

BC-6D

HEMATOLOGY CONTROLS

CONTROL

ASSAY VALUES AND EXPECTED RANGES

LOT

 MB0726A

2026-09-10

Instrument	Parameter		Low		Normal		High	
			LOT	MB0726AL	LOT	MB0726AN	LOT	MB0726AH
BC-6800 BC-6600 QC Mode	WBC	$\times 10^9/L$	3.85	± 0.50	7.55	± 1.00	19.87	± 2.50
	Neu#	$\times 10^9/L$	2.22	± 0.39	3.72	± 0.76	10.55	± 1.99
	Lym#	$\times 10^9/L$	1.04	± 0.31	2.67	± 0.61	6.70	± 1.60
	Mon#	$\times 10^9/L$	0.15	± 0.15	0.38	± 0.38	0.91	± 0.91
	Eos#	$\times 10^9/L$	0.40	± 0.35	0.70	± 0.49	1.49	± 1.49
	Bas#	$\times 10^9/L$	0.04	± 0.19	0.08	± 0.40	0.22	± 1.00
	Neu%	%	57.6	± 10.0	49.4	± 10.0	53.1	± 10.0
	Lym%	%	26.9	± 8.0	35.3	± 8.0	33.7	± 8.0
	Mon%	%	3.9	± 3.9	5.0	± 5.0	4.6	± 4.6
	Eos%	%	10.5	± 9.0	9.3	± 6.5	7.5	± 7.5
	Bas%	%	1.1	± 5.0	1.0	± 5.0	1.1	± 5.0
	RBC	$\times 10^{12}/L$	2.28	± 0.18	4.25	± 0.24	5.06	± 0.30
	HGB	g/dL	6.0	± 0.4	12.3	± 0.6	15.6	± 0.8
	HCT	%	19.4	± 1.5	39.8	± 2.0	50.8	± 2.4
	MCV	fL	85.3	± 5.0	93.6	± 5.0	100.4	± 5.0
	MCH	pg	26.3	± 2.5	28.9	± 2.5	30.8	± 2.5
	MCHC	g/dL	30.9	± 3.0	30.9	± 3.0	30.7	± 3.0
	RDW-CV	%	17.3	± 3.0	15.0	± 3.0	14.6	± 3.0
	RDW-SD	fL	52.3	± 6.0	49.9	± 6.0	51.9	± 8.0
	PLT	$\times 10^9/L$	54	± 20	200	± 40	379	± 60
	MPV	fL	10.2	± 3.0	10.9	± 3.0	10.8	± 3.0
	PDW	/	16.3	± 3.0	16.4	± 3.0	16.5	± 3.0
	PCT	%	0.055	± 0.050	0.218	± 0.100	0.409	± 0.200
	P-LCR	%	30.2	± 20.0	32.4	± 10.0	32.3	± 10.0
	P-LCC	$\times 10^9/L$	16	± 12	65	± 24	122	± 50
	IMG#*	$\times 10^9/L$	0.05	± 0.42	0.10	± 0.77	0.26	± 2.00
	IMG%*	%	1.2	± 10.0	1.3	± 10.0	1.3	± 10.0
	NRBC#	$\times 10^9/L$	0.360	± 0.360	0.381	± 0.381	0.499	± 0.499
	NRBC%	/100WBC	9.34	± 9.34	5.04	± 5.04	2.51	± 2.51

*Software version 1.09 or higher.

