

BC-RET

HEMATOLOGY CONTROLS

CONTROL

ASSAY VALUES AND EXPECTED RANGES

LOT ME0924A
2024-11-10

Instrument	Parameter	Low		Normal		High	
		LOT	ME0924A-1	LOT	ME0924A-2	LOT	ME0924A-3
BC-6800,BC-6600	Ret# ×10 ¹² /L	0.0517	± 0.0412	0.1877	± 0.0752	0.1808	± 0.0543
QC Mode	Ret%	0.88	± 0.70	4.02	± 1.61	7.76	± 2.33
	IRF %	7.9	± 15.0	8.6	± 13.0	7.3	± 25.0
	LFR %	92.1	± 15.0	91.4	± 10.0	92.7	± 25.0
	MFR %	6.7	± 12.0	7.5	± 10.0	6.1	± 22.0
	HFR %	1.2	± 3.0	1.1	± 3.0	1.2	± 3.0
	RHE pg	25.0	± 10.0	22.7	± 10.0	20.5	± 10.0
	IPF %	8.0	± 3.5	8.2	± 3.5	8.5	± 3.5
	PLT-O* ×10 ⁹ /L	135	± 40	296	± 60	561	± 120
	RBC-O* ×10 ¹² /L	5.72	± 0.80	4.55	± 0.60	2.24	± 0.25
BC-6200	Ret# ×10 ¹² /L	0.0555	± 0.0447	0.1955	± 0.0784	0.1897	± 0.0569
BC-6000Plus	Ret%	0.92	± 0.74	4.09	± 1.64	8.04	± 2.41
BC-6100Plus	IRF %	13.2	± 15.0	13.0	± 13.0	8.7	± 25.0
QC Mode	LFR %	86.8	± 15.0	87.0	± 10.0	91.3	± 25.0
	MFR %	12.0	± 12.0	11.7	± 10.0	6.1	± 22.0
	HFR %	1.2	± 3.0	1.3	± 3.0	2.6	± 3.0
	RHE pg	25.7	± 10.0	24.6	± 10.0	20.9	± 10.0
	IPF %	4.7	± 3.5	4.6	± 3.5	4.6	± 3.5
	PLT-O ×10 ⁹ /L	128	± 40	294	± 60	543	± 120
	RBC-O* ×10 ¹² /L	5.80	± 0.80	4.58	± 0.60	2.21	± 0.25
	MCVr fL	113.1	± 15.0	108.9	± 14.0	100.1	± 13.5
	MCHr pg	31.2	± 4.7	29.9	± 4.5	27.4	± 4.2
	HDW g/L	24.7	± 9.3	24.6	± 9.5	24.5	± 13.5
	DELTA-CH pg	6.7	± 3.7	6.5	± 3.7	5.8	± 3.7
	HYPO-CH%	2.2	± 4.0	2.2	± 9.5	2.2	± 19.0
	HYPER-CH%	4.5	± 7.4	4.5	± 4.4	4.7	± 3.5
	MCHm pg	24.4	± 5.0	23.4	± 5.0	21.5	± 5.0
	IPF# ×10 ⁹ /L	5.1	± 8.0	12.5	± 15.0	23.6	± 30.0
BC-6800Plus	Ret# ×10 ¹² /L	0.0596	± 0.0478	0.1889	± 0.0757	0.1768	± 0.0531
BC-6700Plus	Ret%	1.01	± 0.81	4.02	± 1.61	7.59	± 2.28
BC-6600Plus	IRF %	14.1	± 15.0	13.4	± 13.0	8.3	± 25.0
QC Mode	LFR %	85.9	± 15.0	86.6	± 10.0	91.7	± 25.0
	MFR %	12.6	± 12.0	11.9	± 10.0	5.2	± 22.0
	HFR %	1.5	± 3.0	1.5	± 3.0	3.1	± 3.0
	RHE pg	27.6	± 10.0	26.0	± 10.0	21.7	± 10.0
	IPF %	4.7	± 3.5	4.7	± 3.5	4.6	± 3.5
	PLT-O ×10 ⁹ /L	122	± 40	286	± 60	583	± 120
	RBC-O* ×10 ¹² /L	5.62	± 0.80	4.55	± 0.60	2.32	± 0.25
	MCVr fL	121.6	± 15.0	116.6	± 14.0	106.3	± 13.5
	MCHr pg	33.6	± 4.7	32.1	± 4.5	29.3	± 4.2
	HDW g/L	24.9	± 9.3	24.8	± 9.5	24.8	± 13.5
	DELTA-CH pg	7.2	± 3.7	6.9	± 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	4.5	± 4.4	4.6	± 3.5
	MCHm pg	26.4	± 5.0	25.3	± 5.0	23.0	± 5.0
	IPF# ×10 ⁹ /L	4.6	± 8.0	11.5	± 15.0	21.0	± 30.0


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		LOT	ME0924A-1	LOT	ME0924A-2	LOT	ME0924A-3
BC-7500[R] CRP	Ret# ×10 ¹² /L	0.0639	± 0.0513	0.1981	± 0.0792	0.1850	± 0.0554
BC-7500[NR] CRP	Ret%	1.06	± 0.85	4.18	± 1.67	8.08	± 2.42
BC-7300[R] CRP	IRF %	11.5	± 15.0	11.9	± 13.0	8.1	± 25.0
BC-7300[NR] CRP	LFR %	88.5	± 15.0	88.1	± 10.0	91.9	± 25.0
BC-7500[R] CS	MFR %	10.2	± 12.0	10.6	± 10.0	5.4	± 22.0
BC-7500[NR] CS	HFR %	1.3	± 3.0	1.3	± 3.0	2.7	± 3.0
QC Mode	RHE pg	26.9	± 10.0	25.2	± 10.0	21.2	± 10.0
	IPF %	4.7	± 3.5	4.7	± 3.5	4.6	± 3.5
	PLT-O* ×10 ⁹ /L	124	± 40	287	± 60	531	± 120
	RBC-O* ×10 ¹² /L	5.83	± 0.80	4.60	± 0.60	2.20	± 0.25
BC-700[R]	Ret# ×10 ¹² /L	0.0670	± 0.0539	0.2167	± 0.0868	0.1881	± 0.0566
BC-720[R]	Ret%	1.12	± 0.90	4.62	± 1.85	8.25	± 2.48
BC-760[R]	IRF %	13.5	± 15.0	13.2	± 13.0	10.1	± 25.0
BC-780[R]	LFR %	86.5	± 15.0	86.8	± 10.0	89.9	± 25.0
BC-700[R] CS	MFR %	12.5	± 12.0	12.1	± 10.0	7.9	± 22.0
BC-760[R] CS	HFR %	1.0	± 3.0	1.1	± 3.0	2.2	± 3.0
QC Mode	RHE pg	27.1	± 10.0	25.4	± 10.0	20.8	± 10.0
	IPF %	7.7	± 3.5	7.6	± 3.5	7.6	± 3.5
	PLT-O ×10 ⁹ /L	120	± 40	293	± 60	591	± 120
	RBC-O* ×10 ¹² /L	5.85	± 0.80	4.64	± 0.60	2.31	± 0.25

*Research use only.
Before using, refer to the instruction sheet for mixing directions.



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