

HEMATOLOGY CONTROL

B55

FOR MINDRAY HEMATOLOGY ANALYZERS

LOT BC41118L-1



2019-03-18

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	2.35	± 0.60	2.23	± 0.60	2.30	± 0.60	2.17	± 0.60	2.13	± 0.60	2.17	± 0.60
Neu#	×10 ⁹ /L	1.29	± 0.40	1.41	± 0.40	1.41	± 0.40	1.39	± 0.40	1.17	± 0.40	1.39	± 0.40
Lym#	×10 ⁹ /L	0.67	± 0.40	0.60	± 0.40	0.55	± 0.40	0.53	± 0.40	0.55	± 0.40	0.53	± 0.40
Mon#	×10 ⁹ /L	0.14	± 0.14	0.08	± 0.20	0.13	± 0.13	0.14	± 0.20	0.22	± 0.20	0.14	± 0.20
Eos#	×10 ⁹ /L	0.15	± 0.15	0.14	± 0.30	0.11	± 0.11	0.11	± 0.30	0.09	± 0.09	0.11	± 0.30
Bas#*	×10 ⁹ /L	0.10	± 0.10	1.22	± 0.50	0.10	± 0.10	0.56	± 0.50	0.10	± 0.10	0.56	± 0.50
Neu%	%	58.0	± 10.0	62.9	± 10.0	64.6	± 10.0	63.7	± 10.0	58.7	± 10.0	63.7	± 10.0
Lym%	%	28.6	± 10.0	27.0	± 10.0	23.8	± 10.0	24.6	± 10.0	25.9	± 10.0	24.6	± 10.0
Mon%	%	6.0	± 4.0	3.7	± 4.0	5.8	± 4.0	6.6	± 4.0	10.2	± 4.0	6.6	± 4.0
Eos%	%	6.4	± 6.0	6.4	± 6.0	4.8	± 4.8	5.1	± 6.0	4.2	± 4.2	5.1	± 6.0
Bas%*	%	1.0	± 1.0	54.7	± 6.0	1.0	± 1.0	25.9	± 6.0	1.0	± 1.0	25.9	± 6.0
RBC	×10 ¹² /L	2.25	± 0.25	2.13	± 0.25	2.21	± 0.25	2.14	± 0.25	2.19	± 0.25	2.14	± 0.25
HGB	g/L	68	± 4	66	± 4	67	± 4	66	± 4	65	± 4	66	± 4
HCT	%	19.2	± 3.5	19.7	± 3.5	20.0	± 3.5	18.9	± 3.5	20.5	± 3.5	18.9	± 3.5
MCV	fL	85.5	± 5.0	92.6	± 5.0	90.7	± 5.0	88.5	± 5.0	93.5	± 5.0	88.5	± 5.0
MCH	pg	30.2	± 3.0	31.0	± 3.0	30.3	± 3.0	30.8	± 3.0	29.7	± 3.0	30.8	± 3.0
MCHC	g/L	353	± 30	335	± 30	334	± 30	348	± 30	317	± 30	348	± 30
RDW-CV	%	10.8	± 4.0	12.9	± 4.0	12.7	± 4.0	12.9	± 4.0	15.3	± 4.0	12.9	± 4.0
RDW-SD	fL	28.1	± 7.0	50.3	± 7.0	44.1	± 7.0	41.9	± 7.0	52.5	± 7.0	41.9	± 7.0
PLT	×10 ⁹ /L	65	± 20	59	± 20	65	± 20	61	± 20	65	± 20	61	± 20
MPV	fL	7.7	± 4.0	7.8	± 4.0	7.3	± 4.0	8.1	± 4.0	9.0	± 4.0	10.1	± 4.0
PDW	/	14.0	± 4.0	14.1	± 4.0	14.0	± 4.0	13.9	± 4.0	13.9	± 4.0	13.9	± 4.0
PCT	%	0.050	± 0.050	0.046	± 0.080	0.047	± 0.047	0.049	± 0.080	0.059	± 0.059	0.049	± 0.080