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Instrument	Parameter	Low		Normal		High	
		LOT	MB0726AL	LOT	MB0726AN	LOT	MB0726AH
BC-6800Plus	WBC	$\times 10^9/L$	3.86 $\pm$ 0.50		7.58 $\pm$ 1.00		20.22 $\pm$ 2.50
BC-6700Plus	Neu#	$\times 10^9/L$	2.23 $\pm$ 0.39		3.73 $\pm$ 0.76		10.78 $\pm$ 2.03
BC-6600Plus	Lym#	$\times 10^9/L$	1.03 $\pm$ 0.31		2.68 $\pm$ 0.61		6.81 $\pm$ 1.62
QC Mode	Mon#	$\times 10^9/L$	0.14 $\pm$ 0.14		0.38 $\pm$ 0.38		0.93 $\pm$ 0.93
	Eos#	$\times 10^9/L$	0.40 $\pm$ 0.35		0.68 $\pm$ 0.53		1.42 $\pm$ 1.42
	Bas#	$\times 10^9/L$	0.06 $\pm$ 0.06		0.11 $\pm$ 0.11		0.28 $\pm$ 0.28
	Neu%	%	57.6 $\pm$ 10.0		49.1 $\pm$ 10.0		53.3 $\pm$ 10.0
	Lym%	%	26.8 $\pm$ 8.0		35.4 $\pm$ 8.0		33.7 $\pm$ 8.0
	Mon%	%	3.7 $\pm$ 3.7		5.0 $\pm$ 5.0		4.6 $\pm$ 4.6
	Eos%	%	10.4 $\pm$ 9.0		9.0 $\pm$ 7.0		7.0 $\pm$ 7.0
	Bas%	%	1.5 $\pm$ 1.5		1.5 $\pm$ 1.5		1.4 $\pm$ 1.4
	RBC	$\times 10^{12}/L$	2.31 $\pm$ 0.18		4.25 $\pm$ 0.24		5.07 $\pm$ 0.30
	HGB	g/dL	6.0 $\pm$ 0.4		12.3 $\pm$ 0.6		15.5 $\pm$ 0.8
	HCT	%	19.7 $\pm$ 1.5		39.9 $\pm$ 2.0		51.0 $\pm$ 2.4
	MCV	fL	85.1 $\pm$ 5.0		93.8 $\pm$ 5.0		100.5 $\pm$ 5.0
	MCH	pg	26.0 $\pm$ 2.5		28.9 $\pm$ 2.5		30.6 $\pm$ 2.5
	MCHC	g/dL	30.5 $\pm$ 3.0		30.9 $\pm$ 3.0		30.4 $\pm$ 3.0
	RDW-CV	%	17.5 $\pm$ 3.0		15.0 $\pm$ 3.0		14.5 $\pm$ 3.0
	RDW-SD	fL	52.6 $\pm$ 6.0		49.9 $\pm$ 6.0		51.9 $\pm$ 8.0
	PLT	$\times 10^9/L$	55 $\pm$ 20		199 $\pm$ 40		378 $\pm$ 60
	PLT-H	$\times 10^9/L$	56 $\pm$ 20		200 $\pm$ 40		375 $\pm$ 60
	MPV	fL	10.4 $\pm$ 3.0		10.9 $\pm$ 3.0		10.9 $\pm$ 3.0
	PDW	/	16.1 $\pm$ 3.0		16.1 $\pm$ 3.0		16.5 $\pm$ 3.0
	PCT	%	0.057 $\pm$ 0.050		0.217 $\pm$ 0.100		0.412 $\pm$ 0.200
	P-LCR	%	31.2 $\pm$ 20.0		32.7 $\pm$ 10.0		32.4 $\pm$ 10.0
	P-LCC	$\times 10^9/L$	17 $\pm$ 12		65 $\pm$ 24		122 $\pm$ 50
	IMG#	$\times 10^9/L$	0.05 $\pm$ 0.39		0.10 $\pm$ 0.77		0.26 $\pm$ 2.00
	IMG%	%	1.3 $\pm$ 10.0		1.3 $\pm$ 10.0		1.3 $\pm$ 10.0
	NRBC#	$\times 10^9/L$	0.312 $\pm$ 0.312		0.337 $\pm$ 0.337		0.457 $\pm$ 0.457
	NRBC%	/100WBC	8.09 $\pm$ 8.09		4.45 $\pm$ 4.45		2.26 $\pm$ 2.26
	Micro%	%	3.4 $\pm$ 15.0		2.5 $\pm$ 4.0		2.2 $\pm$ 2.5
	Macro%	%	4.3 $\pm$ 3.0		4.7 $\pm$ 5.0		5.6 $\pm$ 10.0
	Neu-X	/	377.6 $\pm$ 120.0		379.1 $\pm$ 120.0		368.8 $\pm$ 120.0
	Neu-Y	/	506.1 $\pm$ 120.0		512.7 $\pm$ 150.0		514.1 $\pm$ 150.0
	Mon-X	/	215.8 $\pm$ 120.0		213.3 $\pm$ 120.0		210.8 $\pm$ 120.0
	PLT-I	$\times 10^9/L$	55 $\pm$ 20		199 $\pm$ 40		378 $\pm$ 60
	ESR*	mm/h	37.54 $\pm$ 10.00		16.36 $\pm$ 4.00		/ $\pm$ /

