

BC-6D

HEMATOLOGY CONTROLS

CONTROL

ASSAY VALUES AND EXPECTED RANGES

LOT MB0126A



2026-03-10

Instrument	Parameter		Low		Normal		High	
			LOT	MB0126AL	LOT	MB0126AN	LOT	MB0126AH
BC-7500[B] CRP	WBC	$\times 10^9/L$	3.78	± 0.50	7.62	± 1.00	20.72	± 2.50
BC-7500[N] CRP	Neu#	$\times 10^9/L$	2.14	± 0.38	3.50	± 1.27	11.23	± 2.08
BC-7500[R] CRP	Lym#	$\times 10^9/L$	0.93	± 0.31	2.78	± 0.61	6.67	± 1.66
BC-7500[NR] CRP	Mon#	$\times 10^9/L$	0.13	± 0.13	0.38	± 0.38	0.93	± 0.93
BC-7300[B] CRP	Eos#	$\times 10^9/L$	0.52	± 0.34	0.85	± 1.10	1.60	± 1.60
BC-7300[R] CRP	Bas#	$\times 10^9/L$	0.06	± 0.20	0.11	± 0.40	0.29	± 1.04
BC-7300[NR] CRP	Neu%	%	56.7	± 10.0	45.9	± 16.6	54.2	± 10.0
BC-7500[B] CS	Lym%	%	24.5	± 8.0	36.5	± 8.0	32.2	± 8.0
BC-7500[N] CS	Mon%	%	3.5	± 3.5	5.0	± 5.0	4.5	± 4.5
BC-7500[R] CS	Eos%	%	13.8	± 9.0	11.2	± 14.4	7.7	± 7.7
BC-7500[NR] CS	Bas%	%	1.5	± 5.0	1.4	± 5.0	1.4	± 5.0
QC Mode	RBC	$\times 10^{12}/L$	2.18	± 0.18	4.32	± 0.24	5.13	± 0.30
	HGB	g/dL	5.8	± 0.4	12.4	± 0.6	15.8	± 0.8
	HCT	%	18.7	± 1.5	39.8	± 2.0	51.6	± 2.4
	MCV	fL	85.9	± 5.0	92.2	± 5.0	100.5	± 5.0
	MCH	pg	26.6	± 2.5	28.7	± 2.5	30.8	± 2.5
	MCHC	g/dL	31.0	± 3.0	31.1	± 3.0	30.6	± 3.0
	RDW-CV	%	17.7	± 3.0	15.7	± 3.0	14.4	± 3.0
	RDW-SD	fL	55.6	± 6.0	53.0	± 6.0	52.5	± 8.0
	PLT	$\times 10^9/L$	53	± 20	199	± 40	392	± 60
	MPV	fL	10.8	± 3.0	10.6	± 3.0	11.4	± 3.0
	PDW	/	16.6	± 3.0	16.7	± 3.0	16.5	± 3.0
	PCT	%	0.057	± 0.050	0.211	± 0.100	0.447	± 0.200
	P-LCR	%	33.8	± 20.0	31.2	± 10.0	37.1	± 10.0
	P-LCC	$\times 10^9/L$	18	± 12	62	± 24	145	± 50
	IMG#	$\times 10^9/L$	0.05	± 0.42	0.10	± 0.77	0.27	± 2.08
	IMG%	%	1.2	± 10.0	1.3	± 10.0	1.3	± 10.0
	NRBC#	$\times 10^9/L$	0.314	± 0.314	0.318	± 0.318	0.472	± 0.472
	NRBC%	/100WBC	8.31	± 8.31	4.17	± 4.17	2.28	± 2.28

