

BC-6D

HEMATOLOGY CONTROLS

CONTROL

ASSAY VALUES AND EXPECTED RANGES

LOT

 MB0125A

 2025-03-10

Instrument	Parameter		Low		Normal		High	
			<div>LOT</div>	MB0125AL	<div>LOT</div>	MB0125AN	<div>LOT</div>	MB0125AH
BC-7500[B] CRP	WBC	×10 ⁹ /L	3.66	± 0.50	7.44	± 1.00	20.47	± 2.50
BC-7500[N] CRP	Neu#	×10 ⁹ /L	1.90	± 0.37	3.40	± 0.75	10.85	± 2.05
BC-7500[R] CRP	Lym#	×10 ⁹ /L	1.07	± 0.30	2.84	± 0.60	7.02	± 1.64
BC-7500[NR] CRP	Mon#	×10 ⁹ /L	0.15	± 0.15	0.39	± 0.39	0.96	± 0.96
BC-7300[B] CRP	Eos#	×10 ⁹ /L	0.49	± 0.33	0.71	± 0.71	1.35	± 1.35
BC-7300[N] CRP	Bas#	×10 ⁹ /L	0.05	± 0.05	0.10	± 0.10	0.29	± 0.29
BC-7300[R] CRP	Neu%	%	51.8	± 10.0	45.6	± 10.0	53.0	± 10.0
BC-7500[B] CS	Lym%	%	29.3	± 8.0	38.2	± 8.0	34.3	± 8.0
BC-7500[N] CS	Mon%	%	4.1	± 4.1	5.2	± 5.2	4.7	± 4.7
BC-7500[R] CS	Eos%	%	13.4	± 9.0	9.6	± 9.6	6.6	± 6.6
BC-7500[NR] CS	Bas%	%	1.4	± 1.4	1.4	± 1.4	1.4	± 1.4
QC Mode	RBC	×10 ¹² /L	2.31	± 0.18	4.21	± 0.24	5.14	± 0.30
	HGB	g/dL	5.9	± 0.4	12.1	± 0.6	15.9	± 0.8
	HCT	%	19.1	± 1.5	38.9	± 2.0	51.7	± 2.4
	MCV	fL	82.6	± 5.0	92.5	± 5.0	100.5	± 5.0
	MCH	pg	25.5	± 2.5	28.7	± 2.5	30.9	± 2.5
	MCHC	g/dL	30.9	± 3.0	31.1	± 3.0	30.8	± 3.0
	RDW-CV	%	18.3	± 3.0	15.3	± 3.0	14.3	± 3.0
	RDW-SD	fL	55.1	± 6.0	51.8	± 6.0	52.2	± 8.0
	PLT	×10 ⁹ /L	53	± 20	201	± 40	371	± 60
	MPV	fL	10.6	± 3.0	10.8	± 3.0	10.5	± 3.0
	PDW	/	16.4	± 3.0	16.7	± 3.0	16.7	± 3.0
	PCT	%	0.056	± 0.050	0.217	± 0.100	0.390	± 0.200
	P-LCR	%	32.6	± 20.0	31.8	± 10.0	31.0	± 10.0
	P-LCC	×10 ⁹ /L	17	± 12	64	± 24	115	± 50
	IMG#	×10 ⁹ /L	0.05	± 0.39	0.10	± 0.77	0.27	± 2.08
	IMG%	%	1.3	± 10.0	1.3	± 10.0	1.3	± 10.0
	NRBC#	×10 ⁹ /L	0.270	± 0.270	0.277	± 0.277	0.397	± 0.397
	NRBC%	/100WBC	7.39	± 7.39	3.72	± 3.72	1.94	± 1.94