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

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			LOT	MB0726AL	LOT	MB0726AN	LOT	MB0726AH
BC-6000	WBC	$\times 10^9/L$	3.79	± 0.50	7.70	± 1.00	20.55	± 2.50
BC-6100	Neu#	$\times 10^9/L$	2.19	± 0.38	3.79	± 0.77	10.90	± 2.06
BC-6200	Lym#	$\times 10^9/L$	1.01	± 0.31	2.70	± 0.62	6.95	± 1.65
Counter 60 AL	Mon#	$\times 10^9/L$	0.14	± 0.14	0.39	± 0.39	0.95	± 0.95
BC-6000Plus	Eos#	$\times 10^9/L$	0.39	± 0.30	0.70	± 0.54	1.44	± 1.24
BC-6100Plus	Bas#	$\times 10^9/L$	0.06	± 0.06	0.12	± 0.12	0.31	± 0.31
QC Mode	Neu%	%	57.9	± 10.0	49.3	± 10.0	53.1	± 10.0
	Lym%	%	26.6	± 8.0	35.1	± 8.0	33.8	± 8.0
	Mon%	%	3.6	± 3.6	5.0	± 5.0	4.6	± 4.6
	Eos%	%	10.4	± 8.0	9.1	± 7.0	7.0	± 6.0
	Bas%	%	1.5	± 1.5	1.5	± 1.5	1.5	± 1.5
	RBC	$\times 10^{12}/L$	2.31	± 0.18	4.27	± 0.24	5.11	± 0.30
	HGB	g/dL	6.1	± 0.4	12.4	± 0.6	15.8	± 0.8
	HCT	%	20.3	± 1.5	40.2	± 2.0	51.3	± 2.4
	MCV	fL	87.8	± 5.0	94.2	± 5.0	100.3	± 5.0
	MCH	pg	26.4	± 2.5	29.0	± 2.5	30.9	± 2.5
	MCHC	g/dL	30.1	± 3.0	30.8	± 3.0	30.8	± 3.0
	RDW-CV	%	18.1	± 3.0	14.9	± 3.0	14.3	± 3.0
	RDW-SD	fL	56.9	± 6.0	52.5	± 6.0	53.5	± 8.0
	PLT	$\times 10^9/L$	59	± 20	210	± 40	399	± 60
	MPV	fL	11.4	± 3.0	11.7	± 3.0	11.3	± 3.0
	PDW	/	16.5	± 3.0	16.1	± 3.0	16.5	± 3.0
	PCT	%	0.067	± 0.050	0.246	± 0.100	0.451	± 0.200
	P-LCR	%	36.8	± 20.0	38.2	± 10.0	34.5	± 10.0
	P-LCC	$\times 10^9/L$	22	± 12	80	± 24	138	± 50
	IMG#	$\times 10^9/L$	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#	$\times 10^9/L$	0.318	± 0.318	0.359	± 0.359	0.454	± 0.454
	NRBC%	/100WBC	8.39	± 8.39	4.66	± 4.66	2.21	± 2.21
	Micro%	%	3.3	± 15.0	2.5	± 4.0	2.0	± 2.5
	Macro%	%	4.8	± 3.0	5.4	± 5.0	7.0	± 10.0
	Neu-X	/	394.4	± 120.0	400.8	± 120.0	387.6	± 120.0
	Neu-Y	/	517.9	± 120.0	516.0	± 150.0	520.4	± 150.0
	Mon-X	/	210.1	± 120.0	210.5	± 120.0	208.6	± 120.0
	PLT-I	$\times 10^9/L$	59	± 20	210	± 40	399	± 60

