

BC-RET

HEMATOLOGY CONTROLS

CONTROL

ASSAY VALUES AND EXPECTED RANGES

LOT ME1124A

2025-01-10

Instrument	Parameter	Low		Normal		High	
		LOT	ME1124A-1	LOT	ME1124A-2	LOT	ME1124A-3
BC-6800,BC-6600	Ret# $\times 10^{12}/L$	0.0525	± 0.0419	0.1893	± 0.0757	0.1856	± 0.0557
QC Mode	Ret%	0.94	± 0.75	4.08	± 1.63	7.67	± 2.30
	IRF %	8.4	± 15.0	7.7	± 13.0	6.9	± 25.0
	LFR %	91.6	± 15.0	92.3	± 10.0	93.1	± 25.0
	MFR %	7.1	± 12.0	6.3	± 10.0	5.5	± 22.0
	HFR %	1.3	± 3.0	1.4	± 3.0	1.4	± 3.0
	RHE pg	25.1	± 10.0	22.6	± 10.0	20.6	± 10.0
	IPF %	8.5	± 3.5	8.5	± 3.5	8.6	± 3.5
	PLT-O* $\times 10^9/L$	130	± 40	288	± 60	530	± 120
	RBC-O* $\times 10^{12}/L$	5.42	± 0.80	4.51	± 0.60	2.32	± 0.25
BC-6200	Ret# $\times 10^{12}/L$	0.0655	± 0.0522	0.2041	± 0.0815	0.1966	± 0.0591
BC-6000Plus	Ret%	1.13	± 0.90	4.26	± 1.70	7.99	± 2.40
BC-6100Plus	IRF %	13.9	± 15.0	10.3	± 13.0	8.2	± 25.0
QC Mode	LFR %	86.1	± 15.0	89.7	± 10.0	91.8	± 25.0
	MFR %	12.6	± 12.0	8.2	± 10.0	5.2	± 22.0
	HFR %	1.3	± 3.0	2.1	± 3.0	3.0	± 3.0
	RHE pg	25.8	± 10.0	24.0	± 10.0	21.4	± 10.0
	IPF %	4.8	± 3.5	4.8	± 3.5	4.8	± 3.5
	PLT-O $\times 10^9/L$	117	± 40	278	± 60	509	± 120
	RBC-O* $\times 10^{12}/L$	5.52	± 0.80	4.57	± 0.60	2.30	± 0.25
	MCVr fL	119.7	± 15.0	112.5	± 14.0	102.4	± 13.5
	MCHr pg	33.1	± 4.7	30.9	± 4.5	28.2	± 4.2
	HDW g/L	25.1	± 9.3	24.9	± 9.5	25.1	± 13.5
	DELTA-CH pg	7.2	± 3.7	6.6	± 3.7	6.0	± 3.7
	HYPO-CH%	2.3	± 4.0	2.2	± 9.5	2.2	± 19.0
	HYPER-CH%	4.4	± 7.4	4.4	± 4.4	4.6	± 3.5
	MCHm pg	25.9	± 5.0	24.3	± 5.0	22.2	± 5.0
	IPF# $\times 10^9/L$	4.9	± 8.0	12.3	± 15.0	22.5	± 30.0
BC-6800Plus	Ret# $\times 10^{12}/L$	0.0615	± 0.0491	0.1947	± 0.0777	0.1835	± 0.0552
BC-6700Plus	Ret%	1.09	± 0.87	4.16	± 1.66	7.55	± 2.27
BC-6600Plus	IRF %	14.7	± 15.0	10.5	± 13.0	8.0	± 25.0
QC Mode	LFR %	85.3	± 15.0	89.5	± 10.0	92.0	± 25.0
	MFR %	13.4	± 12.0	8.1	± 10.0	4.5	± 22.0
	HFR %	1.3	± 3.0	2.4	± 3.0	3.5	± 3.0
	RHE pg	26.6	± 10.0	24.7	± 10.0	21.1	± 10.0
	IPF %	4.7	± 3.5	4.7	± 3.5	4.6	± 3.5
	PLT-O $\times 10^9/L$	120	± 40	275	± 60	549	± 120
	RBC-O* $\times 10^{12}/L$	5.36	± 0.80	4.52	± 0.60	2.42	± 0.25
	MCVr fL	123.9	± 15.0	116.5	± 14.0	105.5	± 13.5
	MCHr pg	34.3	± 4.7	32.2	± 4.5	29.0	± 4.2
	HDW g/L	25.2	± 9.3	25.0	± 9.5	25.3	± 13.5
	DELTA-CH pg	7.4	± 3.7	6.9	± 3.7	6.1	± 3.7
	HYPO-CH%	2.2	± 4.0	2.2	± 9.5	2.1	± 19.0
	HYPER-CH%	4.4	± 7.4	4.5	± 4.4	4.7	± 3.5
	MCHm pg	26.9	± 5.0	25.3	± 5.0	22.9	± 5.0
	IPF# $\times 10^9/L$	4.4	± 8.0	11.2	± 15.0	19.1	± 30.0