BC-6D

HEMATOLOGY CONTROLS

CONTROL

ASSAY VALUES AND EXPECTED RANGES

LOT

 MB0125A

2025-03-10

Instrument	Parameter		Low		Normal		High	
			<div>LOT</div>	MB0125AL	<div>LOT</div>	MB0125AN	<div>LOT</div>	MB0125AH
BC-6800	WBC	×10 ⁹ /L	3.76	± 0.50	7.39	± 1.00	20.05	± 2.50
BC-6600 QC Mode	Neu#	×10 ⁹ /L	1.93	± 0.38	3.41	± 0.74	10.65	± 2.01
	Lym#	×10 ⁹ /L	1.11	± 0.30	2.79	± 0.59	6.82	± 1.61
	Mon#	×10 ⁹ /L	0.16	± 0.16	0.40	± 0.40	0.98	± 0.98
	Eos#	×10 ⁹ /L	0.52	± 0.34	0.71	± 0.49	1.38	± 1.38
	Bas#	×10 ⁹ /L	0.04	± 0.19	0.08	± 0.37	0.22	± 1.00
	Neu%	%	51.3	± 10.0	46.1	± 10.0	53.1	± 10.0
	Lym%	%	29.6	± 8.0	37.8	± 8.0	34.0	± 8.0
	Mon%	%	4.3	± 4.3	5.4	± 5.4	4.9	± 4.9
	Eos%	%	13.7	± 9.0	9.6	± 6.5	6.9	± 6.9
	Bas%	%	1.1	± 5.0	1.1	± 5.0	1.1	± 5.0
	RBC	×10 ¹² /L	2.35	± 0.18	4.20	± 0.24	5.07	± 0.30
	HGB	g/dL	6.0	± 0.4	12.1	± 0.6	15.7	± 0.8
	HCT	%	19.4	± 1.5	38.7	± 2.0	50.7	± 2.4
	MCV	fL	82.7	± 5.0	92.2	± 5.0	100.0	± 5.0
	MCH	pg	25.5	± 2.5	28.8	± 2.5	31.0	± 2.5
	MCHC	g/dL	30.9	± 3.0	31.2	± 3.0	31.0	± 3.0
	RDW-CV	%	17.4	± 3.0	15.4	± 3.0	13.8	± 3.0
	RDW-SD	fL	50.4	± 6.0	49.9	± 6.0	49.7	± 8.0
	PLT	×10 ⁹ /L	52	± 20	201	± 40	376	± 60
	MPV	fL	10.1	± 3.0	10.4	± 3.0	10.3	± 3.0
	PDW	/	16.2	± 3.0	16.5	± 3.0	16.5	± 3.0
	PCT	%	0.053	± 0.050	0.209	± 0.100	0.387	± 0.200
	P-LCR	%	28.8	± 20.0	29.6	± 10.0	28.4	± 10.0
	P-LCC	×10 ⁹ /L	15	± 12	59	± 24	107	± 50
	IMG#*	×10 ⁹ /L	0.05	± 0.39	0.10	± 0.77	0.26	± 2.00
	IMG%*	%	1.3	± 10.0	1.3	± 10.0	1.3	± 10.0
	NRBC#	×10 ⁹ /L	0.356	± 0.356	0.339	± 0.339	0.573	± 0.573
	NRBC%	/100WBC	9.48	± 9.48	4.59	± 4.59	2.86	± 2.86

*Software version 1.09 or higher.