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Instrument	Parameter		Low		Normal		High	
			LOT	MB0726AL	LOT	MB0726AN	LOT	MB0726AH
BC-700[B]	WBC	$\times 10^9/L$	3.81	± 0.50	7.76	± 1.00	20.69	± 2.50
BC-760[B]	Neu#	$\times 10^9/L$	2.26	± 0.39	4.00	± 0.78	11.48	± 2.07
BC-700[B] CS	Lym#	$\times 10^9/L$	1.02	± 0.31	2.72	± 0.62	6.89	± 1.66
BC-760[B] CS	Mon#	$\times 10^9/L$	0.15	± 0.15	0.39	± 0.39	0.95	± 0.95
BC-700[R]	Eos#	$\times 10^9/L$	0.32	± 0.32	0.53	± 0.53	1.06	± 1.06
BC-720[R]	Bas#	$\times 10^9/L$	0.06	± 0.20	0.12	± 0.40	0.31	± 1.04
BC-760[R]	Neu%	%	59.1	± 10.0	51.6	± 10.0	55.5	± 10.0
BC-700[R] CS	Lym%	%	26.9	± 8.0	35.1	± 8.0	33.3	± 8.0
BC-760[R] CS	Mon%	%	4.0	± 4.0	5.0	± 5.0	4.6	± 4.6
BP 200n	Eos%	%	8.5	± 8.5	6.8	± 6.8	5.1	± 5.1
BP 260n	Bas%	%	1.5	± 5.0	1.5	± 5.0	1.5	± 5.0
QC Mode	RBC	$\times 10^{12}/L$	2.26	± 0.18	4.25	± 0.24	5.10	± 0.30
	HGB	g/dL	6.0	± 0.4	12.3	± 0.6	15.6	± 0.8
	HCT	%	19.4	± 1.5	40.2	± 2.0	52.1	± 2.4
	MCV	fL	85.8	± 5.0	94.7	± 5.0	102.2	± 5.0
	MCH	pg	26.5	± 2.5	28.9	± 2.5	30.6	± 2.5
	MCHC	g/dL	30.9	± 3.0	30.6	± 3.0	29.9	± 3.0
	RDW-CV	%	18.9	± 3.0	15.1	± 3.0	14.5	± 3.0
	RDW-SD	fL	58.8	± 6.0	52.7	± 6.0	53.5	± 8.0
	PLT	$\times 10^9/L$	58	± 20	203	± 40	376	± 60
	PLT-H	$\times 10^9/L$	58	± 20	205	± 40	379	± 60
	MPV	fL	10.5	± 3.0	11.1	± 3.0	10.9	± 3.0
	PDW	/	16.6	± 3.0	16.6	± 3.0	16.6	± 3.0
	PCT	%	0.061	± 0.050	0.225	± 0.100	0.410	± 0.200
	P-LCR	%	32.2	± 20.0	34.2	± 10.0	32.9	± 10.0
	P-LCC	$\times 10^9/L$	19	± 12	69	± 24	124	± 50
	IMG#	$\times 10^9/L$	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#	$\times 10^9/L$	0.088	± 0.088	0.155	± 0.155	0.445	± 0.445
	NRBC%	/100WBC	2.30	± 2.30	2.00	± 2.00	2.15	± 2.15
	IPF	%	2.4	± 5.0	2.5	± 5.0	2.5	± 5.0
	ESR	mm/h	38.31	± 10.00	15.11	± 4.00	/	$\pm /$

