

B30 CONTROL

FOR MINDRAY HEMATOLOGY ANALYZERS

LOT BC20719L-2

2019-12-17

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	2.5	±	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	2.56	±	0.25	2.64	±	0.25	2.62	±	0.25	2.48	±	0.25	2.46	±	0.25	2.44	±	0.25	2.46	±	0.25
HGB	g/L	79	±	4	78	±	4	79	±	4	79	±	4	79	±	4	81	±	4	80	±	4
HCT	%	22.6	±	3.5	23.1	±	3.5	23.0	±	3.5	21.7	±	3.5	21.3	±	3.5	21.9	±	3.5	22.5	±	3.5
MCV	fL	88.2	±	5.0	87.6	±	5.0	87.7	±	5.0	87.5	±	5.0	86.6	±	5.0	89.7	±	5.0	91.4	±	5.0
MCH	pg	30.9	±	3.0	29.5	±	3.0	30.2	±	3.0	31.9	±	3.0	32.1	±	3.0	33.2	±	3.0	32.5	±	3.0
MCHC	g/L	350	±	30	337	±	30	344	±	30	364	±	30	371	±	30	370	±	30	356	±	30
PLT	×10 ⁹ /L	81	±	20	81	±	20	87	±	20	77	±	20	79	±	20	73	±	20	78	±	20
Lymph#	×10 ⁹ /L	1.2	±	0.3	1.2	±	0.3	1.2	±	0.3	1.3	±	0.3	1.2	±	0.3	1.3	±	0.3	1.4	±	0.3
Mid#	×10 ⁹ /L	0.4	±	0.3	0.2	±	0.2	0.2	±	0.2	0.2	±	0.2	0.3	±	0.3	0.5	±	0.3	0.4	±	0.3
Gran#	×10 ⁹ /L	0.9	±	0.3	1.1	±	0.3	1.2	±	0.3	1.0	±	0.3	1.0	±	0.3	0.8	±	0.3	0.8	±	0.3
Lymph%	%	49.6	±	10.0	47.5	±	10.0	47.7	±	10.0	50.7	±	10.0	49.4	±	10.0	49.2	±	10.0	52.4	±	10.0
Mid%	%	14.6	±	10.0	8.4	±	8.4	9.3	±	9.3	9.0	±	9.0	10.7	±	10.0	18.1	±	10.0	14.4	±	10.0
Gran%	%	35.8	±	10.0	44.1	±	10.0	43.0	±	10.0	40.3	±	10.0	39.9	±	10.0	32.7	±	10.0	33.2	±	10.0

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

B30 CONTROL

FOR MINDRAY HEMATOLOGY ANALYZERS

LOT BC20719N-2



2019-12-17

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	9.1	±	1.0	9.0	±	1.0	9.1	±	1.0	9.2	±	1.0	9.3	±	1.0	9.2	±	1.0	9.1	±	1.0
RBC	×10 ¹² /L	4.28	±	0.30	4.43	±	0.30	4.39	±	0.30	4.27	±	0.30	4.19	±	0.30	4.14	±	0.30	4.21	±	0.30
HGB	g/L	132	±	5	134	±	5	135	±	5	134	±	5	133	±	5	136	±	5	134	±	5
HCT	%	37.7	±	4.5	39.2	±	4.5	38.9	±	4.5	37.8	±	4.5	36.6	±	4.5	36.9	±	4.5	38.0	±	4.5
MCV	fL	88.1	±	5.0	88.4	±	5.0	88.5	±	5.0	88.6	±	5.0	87.4	±	5.0	89.1	±	5.0	90.2	±	5.0
MCH	pg	30.8	±	3.0	30.2	±	3.0	30.8	±	3.0	31.4	±	3.0	31.7	±	3.0	32.9	±	3.0	31.8	±	3.0
MCHC	g/L	350	±	40	342	±	40	347	±	40	354	±	40	363	±	40	369	±	40	353	±	40
PLT	×10 ⁹ /L	250	±	30	242	±	30	245	±	30	251	±	30	255	±	30	244	±	30	264	±	30
Lymph#	×10 ⁹ /L	3.6	±	0.5	3.4	±	0.5	3.4	±	0.5	3.6	±	0.5	3.6	±	0.5	3.5	±	0.5	3.8	±	0.5
Mid#	×10 ⁹ /L	1.1	±	0.5	1.1	±	0.5	1.1	±	0.5	0.7	±	0.5	1.0	±	0.5	1.5	±	0.5	1.1	±	0.5
Gran#	×10 ⁹ /L	4.4	±	0.5	4.5	±	0.5	4.6	±	0.5	4.9	±	0.5	4.7	±	0.5	4.2	±	0.5	4.2	±	0.5
Lymph%	%	39.2	±	7.0	37.8	±	7.0	37.2	±	7.0	39.4	±	7.0	39.0	±	7.0	38.5	±	7.0	42.1	±	7.0
Mid%	%	12.3	±	10.0	11.8	±	10.0	11.7	±	10.0	8.1	±	8.1	10.9	±	10.0	15.8	±	10.0	12.2	±	10.0
Gran%	%	48.5	±	7.0	50.4	±	7.0	51.1	±	7.0	52.5	±	7.0	50.1	±	7.0	45.7	±	7.0	45.7	±	7.0