BC-6D

HEMATOLOGY CONTROLS

CONTROL

ASSAY VALUES AND EXPECTED RANGES

LOT

 MB0125A

 2025-03-10

Instrument	Parameter		Low		Normal		High	
			<div>LOT</div>	MB0125AL	<div>LOT</div>	MB0125AN	<div>LOT</div>	MB0125AH
BC-6800Plus BC-6700Plus BC-6600Plus QC Mode	WBC	×10 ⁹ /L	3.90	± 0.50	7.58	± 1.00	20.92	± 2.50
	Neu#	×10 ⁹ /L	2.03	± 0.39	3.51	± 0.76	11.18	± 2.10
	Lym#	×10 ⁹ /L	1.13	± 0.32	2.83	± 0.61	7.13	± 1.68
	Mon#	×10 ⁹ /L	0.16	± 0.16	0.39	± 0.39	0.96	± 0.96
	Eos#	×10 ⁹ /L	0.52	± 0.36	0.74	± 0.53	1.36	± 1.36
	Bas#	×10 ⁹ /L	0.06	± 0.06	0.11	± 0.11	0.29	± 0.29
	Neu%	%	52.0	± 10.0	46.4	± 10.0	53.4	± 10.0
	Lym%	%	29.1	± 8.0	37.3	± 8.0	34.1	± 8.0
	Mon%	%	4.1	± 4.1	5.1	± 5.1	4.6	± 4.6
	Eos%	%	13.3	± 9.0	9.8	± 7.0	6.5	± 6.5
	Bas%	%	1.5	± 1.5	1.4	± 1.4	1.4	± 1.4
	RBC	×10 ¹² /L	2.35	± 0.18	4.25	± 0.24	5.10	± 0.30
	HGB	g/dL	5.9	± 0.4	12.0	± 0.6	15.6	± 0.8
	HCT	%	19.3	± 1.5	39.1	± 2.0	50.9	± 2.4
	MCV	fL	82.2	± 5.0	91.9	± 5.0	99.9	± 5.0
	MCH	pg	25.1	± 2.5	28.2	± 2.5	30.6	± 2.5
	MCHC	g/dL	30.5	± 3.0	30.7	± 3.0	30.6	± 3.0
	RDW-CV	%	17.2	± 3.0	15.2	± 3.0	14.5	± 3.0
	RDW-SD	fL	50.2	± 6.0	49.6	± 6.0	51.3	± 8.0
	PLT	×10 ⁹ /L	52	± 20	205	± 40	376	± 60
	PLT-H	×10 ⁹ /L	51	± 20	204	± 40	374	± 60
	MPV	fL	10.4	± 3.0	10.5	± 3.0	10.3	± 3.0
	PDW	/	16.1	± 3.0	16.4	± 3.0	16.6	± 3.0
	PCT	%	0.054	± 0.050	0.215	± 0.100	0.387	± 0.200
	P-LCR	%	31.1	± 20.0	29.8	± 10.0	29.3	± 10.0
	P-LCC	×10 ⁹ /L	16	± 12	61	± 24	110	± 50
	IMG#	×10 ⁹ /L	0.05	± 0.39	0.10	± 0.77	0.27	± 2.08
	IMG%	%	1.3	± 10.0	1.3	± 10.0	1.3	± 10.0
	NRBC#	×10 ⁹ /L	0.299	± 0.299	0.274	± 0.274	0.441	± 0.441
	NRBC%	/100WBC	7.66	± 7.66	3.61	± 3.61	2.11	± 2.11
	Micro%	%	3.4	± 15.0	2.6	± 4.0	2.1	± 2.5
	Macro%	%	4.0	± 3.0	4.6	± 5.0	5.5	± 10.0
	Neu-X	/	378.5	± 120.0	379.3	± 120.0	385.2	± 120.0
	Neu-Y	/	511.6	± 120.0	514.0	± 150.0	515.6	± 150.0
	Mon-X	/	218.4	± 120.0	206.1	± 120.0	200.0	± 120.0
	PLT-I	×10 ⁹ /L	52	± 20	205	± 40	376	± 60
	ESR*	mm/h	36.75	± 10.00	17.14	± 4.00	/	± /

*The ESR is applicable to software version 1.25 or higher, but not applicable for High level.