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			LOT	MB0126AL	LOT	MB0126AN	LOT	MB0126AH
BC-6800	WBC	$\times 10^9/L$	3.81	± 0.50	7.45	± 1.00	20.54	± 2.50
BC-6600	Neu#	$\times 10^9/L$	2.16	± 0.39	3.24	± 1.40	11.08	± 2.06
QC Mode	Lym#	$\times 10^9/L$	0.95	± 0.31	2.78	± 0.60	6.61	± 1.65
	Mon#	$\times 10^9/L$	0.13	± 0.13	0.37	± 0.37	0.92	± 0.92
	Eos#	$\times 10^9/L$	0.53	± 0.35	0.98	± 0.98	1.70	± 1.70
	Bas#	$\times 10^9/L$	0.04	± 0.19	0.08	± 0.37	0.23	± 1.05
	Neu%	%	56.5	± 10.0	43.5	± 18.7	53.9	± 10.0
	Lym%	%	25.0	± 8.0	37.3	± 8.0	32.2	± 8.0
	Mon%	%	3.5	± 3.5	5.0	± 5.0	4.5	± 4.5
	Eos%	%	13.9	± 9.0	13.1	± 11.0	8.3	± 8.3
	Bas%	%	1.1	± 5.0	1.1	± 5.0	1.1	± 5.0
	RBC	$\times 10^{12}/L$	2.23	± 0.18	4.31	± 0.24	5.07	± 0.30
	HGB	g/dL	5.9	± 0.4	12.3	± 0.6	15.6	± 0.8
	HCT	%	19.3	± 1.5	39.8	± 2.0	50.5	± 2.4
	MCV	fL	86.5	± 5.0	92.3	± 5.0	99.6	± 5.0
	MCH	pg	26.5	± 2.5	28.5	± 2.5	30.8	± 2.5
	MCHC	g/dL	30.6	± 3.0	30.9	± 3.0	30.9	± 3.0
	RDW-CV	%	16.5	± 3.0	15.3	± 3.0	14.8	± 3.0
	RDW-SD	fL	50.3	± 6.0	50.9	± 6.0	52.6	± 8.0
	PLT	$\times 10^9/L$	52	± 20	200	± 40	408	± 60
	MPV	fL	10.5	± 3.0	10.4	± 3.0	11.1	± 3.0
	PDW	/	16.3	± 3.0	16.5	± 3.0	16.4	± 3.0
	PCT	%	0.055	± 0.050	0.208	± 0.100	0.453	± 0.200
	P-LCR	%	30.9	± 20.0	29.0	± 10.0	34.5	± 10.0
	P-LCC	$\times 10^9/L$	16	± 12	58	± 24	141	± 50
	IMG#*	$\times 10^9/L$	0.05	± 0.39	0.10	± 0.72	0.27	± 2.08
	IMG%*	%	1.3	± 10.0	1.4	± 10.0	1.3	± 10.0
	NRBC#	$\times 10^9/L$	0.358	± 0.358	0.346	± 0.346	0.618	± 0.618
	NRBC%	/100WBC	9.39	± 9.39	4.64	± 4.64	3.01	± 3.01

*Software version 1.09 or higher.

