

BC-3D**HEMATOLOGY CONTROLS****CONTROL****LOT B1125****2026-02-05**

ASSAY VALUES AND EXPECTED RANGES

Instrument	Parameter	Low		Normal		High		+
		LOT	B1125L	LOT	B1125N	LOT	B1125H	
BC-3200, BC-3000CT	WBC × 10 ³ /μL	2.1	± 0.5	8.1	± 1.0	22.3	± 2.5	
	RBC × 10 ⁶ /μL	2.35	± 0.18	4.62	± 0.24	5.74	± 0.30	
	HGB g/dL	6.1	± 0.4	13.8	± 0.6	18.8	± 0.8	
	HCT %	18.3	± 1.5	40.4	± 2.0	54.8	± 2.4	
	MCV fL	77.8	± 5.0	87.5	± 5.0	95.4	± 5.0	
	MCH pg	26.0	± 2.5	29.9	± 2.5	32.8	± 2.5	
	MCHC g/dL	33.4	± 3.0	34.1	± 3.0	34.3	± 3.0	
	RDW-CV	15.5	± 3.0	14.5	± 3.0	14.2	± 3.0	
	RDW-SD	40.8	± 6.0	43.5	± 6.0	45.3	± 8.0	
	PLT × 10 ³ /μL	72	± 20	249	± 40	512	± 60	
	MPV fL	7.7	± 3.0	7.4	± 3.0	7.4	± 3.0	
	Lymph %	51.4	± 12.0	28.9	± 8.0	11.6	± 6.0	
	Mid %	12.8	± 10.0	6.4	± 6.0	5.8	± 4.0	
	Gran %	35.8	± 9.0	64.7	± 8.0	82.6	± 9.0	
	Lymph × 10 ³ /μL	1.1	± 0.3	2.3	± 0.7	2.6	± 1.4	
	Mid × 10 ³ /μL	0.3	± 0.3	0.5	± 0.5	1.3	± 0.9	
	Gran × 10 ³ /μL	0.7	± 0.2	5.3	± 0.7	18.4	± 2.0	
BC-3000 Plus, BC-2900, BC-1800	WBC × 10 ³ /μL	2.1	± 0.5	8.1	± 1.0	21.8	± 2.5	
	RBC × 10 ⁶ /μL	2.38	± 0.18	4.72	± 0.24	5.81	± 0.30	
	HGB g/dL	6.1	± 0.4	14.0	± 0.6	19.0	± 0.8	
	HCT %	18.1	± 1.5	40.7	± 2.0	54.3	± 2.4	
	MCV fL	76.1	± 5.0	86.2	± 5.0	93.4	± 5.0	
	MCH pg	25.6	± 2.5	29.7	± 2.5	32.7	± 2.5	
	MCHC g/dL	33.7	± 3.0	34.4	± 3.0	35.0	± 3.0	
	RDW-CV	16.8	± 3.0	15.4	± 3.0	14.7	± 3.0	
	RDW-SD	42.7	± 6.0	45.4	± 6.0	47.1	± 8.0	
	PLT × 10 ³ /μL	71	± 20	254	± 40	513	± 60	
	MPV fL	7.8	± 3.0	7.6	± 3.0	7.6	± 3.0	
	PCT % *	0.055	± 0.050	0.193	± 0.100	0.390	± 0.200	
	PDW *	16.6	± 3.0	15.8	± 3.0	15.8	± 3.0	
	Lymph %	53.8	± 12.0	29.3	± 8.0	11.9	± 6.0	
	Mid %	12.6	± 9.0	7.0	± 7.0	6.1	± 6.0	
	Gran %	33.6	± 9.0	63.7	± 8.0	82.0	± 8.0	
	Lymph × 10 ³ /μL	1.1	± 0.3	2.4	± 0.7	2.6	± 1.4	
	Mid × 10 ³ /μL	0.3	± 0.3	0.6	± 0.6	1.3	± 1.3	
	Gran × 10 ³ /μL	0.7	± 0.2	5.1	± 0.7	17.9	± 1.8	

