8.41	± 2.52
BC-7300[R] CRP	IRF	%	9.3	± 15.0	9.9	± 13.0	7.7	± 25.0
BC-7300[NR] CRP	LFR	%	90.7	± 15.0	90.1	± 10.0	92.3	± 25.0
BC-7500[R] CS	MFR	%	7.3	± 12.0	7.8	± 10.0	4.7	± 22.0
BC-7500[NR] CS	HFR	%	2.0	± 3.0	2.1	± 3.0	3.0	± 3.0
QC Mode	RHE	pg	25.8	± 10.0	22.2	± 10.0	19.9	± 10.0
	IPF	%	4.8	± 3.5	4.7	± 3.5	4.6	± 3.5
	PLT-O*	$\times 10^9/L$	140	± 40	332	± 60	538	± 120
	RBC-O*	$\times 10^{12}/L$	5.70	± 0.80	4.63	± 0.60	2.27	± 0.25
BC-6800	Ret#	$\times 10^{12}/L$	0.0541	± 0.0432	0.1936	± 0.0773	0.1967	± 0.0591
BC-6600	Ret%	%	0.94	± 0.75	4.11	± 1.64	8.16	± 2.45
QC Mode	IRF	%	7.3	± 15.0	7.9	± 13.0	7.2	± 25.0
	LFR	%	92.7	± 15.0	92.1	± 10.0	92.8	± 25.0
	MFR	%	6.0	± 12.0	6.8	± 10.0	5.9	± 22.0
	HFR	%	1.3	± 3.0	1.1	± 3.0	1.3	± 3.0
	RHE	pg	24.6	± 10.0	21.6	± 10.0	20.1	± 10.0
	IPF	%	8.5	± 3.5	8.5	± 3.5	8.5	± 3.5
	PLT-O*	$\times 10^9/L$	155	± 40	347	± 60	562	± 120
	RBC-O*	$\times 10^{12}/L$	5.57	± 0.80	4.54	± 0.60	2.31	± 0.25

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BC-6800Plus,BC-6700Plus BC-6600Plus QC Mode	Ret#	$\times 10^{12}/L$	0.0624	± 0.0497	0.1946	± 0.0778	0.1939	± 0.0581
	Ret%	%	1.08	± 0.86	4.15	± 1.66	8.08	± 2.42
	IRF	%	11.4	± 15.0	11.3	± 13.0	8.1	± 25.0
	LFR	%	88.6	± 15.0	88.7	± 10.0	91.9	± 25.0
	MFR	%	9.2	± 12.0	9.1	± 10.0	4.8	± 22.0
	HFR	%	2.2	± 3.0	2.2	± 3.0	3.3	± 3.0
	RHE	pg	28.2	± 10.0	24.3	± 10.0	21.5	± 10.0
	IPF	%	4.8	± 3.5	4.7	± 3.5	4.7	± 3.5
	PLT-O	$\times 10^9/L$	133	± 40	322	± 60	569	± 120
	RBC-O*	$\times 10^{12}/L$	5.53	± 0.80	4.57	± 0.60	2.39	± 0.25
	MCVr	fL	127.6	± 15.0	118.9	± 14.0	109.9	± 13.5
	MCHr	pg	35.4	± 4.7	32.8	± 4.5	30.3	± 4.2
	HDW	g/L	25.0	± 9.3	25.2	± 9.5	25.5	± 13.5
	DELTA-CH	pg	7.6	± 3.7	7.0	± 3.7	6.4	± 3.7
	HYPO-CH%	%	2.3	± 4.0	2.2	± 9.5	2.1	± 19.0
	HYPER-CH%	%	4.3	± 7.4	4.5	± 4.4	4.6	± 3.5
	MCHm	pg	27.8	± 5.0	25.9	± 5.0	23.9	± 5.0
	IPF#	$\times 10^9/L$	5.0	± 8.0	11.9	± 15.0	21.1	± 30.0
BC-6200,BC-6000Plus BC-6100Plus QC Mode	Ret#	$\times 10^{12}/L$	0.0635	± 0.0506	0.2022	± 0.0808	0.2061	± 0.0618
	Ret%	%	1.08	± 0.86	4.23	± 1.69	8.48	± 2.54
	IRF	%	10.4	± 15.0	10.7	± 13.0	8.4	± 25.0
	LFR	%	89.6	± 15.0	89.3	± 10.0	91.6	± 25.0
	MFR	%	8.3	± 12.0	8.7	± 10.0	5.5	± 22.0
	HFR	%	2.1	± 3.0	2.0	± 3.0	2.9	± 3.0
	RHE	pg	25.7	± 10.0	22.4	± 10.0	20.3	± 10.0
	IPF	%	4.7	± 3.5	4.6	± 3.5	4.5	± 3.5
	PLT-O	$\times 10^9/L$	142	± 40	326	± 60	529	± 120
	RBC-O*	$\times 10^{12}/L$	5.70	± 0.80	4.63	± 0.60	2.30	± 0.25
	MCVr	fL	119.8	± 15.0	111.6	± 14.0	104.3	± 13.5
	MCHr	pg	33.0	± 4.7	30.6	± 4.5	28.5	± 4.2
	HDW	g/L	24.8	± 9.3	24.9	± 9.5	25.2	± 13.5
	DELTA-CH	pg	7.1	± 3.7	6.5	± 3.7	5.9	± 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	4.6	± 3.5
	MCHm	pg	25.9	± 5.0	24.1	± 5.0	22.6	± 5.0
	IPF#	$\times 10^9/L$	5.5	± 8.0	13.6	± 15.0	23.5	± 30.0