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Instrument	Parameter		Low		Normal		High	
			LOT	MB0126AL	LOT	MB0126AN	LOT	MB0126AH
BC-6800Plus	WBC	$\times 10^9/L$	3.84	± 0.50	7.48	± 1.00	20.80	± 2.50
BC-6700Plus	Neu#	$\times 10^9/L$	2.16	± 0.39	3.39	± 1.14	11.09	± 2.09
BC-6600Plus	Lym#	$\times 10^9/L$	0.96	± 0.31	2.78	± 0.60	6.80	± 1.67
QC Mode	Mon#	$\times 10^9/L$	0.13	± 0.13	0.38	± 0.38	0.94	± 0.94
	Eos#	$\times 10^9/L$	0.53	± 0.35	0.82	± 1.02	1.66	± 1.66
	Bas#	$\times 10^9/L$	0.06	± 0.06	0.11	± 0.11	0.31	± 0.31
	Neu%	%	56.4	± 10.0	45.2	± 15.2	53.3	± 10.0
	Lym%	%	24.9	± 8.0	37.2	± 8.0	32.7	± 8.0
	Mon%	%	3.5	± 3.5	5.1	± 5.1	4.5	± 4.5
	Eos%	%	13.7	± 9.0	11.0	± 13.6	8.0	± 8.0
	Bas%	%	1.5	± 1.5	1.5	± 1.5	1.5	± 1.5
	RBC	$\times 10^{12}/L$	2.25	± 0.18	4.30	± 0.24	5.08	± 0.30
	HGB	g/dL	5.9	± 0.4	12.4	± 0.6	15.6	± 0.8
	HCT	%	19.3	± 1.5	39.7	± 2.0	51.0	± 2.4
	MCV	fL	85.7	± 5.0	92.4	± 5.0	100.3	± 5.0
	MCH	pg	26.2	± 2.5	28.8	± 2.5	30.7	± 2.5
	MCHC	g/dL	30.6	± 3.0	31.2	± 3.0	30.6	± 3.0
	RDW-CV	%	16.5	± 3.0	15.5	± 3.0	14.5	± 3.0
	RDW-SD	fL	50.2	± 6.0	50.9	± 6.0	52.0	± 8.0
	PLT	$\times 10^9/L$	52	± 20	199	± 40	401	± 60
	PLT-H	$\times 10^9/L$	56	± 20	201	± 40	403	± 60
	MPV	fL	10.6	± 3.0	10.4	± 3.0	11.2	± 3.0
	PDW	/	16.4	± 3.0	16.5	± 3.0	16.4	± 3.0
	PCT	%	0.055	± 0.050	0.207	± 0.100	0.449	± 0.200
	P-LCR	%	30.4	± 20.0	29.1	± 10.0	34.9	± 10.0
	P-LCC	$\times 10^9/L$	16	± 12	58	± 24	140	± 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#	$\times 10^9/L$	0.314	± 0.314	0.319	± 0.319	0.522	± 0.522
	NRBC%	/100WBC	8.18	± 8.18	4.27	± 4.27	2.51	± 2.51
	Micro%	%	3.2	± 15.0	2.5	± 4.0	2.1	± 2.5
	Macro%	%	4.3	± 3.0	4.7	± 5.0	5.4	± 10.0
	Neu-X	/	386.9	± 120.0	384.7	± 120.0	381.5	± 120.0
	Neu-Y	/	512.0	± 120.0	506.6	± 150.0	513.8	± 150.0
	Mon-X	/	205.1	± 120.0	203.6	± 120.0	199.4	± 120.0
	PLT-I	$\times 10^9/L$	52	± 20	199	± 40	401	± 60
	ESR*	mm/h	38.54	± 10.00	15.83	± 4.00	/	$\pm /$

