

B30 CONTROL

FOR MINDRAY HEMATOLOGY ANALYZERS

LOT BC20119L-1



2019-06-18

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	2.4	±	0.6	2.5	±	0.6	2.4	±	0.6	2.5	±	0.6	2.4	±	0.6	2.4	±	0.6	2.5	±	0.6
RBC	×10 ¹² /L	2.71	±	0.25	2.74	±	0.25	2.76	±	0.25	2.57	±	0.25	2.57	±	0.25	2.65	±	0.25	2.58	±	0.25
HGB	g/L	79	±	4	79	±	4	79	±	4	79	±	4	79	±	4	79	±	4	79	±	4
HCT	%	22.5	±	3.5	22.7	±	3.5	22.9	±	3.5	21.3	±	3.5	21.0	±	3.5	22.3	±	3.5	22.0	±	3.5
MCV	fL	83.0	±	5.0	82.7	±	5.0	82.8	±	5.0	82.8	±	5.0	81.7	±	5.0	84.3	±	5.0	85.2	±	5.0
MCH	pg	29.2	±	3.0	28.8	±	3.0	28.6	±	3.0	30.7	±	3.0	30.7	±	3.0	29.8	±	3.0	30.6	±	3.0
MCHC	g/L	351	±	30	349	±	30	346	±	30	371	±	30	376	±	30	354	±	30	359	±	30
PLT	×10 ⁹ /L	78	±	20	78	±	20	76	±	20	71	±	20	76	±	20	68	±	20	68	±	20
Lymph#	×10 ⁹ /L	1.3	±	0.3	1.3	±	0.3	1.2	±	0.3	1.4	±	0.3	1.3	±	0.3	1.3	±	0.3	1.4	±	0.3
Mid#	×10 ⁹ /L	0.2	±	0.2	0.3	±	0.3	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	0.9	±	0.3	1.0	±	0.3	0.9	±	0.3	0.9	±	0.3	0.8	±	0.3	0.9	±	0.3
Lymph%	%	54.8	±	10.0	51.5	±	10.0	51.7	±	10.0	55.1	±	10.0	53.3	±	10.0	53.4	±	10.0	57.2	±	10.0
Mid%	%	9.2	±	9.2	10.2	±	10.0	9.3	±	9.3	7.8	±	7.8	7.2	±	7.2	11.9	±	10.0	9.2	±	9.2
Gran%	%	36.0	±	10.0	38.3	±	10.0	39.0	±	10.0	37.1	±	10.0	39.5	±	10.0	34.7	±	10.0	33.6	±	10.0

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

B30 CONTROL

FOR MINDRAY HEMATOLOGY ANALYZERS

LOT BC20119N-1



2019-06-18

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	8.7	±	1.0	8.5	±	1.0	8.8	±	1.0	8.8	±	1.0	8.7	±	1.0	8.8	±	1.0	8.8	±	1.0
RBC	×10 ¹² /L	4.32	±	0.30	4.37	±	0.30	4.36	±	0.30	4.25	±	0.30	4.16	±	0.30	4.15	±	0.30	4.21	±	0.30
HGB	g/L	135	±	5	135	±	5	136	±	5	136	±	5	134	±	5	137	±	5	137	±	5
HCT	%	38.6	±	4.5	39.3	±	4.5	39.3	±	4.5	38.5	±	4.5	37.3	±	4.5	37.6	±	4.5	38.4	±	4.5
MCV	fL	89.4	±	5.0	90.0	±	5.0	90.1	±	5.0	90.7	±	5.0	89.6	±	5.0	90.5	±	5.0	91.1	±	5.0
MCH	pg	31.3	±	3.0	30.9	±	3.0	31.2	±	3.0	32.0	±	3.0	32.2	±	3.0	33.0	±	3.0	32.5	±	3.0
MCHC	g/L	350	±	40	343	±	40	346	±	40	353	±	40	360	±	40	365	±	40	357	±	40
PLT	×10 ⁹ /L	276	±	30	251	±	30	258	±	30	268	±	30	275	±	30	248	±	30	269	±	30
Lymph#	×10 ⁹ /L	3.3	±	0.5	3.0	±	0.5	3.1	±	0.5	3.3	±	0.5	3.3	±	0.5	3.3	±	0.5	3.7	±	0.5
Mid#	×10 ⁹ /L	0.8	±	0.5	0.9	±	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	4.6	±	0.5	4.6	±	0.5	4.9	±	0.5	4.8	±	0.5	4.7	±	0.5	4.5	±	0.5	4.3	±	0.5
Lymph%	%	37.6	±	7.0	35.6	±	7.0	35.4	±	7.0	37.4	±	7.0	37.8	±	7.0	37.6	±	7.0	41.7	±	7.0
Mid%	%	9.5	±	9.5	10.1	±	10.0	9.2	±	9.2	8.4	±	8.4	8.5	±	8.5	11.8	±	10.0	9.5	±	9.5
Gran%	%	52.9	±	7.0	54.3	±	7.0	55.4	±	7.0	54.2	±	7.0	53.7	±	7.0	50.6	±	7.0	48.8	±	7.0

