

BC-RET

HEMATOLOGY CONTROLS

CONTROL

ASSAY VALUES AND EXPECTED RANGES

LOT

 ME0125A

 2025-03-10

Instrument	Parameter		Low		Normal		High	
			<div>LOT</div>	ME0125A-1	<div>LOT</div>	ME0125A-2	<div>LOT</div>	ME0125A-3
BC-700[R]	Ret#	$\times 10^{12}/L$	0.0764	± 0.0610	0.2143	± 0.0860	0.1899	± 0.0571
BC-720[R]	Ret%	%	1.29	± 1.03	4.69	± 1.88	8.15	± 2.45
BC-760[R]	IRF	%	12.0	± 15.0	12.9	± 13.0	9.6	± 25.0
BC-700[R] CS	LFR	%	88.0	± 15.0	87.1	± 10.0	90.4	± 25.0
BC-760[R] CS	MFR	%	10.7	± 12.0	11.5	± 10.0	7.0	± 22.0
QC Mode	HFR	%	1.3	± 3.0	1.4	± 3.0	2.6	± 3.0
	RHE	pg	24.6	± 10.0	22.5	± 10.0	19.6	± 10.0
	IPF	%	7.5	± 3.5	7.6	± 3.5	7.6	± 3.5
	PLT-O	$\times 10^9/L$	119	± 40	294	± 60	603	± 120
	RBC-O*	$\times 10^{12}/L$	5.83	± 0.80	4.54	± 0.60	2.36	± 0.25
BC-7500[R] CRP	Ret#	$\times 10^{12}/L$	0.0713	± 0.0571	0.1915	± 0.0768	0.1796	± 0.0539
BC-7500[NR] CRP	Ret%	%	1.20	± 0.96	4.19	± 1.68	7.81	± 2.34
BC-7300[R] CRP	IRF	%	10.9	± 15.0	11.3	± 13.0	7.2	± 25.0
BC-7300[NR] CRP	LFR	%	89.1	± 15.0	88.7	± 10.0	92.8	± 25.0
BC-7500[R] CS	MFR	%	9.6	± 12.0	9.7	± 10.0	3.9	± 22.0
BC-7500[NR] CS	HFR	%	1.3	± 3.0	1.6	± 3.0	3.3	± 3.0
QC Mode	RHE	pg	24.5	± 10.0	22.5	± 10.0	20.2	± 10.0
	IPF	%	4.6	± 3.5	4.7	± 3.5	4.6	± 3.5
	PLT-O*	$\times 10^9/L$	121	± 40	284	± 60	548	± 120
	RBC-O*	$\times 10^{12}/L$	5.75	± 0.80	4.45	± 0.60	2.23	± 0.25
BC-6800	Ret#	$\times 10^{12}/L$	0.0559	± 0.0450	0.1800	± 0.0720	0.1775	± 0.0534
BC-6600	Ret%	%	0.97	± 0.78	4.00	± 1.60	7.62	± 2.29
QC Mode	IRF	%	8.0	± 15.0	8.9	± 13.0	7.6	± 25.0
	LFR	%	92.0	± 15.0	91.1	± 10.0	92.4	± 25.0
	MFR	%	6.8	± 12.0	7.9	± 10.0	6.4	± 22.0
	HFR	%	1.2	± 3.0	1.0	± 3.0	1.2	± 3.0
	RHE	pg	23.3	± 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*	$\times 10^9/L$	133	± 40	303	± 60	591	± 120
	RBC-O*	$\times 10^{12}/L$	5.57	± 0.80	4.37	± 0.60	2.24	± 0.25