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Instrument	Parameter		Low		Normal		High	
			LOT	MB0726AL	LOT	MB0726AN	LOT	MB0726AH
BC-7600	WBC	$\times 10^9/L$	3.88	± 0.80	7.78	± 1.00	20.77	± 2.50
BC-7800	Neu#	$\times 10^9/L$	2.24	± 0.50	3.88	± 0.80	11.22	± 2.00
BC-7900	Lym#	$\times 10^9/L$	1.04	± 0.40	2.69	± 0.80	6.83	± 1.60
(Not applicable to Russia)	Mon#	$\times 10^9/L$	0.14	± 0.12	0.37	± 0.38	0.93	± 0.80
	Eos#	$\times 10^9/L$	0.40	± 0.30	0.73	± 0.50	1.50	± 1.20
	Bas#	$\times 10^9/L$	0.06	± 0.10	0.11	± 0.10	0.29	± 0.29
	Neu%	%	57.7	± 12.0	49.8	± 10.0	54.0	± 10.0
	Lym%	%	26.7	± 9.5	34.6	± 10.0	32.9	± 8.0
	Mon%	%	3.7	± 3.0	4.8	± 4.0	4.5	± 3.5
	Eos%	%	10.4	± 7.0	9.4	± 6.0	7.2	± 6.0
	Bas%	%	1.5	± 1.0	1.4	± 1.0	1.4	± 1.5
	RBC	$\times 10^{12}/L$	2.26	± 0.18	4.24	± 0.24	5.09	± 0.30
	HGB	g/dL	5.9	± 0.4	12.3	± 0.6	15.7	± 0.8
	HCT	%	19.5	± 2.0	40.1	± 2.5	51.9	± 3.0
	MCV	fL	86.2	± 5.0	94.6	± 5.0	101.9	± 5.0
	MCH	pg	26.1	± 2.5	29.0	± 2.5	30.8	± 2.5
	MCHC	g/dL	30.3	± 3.0	30.7	± 3.0	30.3	± 3.0
	RDW-CV	%	18.8	± 5.0	15.2	± 5.0	14.4	± 6.0
	RDW-SD	fL	58.1	± 10.0	51.8	± 10.0	52.6	± 12.0
	PLT	$\times 10^9/L$	56	± 20	200	± 40	373	± 60
	PLT-H	$\times 10^9/L$	56	± 20	199	± 40	371	± 60
	MPV	fL	10.4	± 3.0	11.1	± 3.0	11.0	± 3.0
	PDW	/	16.6	± 5.0	16.5	± 5.0	16.7	± 5.0
	PCT	%	0.058	± 0.050	0.222	± 0.100	0.410	± 0.200
	P-LCR	%	32.3	± 10.0	34.7	± 10.0	33.5	± 10.0
	P-LCC	$\times 10^9/L$	18	± 8	69	± 24	125	± 50
	IMG#	$\times 10^9/L$	0.05	± 0.50	0.09	± 0.90	0.25	± 2.20
	IMG%	%	1.3	± 10.0	1.2	± 10.0	1.2	± 10.0
	NRBC#	$\times 10^9/L$	0.313	± 0.300	0.363	± 0.500	0.415	± 0.300
	NRBC%	/100WBC	8.06	± 10.00	4.67	± 10.00	2.00	± 10.00
	Micro%	%	3.0	± 15.0	2.3	± 4.0	2.0	± 2.5
	Macro%	%	4.5	± 3.0	4.8	± 5.0	5.8	± 10.0
	Neu-X	/	390.9	± 120.0	414.9	± 120.0	404.1	± 120.0
	Neu-Y	/	518.4	± 120.0	515.8	± 150.0	523.0	± 150.0
	Mon-X	/	229.7	± 120.0	222.3	± 120.0	222.7	± 120.0
	PLT-I	$\times 10^9/L$	56	± 20	200	± 40	373	± 60
	ESR	mm/h	38.14	± 10.00	14.58	± 4.00	/	$\pm /$
	WBC-M*	$\times 10^9/L$	4.02	± 0.80	7.90	± 1.00	21.05	± 2.50

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

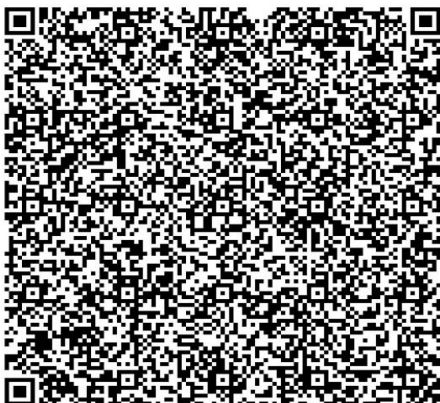
WBC-M applies to BC-7900.

*Research use only.