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ASSAY VALUES AND EXPECTED RANGES

Instrument	Parameter	Low		Normal		High		++
		LOT	B1125L	LOT	B1125N	LOT	B1125H	
BC-2800, BC-2600 (Software version 2.0 or higher)	WBC × 10 ³ /μL	2.0	± 0.5	7.9	± 1.0	21.9	± 2.5	
	RBC × 10 ⁶ /μL	2.31	± 0.18	4.66	± 0.24	5.81	± 0.30	
	HGB g/dL	6.1	± 0.4	13.9	± 0.6	19.0	± 0.8	
	HCT %	17.6	± 1.5	40.0	± 2.0	54.8	± 2.4	
	MCV fL	76.1	± 5.0	85.9	± 5.0	94.4	± 5.0	
	MCH pg	26.4	± 2.5	29.8	± 2.5	32.7	± 2.5	
	MCHC g/dL	34.7	± 3.0	34.7	± 3.0	34.6	± 3.0	
	RDW-CV	16.4	± 3.0	14.8	± 3.0	14.4	± 3.0	
	RDW-SD	42.0	± 6.0	42.5	± 6.0	44.4	± 8.0	
	PLT × 10 ³ /μL	61	± 20	242	± 40	510	± 60	
	MPV fL	9.2	± 3.0	9.2	± 3.0	9.2	± 3.0	
	PCT % *	0.056	± 0.050	0.223	± 0.100	0.469	± 0.200	
	PDW *	15.1	± 3.0	14.7	± 3.0	14.8	± 3.0	
	Lymph %	56.5	± 12.0	31.4	± 8.0	13.6	± 7.0	
	Mid %	10.6	± 8.0	5.1	± 4.0	4.4	± 4.0	
	Gran %	32.9	± 10.0	63.5	± 9.0	82.0	± 8.0	
	Lymph × 10 ³ /μL	1.1	± 0.3	2.5	± 0.7	3.0	± 1.6	
	Mid × 10 ³ /μL	0.2	± 0.2	0.4	± 0.4	1.0	± 0.9	
	Gran × 10 ³ /μL	0.7	± 0.3	5.0	± 0.7	17.9	± 1.8	
BC-2300, BC-2100	WBC × 10 ³ /μL	2.0	± 0.5	7.8	± 1.0	21.8	± 2.5	
	RBC × 10 ⁶ /μL	2.31	± 0.18	4.59	± 0.24	5.69	± 0.30	
	HGB g/dL	6.2	± 0.4	13.7	± 0.6	18.5	± 0.8	
	HCT %	17.5	± 1.5	39.4	± 2.0	53.2	± 2.4	
	MCV fL	75.6	± 5.0	85.8	± 5.0	93.5	± 5.0	
	MCH pg	26.8	± 2.5	29.8	± 2.5	32.5	± 2.5	
	MCHC g/dL	35.5	± 3.0	34.8	± 3.0	34.8	± 3.0	
	RDW-CV	15.6	± 3.0	13.6	± 3.0	13.6	± 3.0	
	RDW-SD	37.0	± 8.0	37.5	± 8.0	40.2	± 8.0	
	PLT × 10 ³ /μL	57	± 20	241	± 40	533	± 60	
	MPV fL	9.2	± 3.0	9.5	± 3.0	9.6	± 3.0	
	PCT % *	0.052	± 0.050	0.229	± 0.100	0.512	± 0.200	
	PDW *	15.0	± 3.0	15.0	± 3.0	15.1	± 3.0	
	Lymph %	56.9	± 12.0	31.1	± 9.0	13.1	± 8.0	
	Mid %	10.1	± 8.0	5.9	± 5.0	7.4	± 7.0	
	Gran %	33.0	± 10.0	63.0	± 10.0	79.5	± 10.0	
	Lymph × 10 ³ /μL	1.1	± 0.3	2.4	± 0.7	2.9	± 1.8	
	Mid × 10 ³ /μL	0.2	± 0.2	0.5	± 0.5	1.6	± 1.6	
	Gran × 10 ³ /μL	0.7	± 0.3	4.9	± 0.8	17.3	± 2.2	