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BC-7800 (Not applicable to Russia)	Ret#	$\times 10^{12}/L$	0.0786	± 0.0230	0.2166	± 0.0990	0.2071	± 0.0770
	Ret%	%	1.33	± 0.40	4.57	± 2.00	8.74	± 3.00
	IRF	%	9.5	± 15.0	10.3	± 13.0	8.5	± 25.0
	LFR	%	90.5	± 15.0	89.7	± 10.0	91.5	± 25.0
	MFR	%	7.3	± 12.0	8.3	± 10.0	5.9	± 22.0
	HFR	%	2.2	± 3.0	2.0	± 3.0	2.6	± 3.0
	RHE	pg	26.8	± 10.0	23.1	± 10.0	20.5	± 10.0
	IPF	%	4.8	± 15.0	4.7	± 15.0	4.6	± 15.0
	PLT-O	$\times 10^9/L$	139	± 40	330	± 60	550	± 120
	RBC-O*	$\times 10^{12}/L$	5.61	± 0.80	4.57	± 0.60	2.28	± 0.25
	MCVr	fL	119.6	± 15.0	111.8	± 14.0	104.0	± 13.5
	MCHr	pg	33.0	± 4.7	30.7	± 4.5	28.6	± 4.2
	HDW	g/L	24.8	± 9.3	24.7	± 9.5	25.0	± 13.5
	DELTA-CH	pg	7.1	± 3.7	6.5	± 3.7	6.0	± 3.7
	HYPO-CH%	%	2.2	± 4.0	2.2	± 9.5	2.1	± 19.0
	HYPER-CH%	%	4.5	± 7.4	4.5	± 4.4	4.8	± 3.5
	MCHm	pg	25.9	± 5.0	24.2	± 5.0	22.6	± 5.0
	IPF#	$\times 10^9/L$	5.1	± 8.0	12.4	± 15.0	22.1	± 30.0

*Research use only.
AS906 Rev. 18



BC-6000series_ME0525A-1



BC-6000series_ME0525A-2



BC-6000series_ME0525A-3



BC-6800PLUS_ME0525A-1



BC-6800PLUS_ME0525A-2



BC-6800PLUS_ME0525A-3



BC-6800series_ME0525A-1



BC-6800series_ME0525A-2



BC-6800series_ME0525A-3



BC-700series_ME0525A-1



BC-700series_ME0525A-2



BC-700series_ME0525A-3



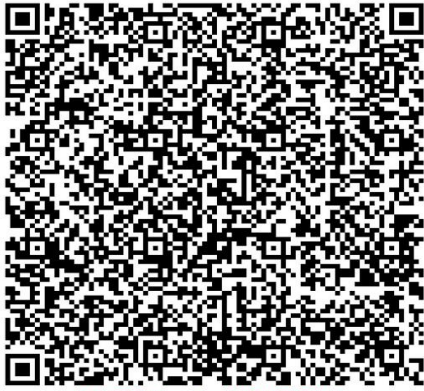
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BC-7500series_ME0525A-2



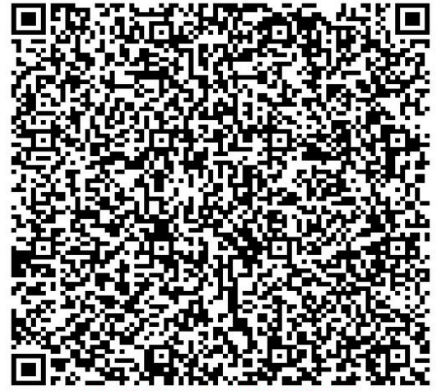
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BC-7600series_ME0525A-1



BC-7600series_ME0525A-2



BC-7600series_ME0525A-3