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

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FOR MINDRAY HEMATOLOGY ANALYZERS

LOT BC41118N-1



2019-03-18

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	9.01	± 1.00	8.60	± 1.00	8.95	± 1.00	8.46	± 1.00	7.94	± 1.00	8.46	± 1.00
Neu#	×10 ⁹ /L	5.58	± 0.80	5.70	± 0.80	5.96	± 0.80	5.68	± 0.80	4.93	± 0.80	5.68	± 0.80
Lym#	×10 ⁹ /L	2.44	± 0.70	2.17	± 0.70	2.10	± 0.70	2.00	± 0.70	1.89	± 0.70	2.00	± 0.70
Mon#	×10 ⁹ /L	0.48	± 0.40	0.23	± 0.40	0.41	± 0.40	0.40	± 0.40	0.70	± 0.40	0.40	± 0.40
Eos#	×10 ⁹ /L	0.41	± 0.41	0.50	± 0.60	0.38	± 0.38	0.38	± 0.60	0.32	± 0.32	0.38	± 0.60
Bas#*	×10 ⁹ /L	0.10	± 0.10	5.43	± 1.50	0.10	± 0.10	2.23	± 1.50	0.10	± 0.10	2.23	± 1.50
Neu%	%	62.0	± 9.0	66.3	± 9.0	66.7	± 9.0	67.2	± 9.0	62.4	± 9.0	67.2	± 9.0
Lym%	%	27.1	± 8.0	25.2	± 8.0	23.5	± 8.0	23.6	± 8.0	23.8	± 8.0	23.6	± 8.0
Mon%	%	5.3	± 4.0	2.7	± 4.0	4.6	± 4.0	4.7	± 4.0	8.8	± 4.0	4.7	± 4.0
Eos%	%	4.6	± 4.6	5.8	± 6.0	4.2	± 4.2	4.5	± 6.0	4.0	± 4.0	4.5	± 6.0
Bas%*	%	1.0	± 1.0	63.1	± 6.0	1.0	± 1.0	26.4	± 6.0	1.0	± 1.0	26.4	± 6.0
RBC	×10 ¹² /L	4.41	± 0.30	4.27	± 0.30	4.38	± 0.30	4.24	± 0.30	4.39	± 0.30	4.24	± 0.30
HGB	g/L	132	± 5	131	± 5	131	± 5	130	± 5	130	± 5	130	± 5
HCT	%	38.2	± 4.5	40.1	± 4.5	40.1	± 4.5	38.1	± 4.5	41.3	± 4.5	38.1	± 4.5
MCV	fL	86.6	± 5.0	93.8	± 5.0	91.5	± 5.0	89.9	± 5.0	94.1	± 5.0	89.9	± 5.0
MCH	pg	29.9	± 3.0	30.7	± 3.0	29.9	± 3.0	30.7	± 3.0	29.6	± 3.0	30.7	± 3.0
MCHC	g/L	346	± 40	327	± 40	327	± 40	341	± 40	315	± 40	341	± 40
RDW-CV	%	11.0	± 4.0	13.1	± 4.0	12.9	± 4.0	13.4	± 4.0	15.7	± 4.0	13.4	± 4.0
RDW-SD	fL	30.4	± 7.0	51.6	± 7.0	45.7	± 7.0	43.8	± 7.0	54.3	± 7.0	43.8	± 7.0
PLT	×10 ⁹ /L	226	± 30	216	± 30	229	± 30	221	± 30	227	± 30	221	± 30
MPV	fL	8.3	± 4.0	8.1	± 4.0	7.9	± 4.0	8.3	± 4.0	9.2	± 4.0	10.4	± 4.0
PDW	/	13.9	± 4.0	14.0	± 4.0	13.7	± 4.0	14.1	± 4.0	14.0	± 4.0	14.1	± 4.0
PCT	%	0.188	± 0.100	0.175	± 0.100	0.181	± 0.100	0.183	± 0.100	0.209	± 0.100	0.183	± 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 BC41118H-1