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ASSAY VALUES AND EXPECTED RANGES

Instrument	Parameter	Low		Normal		High		+++
		LOT	B1125L	LOT	B1125N	LOT	B1125H	
BC-20s, BC-21s	WBC × 10 ³ /μL	2.1	± 0.5	7.9	± 1.0	22.3	± 2.5	
BC-30, BC-30s, BC-30e,	RBC × 10 ⁶ /μL	2.30	± 0.18	4.60	± 0.24	5.73	± 0.30	
BC-31, BC-31s	HGB g/dL	6.2	± 0.4	14.0	± 0.6	19.0	± 0.8	
	HCT %	18.1	± 1.5	40.3	± 2.0	54.3	± 2.4	
	MCV fL	78.8	± 5.0	87.6	± 5.0	94.8	± 5.0	
	MCH pg	27.0	± 2.5	30.4	± 2.5	33.2	± 2.5	
	MCHC g/dL	34.2	± 3.0	34.7	± 3.0	35.0	± 3.0	
	RDW-CV	16.8	± 3.0	15.4	± 3.0	14.7	± 3.0	
	RDW-SD	46.7	± 8.0	46.4	± 8.0	48.4	± 8.0	
	PLT × 10 ³ /μL	64	± 20	255	± 40	570	± 60	
	MPV fL	7.9	± 3.0	8.4	± 3.0	8.6	± 3.0	
	PCT % *	0.051	± 0.050	0.214	± 0.100	0.490	± 0.200	
	PDW *	15.9	± 3.0	16.2	± 3.0	16.6	± 3.0	
	P-LCC	11	± 10	47	± 22	118	± 30	
	P-LCR	17.5	± 9.0	18.3	± 9.0	20.7	± 9.0	
	Lymph %	60.5	± 12.0	32.0	± 8.0	11.9	± 8.0	
	Mid %	7.2	± 7.0	4.8	± 4.0	6.5	± 6.0	
	Gran %	32.3	± 12.0	63.2	± 8.0	81.6	± 9.0	
	Lymph × 10 ³ /μL	1.3	± 0.3	2.5	± 0.7	2.7	± 1.9	
	Mid × 10 ³ /μL	0.2	± 0.2	0.4	± 0.4	1.4	± 1.3	
	Gran × 10 ³ /μL	0.6	± 0.3	5.0	± 0.7	18.2	± 2.0	
BC-3600, BC-3300	WBC × 10 ³ /μL	2.0	± 0.5	7.9	± 1.0	21.8	± 2.5	
	RBC × 10 ⁶ /μL	2.39	± 0.18	4.79	± 0.24	5.92	± 0.30	
	HGB g/dL	6.2	± 0.4	13.8	± 0.6	18.9	± 0.8	
	HCT %	18.5	± 1.5	41.2	± 2.0	55.0	± 2.4	
	MCV fL	77.4	± 5.0	86.0	± 5.0	92.9	± 5.0	
	MCH pg	25.9	± 2.5	28.8	± 2.5	31.9	± 2.5	
	MCHC g/dL	33.5	± 3.0	33.5	± 3.0	34.4	± 3.0	
	RDW-CV	17.1	± 3.0	14.8	± 3.0	14.4	± 3.0	
	RDW-SD	39.3	± 8.0	43.5	± 8.0	46.5	± 8.0	
	PLT × 10 ³ /μL	64	± 20	248	± 40	523	± 60	
	MPV fL	8.1	± 3.0	8.5	± 3.0	8.6	± 3.0	
	PCT % *	0.052	± 0.050	0.211	± 0.100	0.450	± 0.200	
	PDW *	15.4	± 3.0	15.6	± 3.0	16.0	± 3.0	
	P-LCC	15	± 10	63	± 22	139	± 30	
	P-LCR	23.1	± 9.0	25.5	± 9.0	26.5	± 9.0	
	Lymph %	56.0	± 9.0	30.6	± 8.0	12.4	± 8.0	
	Mid %	11.8	± 11.8	6.1	± 6.1	5.7	± 5.7	
	Gran %	32.2	± 10.0	63.3	± 8.0	81.9	± 9.0	
	Lymph × 10 ³ /μL	1.1	± 0.2	2.4	± 0.7	2.7	± 1.8	
	Mid × 10 ³ /μL	0.2	± 0.2	0.5	± 0.5	1.2	± 1.2	
	Gran × 10 ³ /μL	0.7	± 0.3	5.0	± 0.7	17.9	± 2.0	