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

B30 CONTROL

FOR MINDRAY HEMATOLOGY ANALYZERS

LOT BC20119H-1



2019-06-18

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	18.3	±	2.0	18.2	±	2.0	18.7	±	2.0	19.1	±	2.0	18.9	±	2.0	19.0	±	2.0	18.6	±	2.0
RBC	×10 ¹² /L	5.39	±	0.40	5.44	±	0.40	5.45	±	0.40	5.56	±	0.40	5.10	±	0.40	5.32	±	0.40	5.38	±	0.40
HGB	g/L	176	±	6	176	±	6	178	±	6	181	±	6	171	±	6	177	±	6	178	±	6
HCT	%	48.7	±	5.0	49.7	±	5.0	49.9	±	5.0	51.3	±	5.0	46.3	±	5.0	48.4	±	5.0	48.9	±	5.0
MCV	fL	90.4	±	5.0	91.3	±	5.0	91.6	±	5.0	92.3	±	5.0	90.8	±	5.0	90.9	±	5.0	90.9	±	5.0
MCH	pg	32.7	±	4.0	32.4	±	4.0	32.7	±	4.0	32.6	±	4.0	33.5	±	4.0	33.3	±	4.0	33.1	±	4.0
MCHC	g/L	361	±	50	354	±	50	357	±	50	353	±	50	369	±	50	366	±	50	364	±	50
PLT	×10 ⁹ /L	598	±	50	534	±	50	547	±	50	589	±	50	628	±	50	566	±	50	619	±	50
Lymph#	×10 ⁹ /L	2.8	±	1.0	2.8	±	1.0	2.7	±	1.0	2.9	±	1.0	2.9	±	1.0	2.7	±	1.0	3.1	±	1.0
Mid#	×10 ⁹ /L	1.8	±	0.7	1.6	±	0.7	1.6	±	0.7	1.5	±	0.7	1.7	±	0.7	2.3	±	0.7	2.0	±	0.7
Gran#	×10 ⁹ /L	13.7	±	1.0	13.8	±	1.0	14.4	±	1.0	14.7	±	1.0	14.3	±	1.0	14.0	±	1.0	13.5	±	1.0
Lymph%	%	15.4	±	7.0	15.2	±	7.0	14.4	±	7.0	15.2	±	7.0	15.3	±	7.0	14.4	±	7.0	16.9	±	7.0
Mid%	%	10.1	±	10.0	8.6	±	8.6	8.7	±	8.7	7.8	±	7.8	9.1	±	9.1	12.3	±	10.0	10.9	±	10.0
Gran%	%	74.5	±	7.0	76.2	±	7.0	76.9	±	7.0	77.0	±	7.0	75.6	±	7.0	73.3	±	7.0	72.2	±	7.0

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