BC-6D

HEMATOLOGY CONTROLS

CONTROL

ASSAY VALUES AND EXPECTED RANGES

LOT

 MB0125A

 2025-03-10

Instrument	Parameter		Low		Normal		High	
			<div>LOT</div>	MB0125AL	<div>LOT</div>	MB0125AN	<div>LOT</div>	MB0125AH
BC-6000	WBC	×10 ⁹ /L	3.64	± 0.50	7.37	± 1.00	20.33	± 2.50
BC-6100	Neu#	×10 ⁹ /L	1.89	± 0.37	3.34	± 0.74	10.66	± 2.04
BC-6200	Lym#	×10 ⁹ /L	1.06	± 0.30	2.81	± 0.59	7.01	± 1.63
BC-6000Plus	Mon#	×10 ⁹ /L	0.15	± 0.15	0.40	± 0.40	1.02	± 1.02
BC-6100Plus	Eos#	×10 ⁹ /L	0.49	± 0.24	0.71	± 0.52	1.34	± 1.22
QC Mode	Bas#	×10 ⁹ /L	0.05	± 0.05	0.11	± 0.11	0.30	± 0.30
	Neu%	%	51.8	± 10.0	45.3	± 10.0	52.4	± 10.0
	Lym%	%	29.1	± 8.0	38.1	± 8.0	34.5	± 8.0
	Mon%	%	4.1	± 4.1	5.4	± 5.4	5.0	± 5.0
	Eos%	%	13.5	± 6.5	9.7	± 7.0	6.6	± 6.0
	Bas%	%	1.5	± 1.5	1.5	± 1.5	1.5	± 1.5
	RBC	×10 ¹² /L	2.34	± 0.18	4.20	± 0.24	5.09	± 0.30
	HGB	g/dL	6.0	± 0.4	12.1	± 0.6	15.8	± 0.8
	HCT	%	19.9	± 1.5	39.1	± 2.0	51.2	± 2.4
	MCV	fL	85.2	± 5.0	93.0	± 5.0	100.6	± 5.0
	MCH	pg	25.6	± 2.5	28.8	± 2.5	31.0	± 2.5
	MCHC	g/dL	30.1	± 3.0	31.0	± 3.0	30.9	± 3.0
	RDW-CV	%	17.9	± 3.0	15.2	± 3.0	13.8	± 3.0
	RDW-SD	fL	54.1	± 6.0	52.1	± 6.0	51.3	± 8.0
	PLT	×10 ⁹ /L	55	± 20	213	± 40	399	± 60
	MPV	fL	11.5	± 3.0	11.3	± 3.0	10.6	± 3.0
	PDW	/	16.4	± 3.0	16.5	± 3.0	16.5	± 3.0
	PCT	%	0.063	± 0.050	0.241	± 0.100	0.423	± 0.200
	P-LCR	%	36.4	± 20.0	33.8	± 10.0	29.8	± 10.0
	P-LCC	×10 ⁹ /L	20	± 12	72	± 24	119	± 50
	IMG#	×10 ⁹ /L	0.04	± 0.34	0.10	± 0.77	0.26	± 2.00
	IMG%	%	1.2	± 10.0	1.3	± 10.0	1.3	± 10.0
	NRBC#	×10 ⁹ /L	0.269	± 0.269	0.276	± 0.276	0.419	± 0.419
	NRBC%	/100WBC	7.39	± 7.39	3.75	± 3.75	2.06	± 2.06
	Micro%	%	3.5	± 15.0	2.7	± 4.0	2.0	± 2.5
	Macro%	%	4.4	± 3.0	5.3	± 5.0	6.6	± 10.0
	Neu-X	/	391.4	± 120.0	390.9	± 120.0	390.1	± 120.0
	Neu-Y	/	518.1	± 120.0	518.2	± 150.0	514.0	± 150.0
	Mon-X	/	216.8	± 120.0	216.0	± 120.0	214.3	± 120.0
	PLT-I	×10 ⁹ /L	55	± 20	213	± 40	399	± 60

