

B30 CONTROL

FOR MINDRAY HEMATOLOGY ANALYZERS

LOT BC20319L-2



2019-08-19

ASSAY VALUES AND EXPECTED RANGES(Low level)

Parameters	Units	BC-3600,BC-3300			BC-3200,BC-3000CT			BC-2900, BC-1800,BC-3000Plus			BC-2800,BC-2600, BC-2800Vet,BC-2600Vet			BC-2300,BC-2100			BC-20s,BC-21s, BC-30s,BC-31s, BC-30,BC-31,BC-30e			BC-20,BC-21, BC-10,BC-11,BC-10e		
		Assay Values	Ranges		Assay Values	Ranges		Assay Values	Ranges		Assay Values	Ranges		Assay Values	Ranges		Assay Values	Ranges		Assay Values	Ranges	
WBC	×10 ⁹ /L	2.5	±	0.6	2.6	±	0.6	2.6	±	0.6	2.5	±	0.6	2.5	±	0.6	2.6	±	0.6	2.6	±	0.6
RBC	×10 ¹² /L	2.67	±	0.25	2.73	±	0.25	2.73	±	0.25	2.60	±	0.25	2.50	±	0.25	2.55	±	0.25	2.56	±	0.25
HGB	g/L	82	±	4	82	±	4	82	±	4	81	±	4	81	±	4	82	±	4	83	±	4
HCT	%	23.5	±	3.5	23.9	±	3.5	23.9	±	3.5	22.8	±	3.5	21.7	±	3.5	22.8	±	3.5	23.1	±	3.5
MCV	fL	88.1	±	5.0	87.4	±	5.0	87.6	±	5.0	87.8	±	5.0	86.9	±	5.0	89.4	±	5.0	90.3	±	5.0
MCH	pg	30.7	±	3.0	30.0	±	3.0	30.0	±	3.0	31.2	±	3.0	32.4	±	3.0	32.2	±	3.0	32.4	±	3.0
MCHC	g/L	349	±	30	344	±	30	343	±	30	355	±	30	373	±	30	360	±	30	359	±	30
PLT	×10 ⁹ /L	76	±	20	74	±	20	75	±	20	72	±	20	68	±	20	64	±	20	69	±	20
Lymph#	×10 ⁹ /L	1.4	±	0.3	1.4	±	0.3	1.4	±	0.3	1.4	±	0.3	1.4	±	0.3	1.4	±	0.3	1.5	±	0.3
Mid#	×10 ⁹ /L	0.2	±	0.2	0.2	±	0.2	0.2	±	0.2	0.2	±	0.2	0.2	±	0.2	0.3	±	0.3	0.2	±	0.2
Gran#	×10 ⁹ /L	0.9	±	0.3	1.0	±	0.3	1.0	±	0.3	0.9	±	0.3	0.9	±	0.3	0.9	±	0.3	0.9	±	0.3
Lymph%	%	55.0	±	10.0	53.5	±	10.0	52.9	±	10.0	55.2	±	10.0	54.7	±	10.0	54.2	±	10.0	57.8	±	10.0
Mid%	%	7.5	±	7.5	7.4	±	7.4	7.2	±	7.2	6.1	±	6.1	6.9	±	6.9	9.7	±	9.7	7.6	±	7.6
Gran%	%	37.5	±	10.0	39.1	±	10.0	39.9	±	10.0	38.7	±	10.0	38.4	±	10.0	36.1	±	10.0	34.6	±	10.0

* Lymph#, Mid#, Gran#, Lymph%, Mid%, Gran% are not applicable on BC-2800Vet, BC-2600Vet.

B30 CONTROL

FOR MINDRAY HEMATOLOGY ANALYZERS

LOT BC20319N-2



2019-08-19

ASSAY VALUES AND EXPECTED RANGES(Normal level)

