

HEMATOLOGY CONTROL

B55

FOR MINDRAY HEMATOLOGY ANALYZERS

LOT BC40119L-1



2019-05-20

ASSAY VALUES AND RANGES (Low Level)

Parameters	Units	BC-5500, BC-5200		BC-5300, BC-5100 BC-5380, BC-5180 BC-5300Vet, BC-5100Vet		BC-5800, BC-5600		BC-5390 CRP, BC-5180 CRP BC-5310 CRP, BC-5100 CRP		BC-5000, BC-5150, BC-5120, BC-5130, BC-5140, BC-5000Vet		BC-5390	
		Assay Values	Ranges	Assay Values	Ranges	Assay Values	Ranges	Assay Values	Ranges	Assay Values	Ranges	Assay Values	Ranges
WBC	×10 ⁹ /L	2.20	± 0.60	2.19	± 0.60	2.23	± 0.60	2.15	± 0.60	2.06	± 0.60	2.15	± 0.60
Neu#	×10 ⁹ /L	1.23	± 0.40	1.42	± 0.40	1.38	± 0.40	1.42	± 0.40	1.12	± 0.40	1.42	± 0.40
Lym#	×10 ⁹ /L	0.60	± 0.40	0.56	± 0.40	0.50	± 0.40	0.49	± 0.40	0.50	± 0.40	0.49	± 0.40
Mon#	×10 ⁹ /L	0.15	± 0.15	0.08	± 0.20	0.14	± 0.14	0.14	± 0.20	0.26	± 0.20	0.14	± 0.20
Eos#	×10 ⁹ /L	0.12	± 0.12	0.13	± 0.30	0.11	± 0.11	0.10	± 0.30	0.08	± 0.08	0.10	± 0.30
Bas#*	×10 ⁹ /L	0.10	± 0.10	1.22	± 0.50	0.10	± 0.10	0.57	± 0.50	0.10	± 0.10	0.57	± 0.50
Neu%	%	59.3	± 10.0	65.2	± 10.0	65.3	± 10.0	65.9	± 10.0	58.6	± 10.0	65.9	± 10.0
Lym%	%	27.1	± 10.0	25.5	± 10.0	22.6	± 10.0	23.0	± 10.0	24.1	± 10.0	23.0	± 10.0
Mon%	%	6.9	± 4.0	3.5	± 4.0	6.3	± 4.0	6.3	± 4.0	12.4	± 4.0	6.3	± 4.0
Eos%	%	5.6	± 5.6	5.8	± 6.0	4.8	± 4.8	4.8	± 6.0	3.9	± 3.9	4.8	± 6.0
Bas%*	%	1.1	± 1.1	55.7	± 6.0	1.0	± 1.0	26.3	± 6.0	1.0	± 1.0	26.3	± 6.0
RBC	×10 ¹² /L	2.30	± 0.25	2.19	± 0.25	2.29	± 0.25	2.20	± 0.25	2.24	± 0.25	2.20	± 0.25
HGB	g/L	68	± 4	67	± 4	68	± 4	67	± 4	66	± 4	67	± 4
HCT	%	19.4	± 3.5	19.9	± 3.5	20.3	± 3.5	19.2	± 3.5	20.7	± 3.5	19.2	± 3.5
MCV	fL	84.4	± 5.0	90.9	± 5.0	88.8	± 5.0	87.2	± 5.0	92.2	± 5.0	87.2	± 5.0
MCH	pg	29.6	± 3.0	30.6	± 3.0	29.7	± 3.0	30.5	± 3.0	29.5	± 3.0	30.5	± 3.0
MCHC	g/L	350	± 30	337	± 30	334	± 30	349	± 30	320	± 30	349	± 30
RDW-CV	%	10.7	± 4.0	12.7	± 4.0	12.5	± 4.0	12.8	± 4.0	15.0	± 4.0	12.8	± 4.0
RDW-SD	fL	27.3	± 7.0	48.7	± 7.0	42.5	± 7.0	40.6	± 7.0	50.8	± 7.0	40.6	± 7.0
PLT	×10 ⁹ /L	68	± 20	63	± 20	67	± 20	64	± 20	65	± 20	64	± 20
MPV	fL	8.9	± 4.0	9.0	± 4.0	8.4	± 4.0	9.3	± 4.0	10.2	± 4.0	11.6	± 4.0
PDW	/	13.7	± 4.0	13.7	± 4.0	13.7	± 4.0	13.7	± 4.0	13.6	± 4.0	13.7	± 4.0
PCT	%	0.061	± 0.061	0.057	± 0.080	0.056	± 0.056	0.060	± 0.080	0.066	± 0.066	0.060	± 0.080

*Bas# and Bas% are not applicable on BC-5300Vet and BC-5100Vet.