BC-6D

HEMATOLOGY CONTROLS

CONTROL

ASSAY VALUES AND EXPECTED RANGES

LOT

 MB0125A

 2025-03-10

Instrument	Parameter		Low		Normal		High	
			<div>LOT</div>	MB0125AL	<div>LOT</div>	MB0125AN	<div>LOT</div>	MB0125AH
BC-700[B]	WBC	×10 ⁹ /L	3.79	± 0.50	7.69	± 1.00	21.23	± 2.50
BC-760[B]	Neu#	×10 ⁹ /L	2.03	± 0.38	3.73	± 0.77	11.74	± 2.13
BC-700[B] CS	Lym#	×10 ⁹ /L	1.10	± 0.31	2.83	± 0.62	7.13	± 1.70
BC-760[B] CS	Mon#	×10 ⁹ /L	0.16	± 0.16	0.39	± 0.39	1.00	± 1.00
BC-700[R]	Eos#	×10 ⁹ /L	0.45	± 0.45	0.63	± 0.63	1.06	± 1.06
BC-720[R]	Bas#	×10 ⁹ /L	0.05	± 0.18	0.11	± 0.40	0.30	± 1.08
BC-760[R]	Neu%	%	53.6	± 10.0	48.5	± 10.0	55.3	± 10.0
BC-760[R] CS	Lym%	%	28.9	± 8.0	36.8	± 8.0	33.6	± 8.0
BP 200n	Mon%	%	4.1	± 4.1	5.1	± 5.1	4.7	± 4.7
BP 260n	Eos%	%	12.0	± 12.0	8.2	± 8.2	5.0	± 5.0
QC Mode	Bas%	%	1.4	± 5.0	1.4	± 5.0	1.4	± 5.0
	RBC	×10 ¹² /L	2.31	± 0.18	4.21	± 0.24	5.13	± 0.30
	HGB	g/dL	5.8	± 0.4	12.0	± 0.6	15.7	± 0.8
	HCT	%	19.4	± 1.5	39.4	± 2.0	52.1	± 2.4
	MCV	fL	83.9	± 5.0	93.6	± 5.0	101.5	± 5.0
	MCH	pg	25.1	± 2.5	28.5	± 2.5	30.6	± 2.5
	MCHC	g/dL	29.9	± 3.0	30.5	± 3.0	30.2	± 3.0
	RDW-CV	%	18.3	± 3.0	15.4	± 3.0	14.3	± 3.0
	RDW-SD	fL	56.1	± 6.0	52.7	± 6.0	52.9	± 8.0
	PLT	×10 ⁹ /L	53	± 20	205	± 40	374	± 60
	PLT-H	×10 ⁹ /L	54	± 20	208	± 40	379	± 60
	MPV	fL	10.8	± 3.0	10.7	± 3.0	10.4	± 3.0
	PDW	/	16.5	± 3.0	16.7	± 3.0	16.8	± 3.0
	PCT	%	0.057	± 0.050	0.219	± 0.100	0.389	± 0.200
	P-LCR	%	33.3	± 20.0	31.5	± 10.0	30.5	± 10.0
	P-LCC	×10 ⁹ /L	18	± 12	65	± 24	114	± 50
	IMG#	×10 ⁹ /L	0.05	± 0.39	0.09	± 0.75	0.28	± 2.16
	IMG%	%	1.3	± 10.0	1.2	± 10.0	1.3	± 10.0
	NRBC#	×10 ⁹ /L	0.078	± 0.078	0.142	± 0.142	0.450	± 0.450
	NRBC%	/100WBC	2.05	± 2.05	1.85	± 1.85	2.12	± 2.12
	IPF	%	2.5	± 5.0	2.5	± 5.0	2.4	± 5.0
	ESR	mm/h	38.46	± 10.00	16.54	± 4.00	/	± /