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

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Instrument	Parameter		Low		Normal		High	
			LOT	MB0126AL	LOT	MB0126AN	LOT	MB0126AH
BC-6000	WBC	$\times 10^9/L$	3.74	± 0.50	7.65	± 1.00	21.06	± 2.50
BC-6100	Neu#	$\times 10^9/L$	2.13	± 0.38	3.51	± 1.40	11.24	± 2.11
BC-6200	Lym#	$\times 10^9/L$	0.92	± 0.30	2.82	± 0.62	6.91	± 1.69
BC-6000Plus	Mon#	$\times 10^9/L$	0.13	± 0.13	0.39	± 0.39	0.95	± 0.95
BC-6100Plus	Eos#	$\times 10^9/L$	0.50	± 0.30	0.82	± 1.02	1.64	± 1.64
QC Mode	Bas#	$\times 10^9/L$	0.06	± 0.06	0.11	± 0.11	0.32	± 0.32
	Neu%	%	56.9	± 10.0	45.8	± 18.2	53.4	± 10.0
	Lym%	%	24.6	± 8.0	36.9	± 8.0	32.8	± 8.0
	Mon%	%	3.5	± 3.5	5.1	± 5.1	4.5	± 4.5
	Eos%	%	13.5	± 8.0	10.7	± 13.3	7.8	± 7.8
	Bas%	%	1.5	± 1.5	1.5	± 1.5	1.5	± 1.5
	RBC	$\times 10^{12}/L$	2.24	± 0.18	4.36	± 0.24	5.13	± 0.30
	HGB	g/dL	5.9	± 0.4	12.4	± 0.6	15.8	± 0.8
	HCT	%	19.8	± 1.5	40.4	± 2.0	50.9	± 2.4
	MCV	fL	88.3	± 5.0	92.7	± 5.0	99.3	± 5.0
	MCH	pg	26.3	± 2.5	28.4	± 2.5	30.8	± 2.5
	MCHC	g/dL	29.8	± 3.0	30.7	± 3.0	31.0	± 3.0
	RDW-CV	%	17.0	± 3.0	15.7	± 3.0	14.6	± 3.0
	RDW-SD	fL	54.4	± 6.0	53.8	± 6.0	53.8	± 8.0
	PLT	$\times 10^9/L$	53	± 20	214	± 40	417	± 60
	MPV	fL	11.6	± 3.0	11.1	± 3.0	11.6	± 3.0
	PDW	/	16.5	± 3.0	16.5	± 3.0	16.4	± 3.0
	PCT	%	0.061	± 0.050	0.238	± 0.100	0.484	± 0.200
	P-LCR	%	36.4	± 20.0	33.0	± 10.0	37.4	± 10.0
	P-LCC	$\times 10^9/L$	19	± 12	71	± 24	156	± 50
	IMG#	$\times 10^9/L$	0.05	± 0.39	0.11	± 0.79	0.29	± 2.08
	IMG%	%	1.3	± 10.0	1.4	± 10.0	1.4	± 10.0
	NRBC#	$\times 10^9/L$	0.329	± 0.329	0.314	± 0.314	0.491	± 0.491
	NRBC%	/100WBC	8.80	± 8.80	4.10	± 4.10	2.33	± 2.33
	Micro%	%	3.0	± 15.0	2.7	± 4.0	2.0	± 2.5
	Macro%	%	4.7	± 3.0	5.3	± 5.0	6.7	± 10.0
	Neu-X	/	389.5	± 120.0	394.9	± 120.0	404.6	± 120.0
	Neu-Y	/	521.0	± 120.0	522.6	± 150.0	515.2	± 150.0
	Mon-X	/	205.4	± 120.0	202.7	± 120.0	207.8	± 120.0
	PLT-I	$\times 10^9/L$	53	± 20	214	± 40	417	± 60