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FOR MINDRAY HEMATOLOGY ANALYZERS

LOT BC40119N-1



2019-05-20

ASSAY VALUES AND RANGES (Normal Level)

Parameters	Units	BC-5500, BC-5200		BC-5300, BC-5100 BC-5380, BC-5180 BC-5300Vet, BC-5100Vet		BC-5800, BC-5600		BC-5390 CRP, BC-5180 CRP BC-5310 CRP, BC-5100 CRP		BC-5000, BC-5150, BC-5120, BC-5130, BC-5140, BC-5000Vet		BC-5390	
		Assay Values	Ranges	Assay Values	Ranges	Assay Values	Ranges	Assay Values	Ranges	Assay Values	Ranges	Assay Values	Ranges
WBC	×10 ⁹ /L	8.44	± 1.00	8.25	± 1.00	8.47	± 1.00	8.10	± 1.00	7.63	± 1.00	8.10	± 1.00
Neu#	×10 ⁹ /L	5.24	± 0.80	5.51	± 0.80	5.69	± 0.80	5.39	± 0.80	4.82	± 0.80	5.39	± 0.80
Lym#	×10 ⁹ /L	2.08	± 0.70	1.86	± 0.70	1.79	± 0.70	1.73	± 0.70	1.70	± 0.70	1.73	± 0.70
Mon#	×10 ⁹ /L	0.52	± 0.40	0.50	± 0.40	0.53	± 0.40	0.62	± 0.40	0.83	± 0.40	0.62	± 0.40
Eos#	×10 ⁹ /L	0.50	± 0.50	0.38	± 0.60	0.36	± 0.36	0.36	± 0.60	0.18	± 0.18	0.36	± 0.60
Bas#*	×10 ⁹ /L	0.10	± 0.10	5.60	± 1.50	0.10	± 0.10	2.26	± 1.50	0.10	± 0.10	2.26	± 1.50
Neu%	%	62.1	± 9.0	66.8	± 9.0	67.5	± 9.0	66.6	± 9.0	63.4	± 9.0	66.6	± 9.0
Lym%	%	24.7	± 8.0	22.6	± 8.0	21.1	± 8.0	21.4	± 8.0	22.3	± 8.0	21.4	± 8.0
Mon%	%	6.2	± 4.0	6.0	± 4.0	6.2	± 4.0	7.6	± 4.0	10.9	± 4.0	7.6	± 4.0
Eos%	%	5.9	± 5.9	4.6	± 6.0	4.2	± 4.2	4.4	± 6.0	2.4	± 2.4	4.4	± 6.0
Bas%*	%	1.1	± 1.1	67.9	± 6.0	1.0	± 1.0	27.9	± 6.0	1.0	± 1.0	27.9	± 6.0
RBC	×10 ¹² /L	4.29	± 0.30	4.11	± 0.30	4.32	± 0.30	4.15	± 0.30	4.26	± 0.30	4.15	± 0.30
HGB	g/L	128	± 5	128	± 5	128	± 5	127	± 5	126	± 5	127	± 5
HCT	%	37.1	± 4.5	38.2	± 4.5	39.1	± 4.5	37.2	± 4.5	40.0	± 4.5	37.2	± 4.5
MCV	fL	86.4	± 5.0	93.0	± 5.0	90.6	± 5.0	89.6	± 5.0	93.8	± 5.0	89.6	± 5.0
MCH	pg	29.8	± 3.0	31.1	± 3.0	29.6	± 3.0	30.6	± 3.0	29.6	± 3.0	30.6	± 3.0
MCHC	g/L	345	± 40	335	± 40	327	± 40	342	± 40	315	± 40	342	± 40
RDW-CV	%	10.5	± 4.0	12.4	± 4.0	12.1	± 4.0	12.5	± 4.0	14.6	± 4.0	12.5	± 4.0
RDW-SD	fL	29.1	± 7.0	48.5	± 7.0	42.3	± 7.0	40.5	± 7.0	50.4	± 7.0	40.5	± 7.0
PLT	×10 ⁹ /L	235	± 30	223	± 30	238	± 30	230	± 30	230	± 30	230	± 30
MPV	fL	8.3	± 4.0	8.0	± 4.0	7.9	± 4.0	8.3	± 4.0	9.1	± 4.0	10.4	± 4.0
PDW	/	13.9	± 4.0	13.9	± 4.0	13.6	± 4.0	14.0	± 4.0	13.9	± 4.0	14.0	± 4.0
PCT	%	0.195	± 0.100	0.178	± 0.100	0.188	± 0.100	0.191	± 0.100	0.209	± 0.100	0.191	± 0.100

*Bas# and Bas% are not applicable on BC-5300Vet and BC-5100Vet.