BC-6D

HEMATOLOGY CONTROLS

CONTROL

ASSAY VALUES AND EXPECTED RANGES

LOT

 MB0125A

2025-03-10

Instrument	Parameter		Low		Normal		High	
			<div>LOT</div>	MB0125AL	<div>LOT</div>	MB0125AN	<div>LOT</div>	MB0125AH
BC-7600	WBC	×10 ⁹ /L	3.86	± 0.80	7.74	± 1.00	20.73	± 2.50
BC-7800	Neu#	×10 ⁹ /L	2.00	± 0.50	3.61	± 0.80	11.20	± 2.00
BC-7900	Lym#	×10 ⁹ /L	1.11	± 0.40	2.86	± 0.80	6.92	± 1.60
(Not applicable to Russia)	Mon#	×10 ⁹ /L	0.15	± 0.12	0.39	± 0.38	0.95	± 0.80
	Eos#	×10 ⁹ /L	0.54	± 0.30	0.77	± 0.50	1.37	± 1.20
	Bas#	×10 ⁹ /L	0.06	± 0.10	0.11	± 0.10	0.29	± 0.29
	Neu%	%	51.9	± 12.0	46.7	± 10.0	54.0	± 10.0
	Lym%	%	28.7	± 9.5	36.9	± 10.0	33.4	± 8.0
	Mon%	%	4.0	± 3.0	5.0	± 4.0	4.6	± 3.5
	Eos%	%	13.9	± 7.0	10.0	± 6.0	6.6	± 6.0
	Bas%	%	1.5	± 1.0	1.4	± 1.0	1.4	± 1.5
	RBC	×10 ¹² /L	2.32	± 0.18	4.22	± 0.24	5.16	± 0.30
	HGB	g/dL	5.9	± 0.4	12.1	± 0.6	15.9	± 0.8
	HCT	%	18.8	± 2.0	38.6	± 2.5	51.3	± 3.0
	MCV	fL	81.1	± 5.0	91.5	± 5.0	99.4	± 5.0
	MCH	pg	25.4	± 2.5	28.7	± 2.5	30.8	± 2.5
	MCHC	g/dL	31.3	± 3.0	31.3	± 3.0	31.0	± 3.0
	RDW-CV	%	18.3	± 5.0	15.2	± 5.0	14.2	± 6.0
	RDW-SD	fL	53.2	± 10.0	49.5	± 10.0	50.0	± 12.0
	PLT	×10 ⁹ /L	54	± 20	200	± 40	370	± 60
	PLT-H	×10 ⁹ /L	54	± 20	201	± 40	371	± 60
	MPV	fL	10.1	± 3.0	10.3	± 3.0	10.1	± 3.0
	PDW	/	16.4	± 5.0	16.6	± 5.0	16.8	± 5.0
	PCT	%	0.055	± 0.050	0.206	± 0.100	0.374	± 0.200
	P-LCR	%	29.1	± 10.0	28.5	± 10.0	28.2	± 10.0
	P-LCC	×10 ⁹ /L	16	± 8	57	± 24	104	± 50
	IMG#	×10 ⁹ /L	0.05	± 0.50	0.10	± 0.90	0.27	± 2.20
	IMG%	%	1.3	± 10.0	1.3	± 10.0	1.3	± 10.0
	NRBC#	×10 ⁹ /L	0.283	± 0.300	0.276	± 0.500	0.373	± 0.300
	NRBC%	/100WBC	7.34	± 10.00	3.56	± 10.00	1.80	± 10.00
	Micro%	%	3.4	± 15.0	2.6	± 4.0	2.1	± 2.5
	Macro%	%	4.2	± 3.0	4.6	± 5.0	5.3	± 10.0
	Neu-X	/	390.3	± 120.0	393.5	± 120.0	394.0	± 120.0
	Neu-Y	/	516.4	± 120.0	518.9	± 150.0	520.5	± 150.0
	Mon-X	/	236.4	± 120.0	222.5	± 120.0	218.4	± 120.0
	PLT-I	×10 ⁹ /L	54	± 20	200	± 40	370	± 60
	ESR	mm/h	37.17	± 10.00	15.39	± 4.00	/	± /
	WBC-M*	×10 ⁹ /L	3.94	± 0.80	7.77	± 1.00	20.84	± 2.50

The ESR is not applicable for High level, and only ESR is involved in BP 200n and BP 260n.

WBC-M applies to BC-7900.*Research use only.

AS908 Rev.08