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2026-03-10

Instrument	Parameter		Low		Normal		High	
			LOT	MB0126AL	LOT	MB0126AN	LOT	MB0126AH
BC-700[B]	WBC	$\times 10^9/L$	3.82	± 0.50	7.90	± 1.00	21.52	± 2.50
BC-760[B]	Neu#	$\times 10^9/L$	2.24	± 0.39	3.11	± 1.18	12.09	± 2.16
BC-700[B] CS	Lym#	$\times 10^9/L$	0.94	± 0.31	2.90	± 0.64	6.89	± 1.73
BC-760[B] CS	Mon#	$\times 10^9/L$	0.13	± 0.13	0.40	± 0.40	0.95	± 0.95
BC-700[R]	Eos#	$\times 10^9/L$	0.46	± 0.46	1.38	± 1.38	1.29	± 1.29
BC-720[R]	Bas#	$\times 10^9/L$	0.05	± 0.18	0.11	± 0.40	0.30	± 1.08
BC-760[R]	Neu%	%	58.7	± 10.0	39.4	± 14.9	56.2	± 10.0
BC-700[R] CS	Lym%	%	24.5	± 8.0	36.7	± 8.0	32.0	± 8.0
BC-760[R] CS	Mon%	%	3.4	± 3.4	5.0	± 5.0	4.4	± 4.4
BP 200n	Eos%	%	12.0	± 12.0	17.5	± 17.5	6.0	± 6.0
BP 260n	Bas%	%	1.4	± 5.0	1.4	± 5.0	1.4	± 5.0
QC Mode	RBC	$\times 10^{12}/L$	2.24	± 0.18	4.39	± 0.24	5.18	± 0.30
	HGB	g/dL	5.9	± 0.4	12.4	± 0.6	15.7	± 0.8
	HCT	%	19.5	± 1.5	41.0	± 2.0	52.5	± 2.4
	MCV	fL	87.2	± 5.0	93.4	± 5.0	101.3	± 5.0
	MCH	pg	26.3	± 2.5	28.2	± 2.5	30.3	± 2.5
	MCHC	g/dL	30.2	± 3.0	30.2	± 3.0	29.9	± 3.0
	RDW-CV	%	17.5	± 3.0	15.7	± 3.0	14.4	± 3.0
	RDW-SD	fL	56.1	± 6.0	53.8	± 6.0	53.3	± 8.0
	PLT	$\times 10^9/L$	55	± 20	208	± 40	406	± 60
	PLT-H	$\times 10^9/L$	56	± 20	210	± 40	411	± 60
	MPV	fL	10.9	± 3.0	10.7	± 3.0	11.4	± 3.0
	PDW	/	16.6	± 3.0	16.8	± 3.0	16.6	± 3.0
	PCT	%	0.060	± 0.050	0.223	± 0.100	0.463	± 0.200
	P-LCR	%	34.3	± 20.0	31.8	± 10.0	36.9	± 10.0
	P-LCC	$\times 10^9/L$	19	± 12	66	± 24	150	± 50
	IMG#	$\times 10^9/L$	0.05	± 0.42	0.10	± 0.77	0.26	± 2.17
	IMG%	%	1.2	± 10.0	1.3	± 10.0	1.2	± 10.0
	NRBC#	$\times 10^9/L$	0.089	± 0.089	0.119	± 0.119	0.458	± 0.458
	NRBC%	/100WBC	2.33	± 2.33	1.51	± 1.51	2.13	± 2.13
	IPF	%	2.6	± 5.0	2.4	± 5.0	2.4	± 5.0
	ESR	mm/h	39.61	± 10.00	14.82	± 4.00	/	± /