2019-03-18

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	20.54	± 2.00	18.52	± 2.00	20.66	± 2.00	18.78	± 2.00	18.75	± 2.00	18.78	± 2.00
Neu#	×10 ⁹ /L	12.15	± 1.50	11.75	± 1.50	13.32	± 1.50	12.17	± 1.50	11.15	± 1.50	12.17	± 1.50
Lym#	×10 ⁹ /L	5.79	± 1.00	4.72	± 1.00	4.88	± 1.00	4.45	± 1.00	4.65	± 1.00	4.45	± 1.00
Mon#	×10 ⁹ /L	1.36	± 0.60	0.94	± 0.60	1.22	± 0.60	1.24	± 0.60	1.93	± 0.60	1.24	± 0.60
Eos#	×10 ⁹ /L	1.03	± 1.00	1.11	± 1.00	1.03	± 1.00	0.92	± 1.00	0.83	± 0.83	0.92	± 1.00
Bas#*	×10 ⁹ /L	0.21	± 0.21	12.59	± 3.00	0.21	± 0.21	5.11	± 3.00	0.19	± 0.19	5.11	± 3.00
Neu%	%	59.2	± 8.0	63.4	± 8.0	64.5	± 8.0	64.8	± 8.0	59.5	± 8.0	64.8	± 8.0
Lym%	%	28.2	± 7.0	25.5	± 7.0	23.6	± 7.0	23.7	± 7.0	24.8	± 7.0	23.7	± 7.0
Mon%	%	6.6	± 4.0	5.1	± 4.0	5.9	± 4.0	6.6	± 4.0	10.3	± 4.0	6.6	± 4.0
Eos%	%	5.0	± 5.0	6.0	± 6.0	5.0	± 5.0	4.9	± 6.0	4.4	± 4.4	4.9	± 6.0
Bas%*	%	1.0	± 1.0	68.0	± 6.0	1.0	± 1.0	27.2	± 6.0	1.0	± 1.0	27.2	± 6.0
RBC	×10 ¹² /L	5.39	± 0.40	5.24	± 0.40	5.47	± 0.40	5.28	± 0.40	5.46	± 0.40	5.28	± 0.40
HGB	g/L	169	± 6	168	± 6	167	± 6	167	± 6	167	± 6	167	± 6
HCT	%	48.5	± 5.0	51.0	± 5.0	52.0	± 5.0	49.3	± 5.0	52.9	± 5.0	49.3	± 5.0
MCV	fL	89.9	± 5.0	97.4	± 5.0	95.1	± 5.0	93.4	± 5.0	96.9	± 5.0	93.4	± 5.0
MCH	pg	31.4	± 4.0	32.1	± 4.0	30.5	± 4.0	31.6	± 4.0	30.6	± 4.0	31.6	± 4.0
MCHC	g/L	349	± 50	329	± 50	321	± 50	339	± 50	316	± 50	339	± 50
RDW-CV	%	11.0	± 4.0	13.2	± 4.0	12.9	± 4.0	13.4	± 4.0	15.5	± 4.0	13.4	± 4.0
RDW-SD	fL	33.4	± 8.0	53.6	± 8.0	47.3	± 8.0	45.4	± 8.0	55.6	± 8.0	45.4	± 8.0
PLT	×10 ⁹ /L	548	± 50	532	± 50	565	± 50	566	± 50	568	± 50	566	± 50
MPV	fL	9.9	± 4.0	9.5	± 4.0	9.5	± 4.0	9.7	± 4.0	10.7	± 4.0	12.1	± 4.0
PDW	/	13.7	± 4.0	13.8	± 4.0	13.5	± 4.0	13.9	± 4.0	13.9	± 4.0	13.9	± 4.0
PCT	%	0.543	± 0.200	0.505	± 0.200	0.537	± 0.200	0.549	± 0.200	0.608	± 0.200	0.549	± 0.200

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