AS908 Rev.08



BC-6000series_MB0726AL



BC-6000series_MB0726AN



BC-6000series_MB0726AH



BC-6800PLUS_MB0726AL



BC-6800PLUS_MB0726AN



BC-6800PLUS_MB0726AH



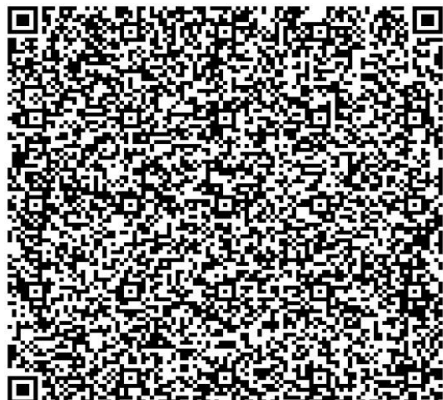
BC-6800series_MB0726AL



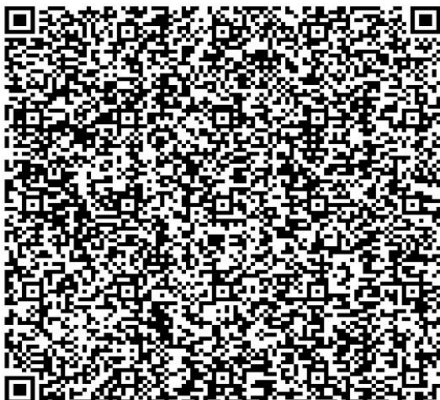
BC-6800series_MB0726AN



BC-6800series_MB0726AH



BC-700series_MB0726AL



BC-700series_MB0726AN



BC-700series_MB0726AH



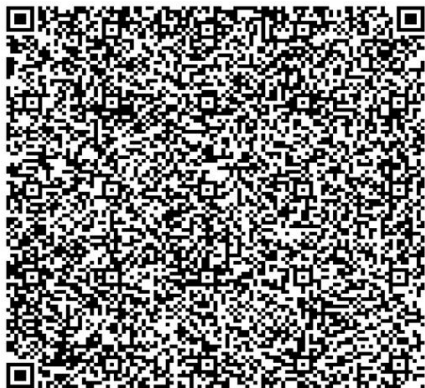
BC-7500series_MB0726AL



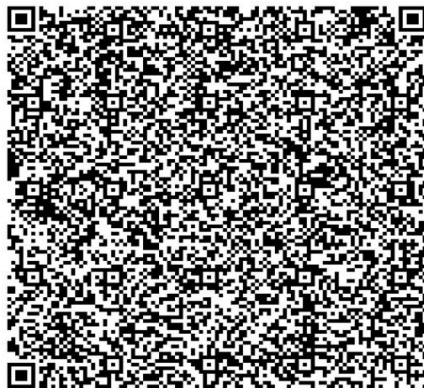
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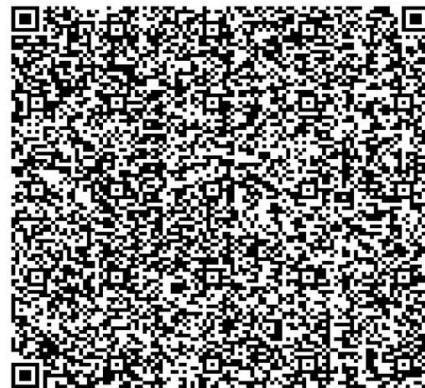
BC-7500series_MB0726AH



BC-7600series_MB0726AL



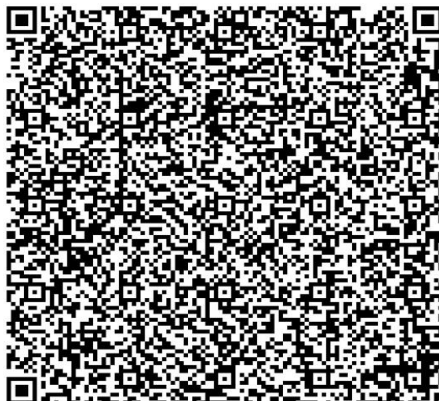
BC-7600series_MB0726AN



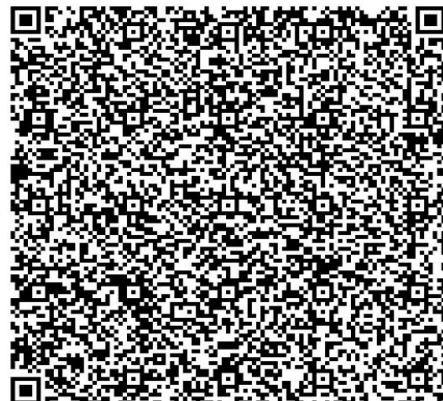
BC-7600series_MB0726AH



BP200nseries_MB0726AL



BP200nseries_MB0726AN



BP200nseries_MB0726AH