HEMATOLOGY CONTROL

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FOR MINDRAY HEMATOLOGY ANALYZERS

LOT BC40119H-1



2019-05-20

ASSAY VALUES AND RANGES (High Level)

Parameters	Units	BC-5500, BC-5200		BC-5300, BC-5100 BC-5380, BC-5180 BC-5300Vet, BC-5100Vet		BC-5800, BC-5600		BC-5390 CRP, BC-5180 CRP BC-5310 CRP, BC-5100 CRP		BC-5000, BC-5150, BC-5120, BC-5130, BC-5140, BC-5000Vet		BC-5390	
		Assay Values	Ranges	Assay Values	Ranges	Assay Values	Ranges	Assay Values	Ranges	Assay Values	Ranges	Assay Values	Ranges
WBC	×10 ⁹ /L	19.89	± 2.00	19.34	± 2.00	20.45	± 2.00	19.33	± 2.00	18.78	± 2.00	19.33	± 2.00
Neu#	×10 ⁹ /L	12.05	± 1.50	12.82	± 1.50	13.30	± 1.50	12.60	± 1.50	11.32	± 1.50	12.60	± 1.50
Lym#	×10 ⁹ /L	5.37	± 1.00	4.62	± 1.00	4.64	± 1.00	4.62	± 1.00	4.43	± 1.00	4.62	± 1.00
Mon#	×10 ⁹ /L	1.37	± 0.60	0.89	± 0.60	1.35	± 0.60	1.22	± 0.60	2.07	± 0.60	1.22	± 0.60
Eos#	×10 ⁹ /L	0.90	± 0.90	1.01	± 1.00	0.94	± 0.94	0.89	± 1.00	0.77	± 0.77	0.89	± 1.00
Bas#*	×10 ⁹ /L	0.20	± 0.20	13.23	± 3.00	0.22	± 0.22	5.28	± 3.00	0.19	± 0.19	5.28	± 3.00
Neu%	%	60.6	± 8.0	66.3	± 8.0	65.0	± 8.0	65.2	± 8.0	60.3	± 8.0	65.2	± 8.0
Lym%	%	27.0	± 7.0	23.9	± 7.0	22.7	± 7.0	23.9	± 7.0	23.6	± 7.0	23.9	± 7.0
Mon%	%	6.9	± 4.0	4.6	± 4.0	6.6	± 4.0	6.3	± 4.0	11.0	± 4.0	6.3	± 4.0
Eos%	%	4.5	± 4.5	5.2	± 6.0	4.6	± 4.6	4.6	± 6.0	4.1	± 4.1	4.6	± 6.0
Bas%*	%	1.0	± 1.0	68.4	± 6.0	1.1	± 1.1	27.3	± 6.0	1.0	± 1.0	27.3	± 6.0
RBC	×10 ¹² /L	5.40	± 0.40	5.27	± 0.40	5.51	± 0.40	5.30	± 0.40	5.44	± 0.40	5.30	± 0.40
HGB	g/L	172	± 6	171	± 6	170	± 6	170	± 6	168	± 6	170	± 6
HCT	%	49.1	± 5.0	51.7	± 5.0	52.6	± 5.0	50.0	± 5.0	53.2	± 5.0	50.0	± 5.0
MCV	fL	91.0	± 5.0	98.1	± 5.0	95.4	± 5.0	94.3	± 5.0	97.8	± 5.0	94.3	± 5.0
MCH	pg	31.9	± 4.0	32.4	± 4.0	30.9	± 4.0	32.1	± 4.0	30.9	± 4.0	32.1	± 4.0
MCHC	g/L	350	± 50	331	± 50	323	± 50	340	± 50	316	± 50	340	± 50
RDW-CV	%	10.8	± 4.0	12.7	± 4.0	12.4	± 4.0	12.9	± 4.0	15.0	± 4.0	12.9	± 4.0
RDW-SD	fL	33.0	± 8.0	52.3	± 8.0	45.9	± 8.0	44.0	± 8.0	54.3	± 8.0	44.0	± 8.0
PLT	×10 ⁹ /L	555	± 50	542	± 50	573	± 50	564	± 50	564	± 50	564	± 50
MPV	fL	8.3	± 4.0	7.9	± 4.0	8.0	± 4.0	8.1	± 4.0	8.9	± 4.0	10.1	± 4.0
PDW	/	13.6	± 4.0	13.8	± 4.0	13.4	± 4.0	13.9	± 4.0	13.9	± 4.0	13.9	± 4.0
PCT	%	0.461	± 0.200	0.428	± 0.200	0.458	± 0.200	0.457	± 0.200	0.502	± 0.200	0.457	± 0.200

*Bas# and Bas% are not applicable on BC-5300Vet and BC-5100Vet.