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ASSAY VALUES AND EXPECTED RANGES

Instrument	Parameter	Low		Normal		High		++++
		LOT	B1125L	LOT	B1125N	LOT	B1125H	
BC-10, BC-10e, BC-11	WBC × 10 ³ /μL	2.0	± 0.5	7.6	± 1.0	21.1	± 2.5	
	RBC × 10 ⁶ /μL	2.24	± 0.18	4.56	± 0.24	5.67	± 0.30	
BC-20, BC-21	HGB g/dL	6.2	± 0.4	13.9	± 0.6	18.8	± 0.8	
	HCT %	17.7	± 1.5	39.5	± 2.0	52.9	± 2.4	
	MCV fL	78.9	± 5.0	86.7	± 5.0	93.3	± 5.0	
	MCH pg	27.7	± 2.5	30.5	± 2.5	33.2	± 2.5	
	MCHC g/dL	35.1	± 3.0	35.2	± 3.0	35.5	± 3.0	
	RDW-CV	17.4	± 3.0	15.9	± 3.0	15.5	± 3.0	
	RDW-SD	45.3	± 8.0	44.5	± 8.0	47.0	± 8.0	
	PLT × 10 ³ /μL	57	± 20	235	± 40	505	± 60	
	MPV fL	8.5	± 3.0	8.8	± 3.0	8.9	± 3.0	
	PCT % *	0.048	± 0.048	0.207	± 0.100	0.449	± 0.200	
	PDW *	15.1	± 3.0	15.5	± 3.0	16.0	± 3.0	
	P-LCR	18.6	± 9.0	20.0	± 9.0	22.0	± 9.0	
	Lymph %	60.5	± 12.0	32.6	± 8.0	12.7	± 8.0	
	Mid %	7.4	± 7.0	4.6	± 4.0	5.9	± 5.0	
	Gran %	32.1	± 10.0	62.8	± 8.0	81.4	± 9.0	
	Lymph × 10 ³ /μL	1.2	± 0.3	2.5	± 0.7	2.7	± 1.7	
	Mid × 10 ³ /μL	0.1	± 0.1	0.3	± 0.3	1.2	± 1.1	
	Gran × 10 ³ /μL	0.7	± 0.3	4.8	± 0.7	17.2	± 1.9	
BC-2800Vet, BC-2600Vet (Software version 2.0 or higher)	WBC × 10 ³ /μL	2.0	± 0.5	7.9	± 1.0	21.9	± 2.5	
	RBC × 10 ⁶ /μL	2.31	± 0.18	4.66	± 0.24	5.81	± 0.30	
	HGB g/dL	6.1	± 0.4	13.9	± 0.6	19.0	± 0.8	
	HCT %	17.6	± 1.5	40.0	± 2.0	54.8	± 2.4	
	MCV fL	76.1	± 5.0	85.9	± 5.0	94.4	± 5.0	
	MCH pg	26.4	± 2.5	29.8	± 2.5	32.7	± 2.5	
	MCHC g/dL	34.7	± 3.0	34.7	± 3.0	34.6	± 3.0	
	PLT × 10 ³ /μL	61	± 20	242	± 40	510	± 60	

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