Parameters	Units	BC-3600,BC-3300			BC-3200,BC-3000CT			BC-2900, BC-1800,BC-3000Plus			BC-2800,BC-2600, BC-2800Vet,BC-2600Vet			BC-2300,BC-2100			BC-20s,BC-21s, BC-30s,BC-31s, BC-30,BC-31,BC-30e			BC-20,BC-21, BC-10,BC-11,BC-10e		
		Assay Values	Ranges		Assay Values	Ranges		Assay Values	Ranges		Assay Values	Ranges		Assay Values	Ranges		Assay Values	Ranges		Assay Values	Ranges	
WBC	×10 ⁹ /L	9.0	±	1.0	8.7	±	1.0	8.7	±	1.0	9.1	±	1.0	9.0	±	1.0	8.7	±	1.0	8.9	±	1.0
RBC	×10 ¹² /L	4.31	±	0.30	4.39	±	0.30	4.38	±	0.30	4.28	±	0.30	4.11	±	0.30	4.17	±	0.30	4.22	±	0.30
HGB	g/L	134	±	5	134	±	5	136	±	5	135	±	5	133	±	5	135	±	5	134	±	5
HCT	%	38.1	±	4.5	38.9	±	4.5	38.9	±	4.5	38.3	±	4.5	36.2	±	4.5	37.2	±	4.5	37.9	±	4.5
MCV	fL	88.3	±	5.0	88.5	±	5.0	88.7	±	5.0	89.6	±	5.0	88.0	±	5.0	89.1	±	5.0	89.7	±	5.0
MCH	pg	31.1	±	3.0	30.5	±	3.0	31.1	±	3.0	31.5	±	3.0	32.4	±	3.0	32.4	±	3.0	31.8	±	3.0
MCHC	g/L	352	±	40	345	±	40	350	±	40	352	±	40	368	±	40	363	±	40	354	±	40
PLT	×10 ⁹ /L	277	±	30	257	±	30	261	±	30	277	±	30	284	±	30	264	±	30	280	±	30
Lymph#	×10 ⁹ /L	3.7	±	0.5	3.4	±	0.5	3.3	±	0.5	3.8	±	0.5	3.7	±	0.5	3.4	±	0.5	3.9	±	0.5
Mid#	×10 ⁹ /L	0.8	±	0.5	0.8	±	0.5	0.8	±	0.5	0.7	±	0.5	0.7	±	0.5	1.0	±	0.5	0.8	±	0.5
Gran#	×10 ⁹ /L	4.5	±	0.5	4.5	±	0.5	4.6	±	0.5	4.6	±	0.5	4.6	±	0.5	4.3	±	0.5	4.2	±	0.5
Lymph%	%	41.1	±	7.0	38.9	±	7.0	37.9	±	7.0	41.8	±	7.0	41.6	±	7.0	38.8	±	7.0	43.7	±	7.0
Mid%	%	8.8	±	8.8	8.7	±	8.7	8.7	±	8.7	7.3	±	7.3	7.7	±	7.7	11.7	±	10.0	8.7	±	8.7
Gran%	%	50.1	±	7.0	52.4	±	7.0	53.4	±	7.0	50.9	±	7.0	50.7	±	7.0	49.5	±	7.0	47.6	±	7.0

* Lymph#, Mid#, Gran#, Lymph%, Mid%, Gran% are not applicable on BC-2800Vet, BC-2600Vet.

B30 CONTROL

FOR MINDRAY HEMATOLOGY ANALYZERS

LOT BC20319H-2



2019-08-19

ASSAY VALUES AND EXPECTED RANGES(High level)

Parameters	Units	BC-3600,BC-3300			BC-3200,BC-3000CT			BC-2900, BC-1800,BC-3000Plus			BC-2800,BC-2600, BC-2800Vet,BC-2600Vet			BC-2300,BC-2100			BC-20s,BC-21s, BC-30s,BC-31s, BC-30,BC-31,BC-30e			BC-20,BC-21, BC-10,BC-11,BC-10e		
		Assay Values	Ranges		Assay Values	Ranges		Assay Values	Ranges		Assay Values	Ranges		Assay Values	Ranges		Assay Values	Ranges		Assay Values	Ranges	
WBC	×10 ⁹ /L	18.9	±	2.0	19.1	±	2.0	19.2	±	2.0	19.5	±	2.0	19.8	±	2.0	19.3	±	2.0	18.9	±	2.0
RBC	×10 ¹² /L	5.37	±	0.40	5.49	±	0.40	5.50	±	0.40	5.48	±	0.40	5.15	±	0.40	5.30	±	0.40	5.37	±	0.40
HGB	g/L	172	±	6	172	±	6	176	±	6	175	±	6	171	±	6	173	±	6	172	±	6
HCT	%	48.4	±	5.0	49.9	±	5.0	50.2	±	5.0	50.6	±	5.0	46.7	±	5.0	48.3	±	5.0	48.9	±	5.0
MCV	fL	90.2	±	5.0	90.9	±	5.0	91.3	±	5.0	92.4	±	5.0	90.6	±	5.0	91.1	±	5.0	91.0	±	5.0
MCH	pg	32.0	±	4.0	31.3	±	4.0	32.0	±	4.0	31.9	±	4.0	33.2	±	4.0	32.6	±	4.0	32.0	±	4.0
MCHC	g/L	355	±	50	345	±	50	350	±	50	346	±	50	366	±	50	358	±	50	352	±	50
PLT	×10 ⁹ /L	636	±	50	583	±	50	583	±	50	643	±	50	681	±	50	625	±	50	658	±	50
Lymph#	×10 ⁹ /L	3.0	±	1.0	2.9	±	1.0	2.9	±	1.0	3.1	±	1.0	3.1	±	1.0	2.8	±	1.0	3.3	±	1.0
Mid#	×10 ⁹ /L	1.6	±	0.7	1.4	±	0.7	1.4	±	0.7	1.3	±	0.7	1.6	±	0.7	2.1	±	0.7	1.8	±	0.7
Gran#	×10 ⁹ /L	14.3	±	1.0	14.8	±	1.0	14.9	±	1.0	15.1	±	1.0	15.1	±	1.0	14.4	±	1.0	13.8	±	1.0
Lymph%	%	16.0	±	7.0	15.2	±	7.0	14.9	±	7.0	15.9	±	7.0	15.9	±	7.0	14.6	±	7.0	17.3	±	7.0
Mid%	%	8.4	±	8.4	7.4	±	7.4	7.4	±	7.4	6.7	±	6.7	8.0	±	8.0	10.7	±	10.0	9.3	±	9.3
Gran%	%	75.6	±	7.0	77.4	±	7.0	77.7	±	7.0	77.4	±	7.0	76.1	±	7.0	74.7	±	7.0	73.4	±	7.0

* Lymph#, Mid#, Gran#, Lymph%, Mid%, Gran% are not applicable on BC-2800Vet, BC-2600Vet.