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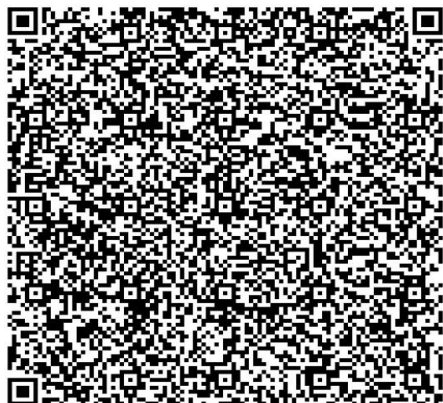
Instrument	Parameter	Low		Normal		High	
		LOT	MB0126AL	LOT	MB0126AN	LOT	MB0126AH
BC-7600	WBC	$\times 10^9/L$	3.83 \pm 0.80		7.79 \pm 1.00		21.20 \pm 2.50
BC-7800	Neu#	$\times 10^9/L$	2.18 \pm 0.50		3.31 \pm 1.49		11.51 \pm 2.00
BC-7900 (Not applicable to Russia)	Lym#	$\times 10^9/L$	0.94 \pm 0.40		2.86 \pm 0.80		6.81 \pm 1.60
	Mon#	$\times 10^9/L$	0.13 \pm 0.12		0.40 \pm 0.38		0.93 \pm 0.80
	Eos#	$\times 10^9/L$	0.52 \pm 0.30		1.11 \pm 1.02		1.65 \pm 1.20
	Bas#	$\times 10^9/L$	0.06 \pm 0.10		0.11 \pm 0.10		0.30 \pm 0.29
	Neu%	%	56.7 \pm 12.0		42.6 \pm 19.1		54.3 \pm 10.0
	Lym%	%	24.6 \pm 9.5		36.7 \pm 10.0		32.1 \pm 8.0
	Mon%	%	3.5 \pm 3.0		5.1 \pm 4.0		4.4 \pm 3.5
	Eos%	%	13.7 \pm 7.0		14.2 \pm 13.0		7.8 \pm 6.0
	Bas%	%	1.5 \pm 1.0		1.4 \pm 1.0		1.4 \pm 1.5
	RBC	$\times 10^{12}/L$	2.19 \pm 0.18		4.31 \pm 0.24		5.11 \pm 0.30
	HGB	g/dL	5.8 \pm 0.4		12.4 \pm 0.6		15.7 \pm 0.8
	HCT	%	19.1 \pm 2.0		40.3 \pm 2.5		51.9 \pm 3.0
	MCV	fL	87.4 \pm 5.0		93.6 \pm 5.0		101.5 \pm 5.0
	MCH	pg	26.5 \pm 2.5		28.8 \pm 2.5		30.7 \pm 2.5
	MCHC	g/dL	30.3 \pm 3.0		30.7 \pm 3.0		30.3 \pm 3.0
	RDW-CV	%	17.6 \pm 5.0		15.6 \pm 5.0		14.4 \pm 6.0
	RDW-SD	fL	55.4 \pm 10.0		52.7 \pm 10.0		52.3 \pm 12.0
	PLT	$\times 10^9/L$	53 \pm 20		198 \pm 40		392 \pm 60
	PLT-H	$\times 10^9/L$	53 \pm 20		197 \pm 40		390 \pm 60
	MPV	fL	10.8 \pm 3.0		10.6 \pm 3.0		11.3 \pm 3.0
	PDW	/	16.6 \pm 5.0		16.7 \pm 5.0		16.5 \pm 5.0
	PCT	%	0.057 \pm 0.050		0.210 \pm 0.100		0.443 \pm 0.200
	P-LCR	%	33.4 \pm 10.0		30.8 \pm 10.0		36.1 \pm 10.0
	P-LCC	$\times 10^9/L$	18 \pm 8		61 \pm 24		142 \pm 50
	IMG#	$\times 10^9/L$	0.05 \pm 0.50		0.10 \pm 0.90		0.28 \pm 2.20
	IMG%	%	1.3 \pm 10.0		1.3 \pm 10.0		1.3 \pm 10.0
	NRBC#	$\times 10^9/L$	0.321 \pm 0.300		0.329 \pm 0.500		0.471 \pm 0.300
	NRBC%	/100WBC	8.39 \pm 10.00		4.22 \pm 10.00		2.22 \pm 10.00
	Micro%	%	2.8 \pm 15.0		2.4 \pm 4.0		2.0 \pm 2.5
	Macro%	%	4.6 \pm 3.0		4.8 \pm 5.0		5.7 \pm 10.0
	Neu-X	/	393.8 \pm 120.0		400.0 \pm 120.0		398.4 \pm 120.0
	Neu-Y	/	520.8 \pm 120.0		521.1 \pm 150.0		524.6 \pm 150.0
	Mon-X	/	215.7 \pm 120.0		216.6 \pm 120.0		214.7 \pm 120.0
	PLT-I	$\times 10^9/L$	53 \pm 20		198 \pm 40		392 \pm 60
	ESR	mm/h	39.06 \pm 10.00		13.95 \pm 4.00		/ \pm /
	WBC-M*	$\times 10^9/L$	3.93 \pm 0.80		7.86 \pm 1.00		21.55 \pm 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.