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BC-7500[R] CRP	Ret# $\times 10^{12}/L$	0.0716	± 0.0573	0.2030	± 0.0813	0.1898	± 0.0569
BC-7500[NR] CRP	Ret%	1.25	± 1.00	4.32	± 1.73	8.01	± 2.40
BC-7300[R] CRP	IRF %	12.1	± 15.0	9.5	± 13.0	7.6	± 25.0
BC-7300[NR] CRP	LFR %	87.9	± 15.0	90.5	± 10.0	92.4	± 25.0
BC-7500[R] CS	MFR %	10.9	± 12.0	7.4	± 10.0	4.5	± 22.0
BC-7500[NR] CS	HFR %	1.2	± 3.0	2.1	± 3.0	3.1	± 3.0
QC Mode	RHE pg	25.6	± 10.0	23.6	± 10.0	20.5	± 10.0
	IPF %	4.6	± 3.5	4.6	± 3.5	4.6	± 3.5
	PLT-O* $\times 10^9/L$	118	± 40	281	± 60	508	± 120
	RBC-O* $\times 10^{12}/L$	5.55	± 0.80	4.59	± 0.60	2.30	± 0.25
BC-700[R]	Ret# $\times 10^{12}/L$	0.0775	± 0.0620	0.2266	± 0.0905	0.1970	± 0.0591
BC-720[R]	Ret%	1.35	± 1.08	4.81	± 1.92	8.21	± 2.46
BC-760[R]	IRF %	13.5	± 15.0	10.9	± 13.0	9.0	± 25.0
BC-780[R]	LFR %	86.5	± 15.0	89.1	± 10.0	91.0	± 25.0
BC-700[R] CS	MFR %	12.4	± 12.0	9.0	± 10.0	6.5	± 22.0
BC-760[R] CS	HFR %	1.1	± 3.0	1.9	± 3.0	2.5	± 3.0
QC Mode	RHE pg	26.0	± 10.0	23.5	± 10.0	20.0	± 10.0
	IPF %	7.4	± 3.5	7.5	± 3.5	7.5	± 3.5
	PLT-O $\times 10^9/L$	113	± 40	283	± 60	556	± 120
	RBC-O* $\times 10^{12}/L$	5.64	± 0.80	4.66	± 0.60	2.41	± 0.25

*Research use only.

Before using, refer to the instruction sheet for mixing directions.



Shenzhen Mindray Bio-Medical Electronics Co., Ltd.

Mindray Building, Keji 12th Road South, Hi-tech Industrial Park, Nanshan, ShenZhen 518057, P.R.China

Tel: +86 755 26582479 26582888

Fax: +86 755 26582934 26582500

EC REP

Shanghai International Holding Corp. GmbH (Europe)

Eiffestraße 80 20537 Hamburg, Germany

Tel: 0049-40-2513175

Fax: 0049-40-255726



IVD

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