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BC-6800Plus,BC-6700Plus BC-6600Plus QC Mode	Ret#	$\times 10^{12}/L$	0.0641	± 0.0513	0.1811	± 0.0727	0.1732	± 0.0520
	Ret%	%	1.10	± 0.88	3.99	± 1.60	7.40	± 2.22
	IRF	%	12.8	± 15.0	13.0	± 13.0	7.2	± 25.0
	LFR	%	87.2	± 15.0	87.0	± 10.0	92.8	± 25.0
	MFR	%	11.3	± 12.0	11.1	± 10.0	3.5	± 22.0
	HFR	%	1.5	± 3.0	1.9	± 3.0	3.7	± 3.0
	RHE	pg	25.2	± 10.0	23.2	± 10.0	20.8	± 10.0
	IPF	%	4.7	± 3.5	4.7	± 3.5	4.6	± 3.5
	PLT-O	$\times 10^9/L$	121	± 40	287	± 60	602	± 120
	RBC-O*	$\times 10^{12}/L$	5.55	± 0.80	4.40	± 0.60	2.34	± 0.25
	MCVr	fL	119.6	± 15.0	116.2	± 14.0	104.9	± 13.5
	MCHr	pg	33.1	± 4.7	32.0	± 4.5	28.9	± 4.2
	HDW	g/L	24.9	± 9.3	25.0	± 9.5	25.2	± 13.5
	DELTA-CH	pg	7.1	± 3.7	6.8	± 3.7	6.1	± 3.7
	HYPO-CH%	%	2.1	± 4.0	2.1	± 9.5	2.2	± 19.0
	HYPER-CH%	%	4.5	± 7.4	4.7	± 4.4	4.6	± 3.5
	MCHm	pg	25.9	± 5.0	25.2	± 5.0	22.8	± 5.0
	IPF#	$\times 10^9/L$	4.7	± 8.0	11.3	± 15.0	21.7	± 30.0
BC-6200,BC-6000Plus BC-6100Plus QC Mode	Ret#	$\times 10^{12}/L$	0.0634	± 0.0509	0.1922	± 0.0767	0.1861	± 0.0560
	Ret%	%	1.06	± 0.85	4.16	± 1.66	7.82	± 2.35
	IRF	%	12.6	± 15.0	13.5	± 13.0	8.4	± 25.0
	LFR	%	87.4	± 15.0	86.5	± 10.0	91.6	± 25.0
	MFR	%	11.2	± 12.0	11.9	± 10.0	5.3	± 22.0
	HFR	%	1.4	± 3.0	1.6	± 3.0	3.1	± 3.0
	RHE	pg	23.8	± 10.0	22.4	± 10.0	20.3	± 10.0
	IPF	%	4.6	± 3.5	4.6	± 3.5	4.6	± 3.5
	PLT-O	$\times 10^9/L$	120	± 40	278	± 60	538	± 120
	RBC-O*	$\times 10^{12}/L$	5.69	± 0.80	4.42	± 0.60	2.24	± 0.25
	MCVr	fL	116.1	± 15.0	113.0	± 14.0	103.1	± 13.5
	MCHr	pg	32.0	± 4.7	31.1	± 4.5	28.4	± 4.2
	HDW	g/L	24.8	± 9.3	24.8	± 9.5	25.2	± 13.5
	DELTA-CH	pg	6.9	± 3.7	6.6	± 3.7	6.0	± 3.7
	HYPO-CH%	%	2.1	± 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	25.1	± 5.0	24.5	± 5.0	22.4	± 5.0
	IPF#	$\times 10^9/L$	4.8	± 8.0	12.0	± 15.0	24.1	± 30.0


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BC-7800 (Not applicable to Russia)	Ret#	×10 ¹² /L	0.0840	± 0.0230	0.2080	± 0.0990	0.1950	± 0.0770
	Ret%	%	1.41	± 0.40	4.53	± 2.00	8.43	± 3.00
	IRF	%	10.9	± 15.0	12.1	± 13.0	8.7	± 25.0
	LFR	%	89.1	± 15.0	87.9	± 10.0	91.3	± 25.0
	MFR	%	9.6	± 12.0	10.7	± 10.0	6.0	± 22.0
	HFR	%	1.3	± 3.0	1.4	± 3.0	2.7	± 3.0
	RHE	pg	24.4	± 10.0	22.6	± 10.0	20.3	± 10.0
	IPF	%	4.5	± 15.0	4.5	± 15.0	4.5	± 15.0
	PLT-O	×10 ⁹ /L	113	± 40	275	± 60	535	± 120
	RBC-O*	×10 ¹² /L	5.88	± 0.80	4.52	± 0.60	2.20	± 0.25
	MCVr	fL	112.1	± 15.0	108.8	± 14.0	98.5	± 13.5
	MCHr	pg	30.9	± 4.7	29.9	± 4.5	27.0	± 4.2
	HDW	g/L	24.5	± 9.3	24.7	± 9.5	24.8	± 13.5
	DELTA-CH	pg	6.6	± 3.7	6.4	± 3.7	5.7	± 3.7
	HYPO-CH%	%	2.1	± 4.0	2.1	± 9.5	2.2	± 19.0
	HYPER-CH%	%	4.4	± 7.4	4.4	± 4.4	4.6	± 3.5
	MCHm	pg	24.2	± 5.0	23.5	± 5.0	21.3	± 5.0
	IPF#	×10 ⁹ /L	4.4	± 8.0	10.6	± 15.0	20.6	± 30.0

*Research use only.
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