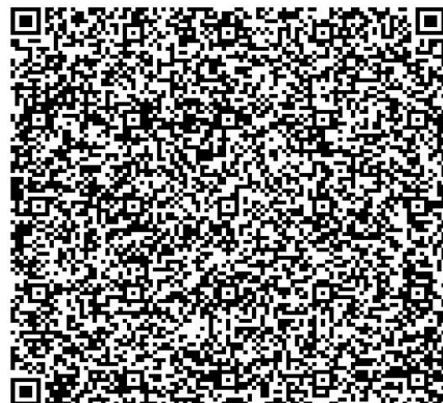
AS908 Rev.08



BC-6000series_MB0126AL



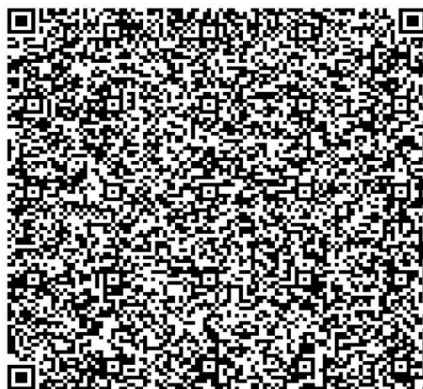
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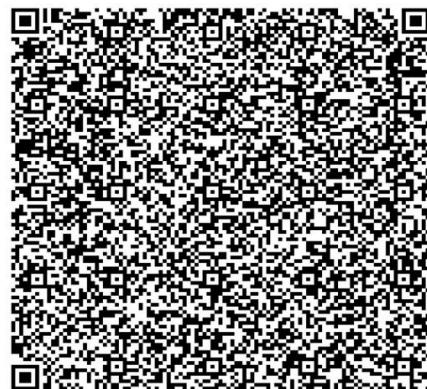
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BC-6800PLUS_MB0126AL



BC-6800PLUS_MB0126AN



BC-6800PLUS_MB0126AH



BC-6800series_MB0126AL



BC-6800series_MB0126AN



BC-6800series_MB0126AH



BC-700series_MB0126AL



BC-700series_MB0126AN



BC-700series_MB0126AH



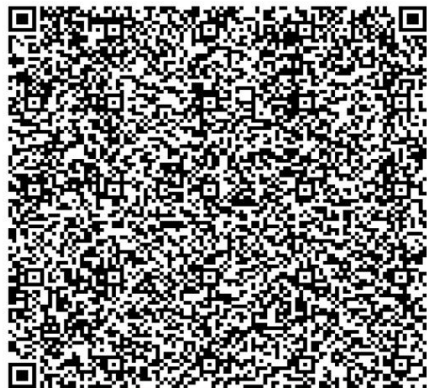
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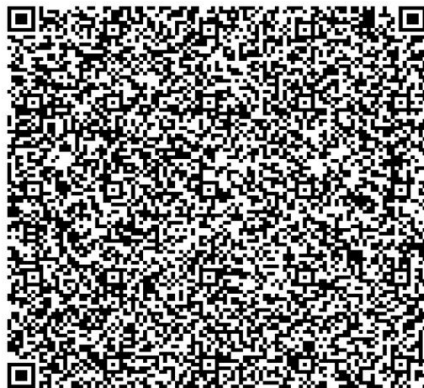
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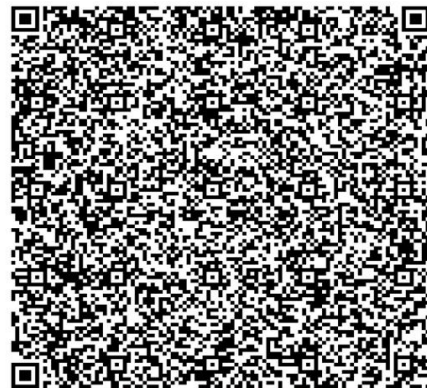
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BC-7600series_MB0126AL



BC-7600series_MB0126AN



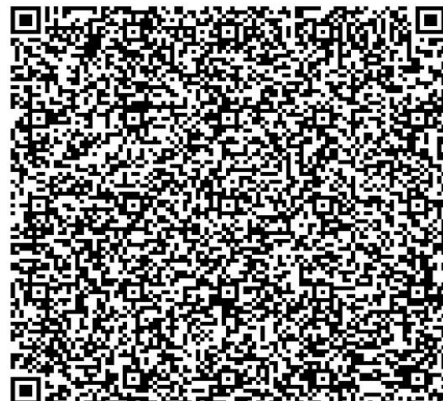
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BP200nseries_MB0126AL



BP200nseries_MB0126AN



BP200nseries_MB0126AH