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

B30 CONTROL

FOR MINDRAY HEMATOLOGY ANALYZERS

LOT BC20719H-2



2019-12-17

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	19.5	±	2.0	18.8	±	2.0	19.4	±	2.0	19.7	±	2.0	19.8	±	2.0	20.1	±	2.0	19.5	±	2.0
RBC	×10 ¹² /L	5.43	±	0.40	5.50	±	0.40	5.52	±	0.40	5.53	±	0.40	5.23	±	0.40	5.25	±	0.40	5.34	±	0.40
HGB	g/L	174	±	6	176	±	6	179	±	6	178	±	6	171	±	6	177	±	6	173	±	6
HCT	%	48.3	±	5.0	49.3	±	5.0	49.6	±	5.0	50.0	±	5.0	46.4	±	5.0	47.1	±	5.0	48.3	±	5.0
MCV	fL	88.9	±	5.0	89.6	±	5.0	89.8	±	5.0	90.4	±	5.0	88.7	±	5.0	89.7	±	5.0	90.5	±	5.0
MCH	pg	32.0	±	4.0	32.0	±	4.0	32.4	±	4.0	32.2	±	4.0	32.7	±	4.0	33.7	±	4.0	32.4	±	4.0
MCHC	g/L	360	±	50	357	±	50	361	±	50	356	±	50	369	±	50	376	±	50	358	±	50
PLT	×10 ⁹ /L	606	±	50	557	±	50	562	±	50	622	±	50	644	±	50	597	±	50	647	±	50
Lymph#	×10 ⁹ /L	3.5	±	1.0	3.2	±	1.0	3.2	±	1.0	3.6	±	1.0	3.5	±	1.0	3.5	±	1.0	3.9	±	1.0
Mid#	×10 ⁹ /L	1.9	±	0.7	1.8	±	0.7	1.8	±	0.7	1.2	±	0.7	1.8	±	0.7	2.5	±	0.7	2.0	±	0.7
Gran#	×10 ⁹ /L	14.1	±	1.0	13.8	±	1.0	14.4	±	1.0	14.9	±	1.0	14.5	±	1.0	14.1	±	1.0	13.6	±	1.0
Lymph%	%	17.8	±	7.0	17.0	±	7.0	16.5	±	7.0	18.1	±	7.0	17.9	±	7.0	17.4	±	7.0	20.0	±	7.0
Mid%	%	9.8	±	9.8	9.5	±	9.5	9.2	±	9.2	6.2	±	6.2	9.1	±	9.1	12.2	±	10.0	10.4	±	10.0
Gran%	%	72.4	±	7.0	73.5	±	7.0	74.3	±	7.0	75.7	±	7.0	73.0	±	7.0	70.4	±	7.0	69.6	±	7.0

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