

# B30 CONTROL

FOR MINDRAY HEMATOLOGY ANALYZERS

LOT BC20519L-1



2019-10-18

## 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 <sup>9</sup> /L	2.5	±	0.6	2.5	±	0.6	2.6	±	0.6	2.5	±	0.6	2.5	±	0.6	2.5	±	0.6	2.6	±	0.6
RBC	×10 <sup>12</sup> /L	2.63	±	0.25	2.71	±	0.25	2.75	±	0.25	2.54	±	0.25	2.46	±	0.25	2.51	±	0.25	2.49	±	0.25
HGB	g/L	82	±	4	81	±	4	82	±	4	81	±	4	82	±	4	83	±	4	82	±	4
HCT	%	23.3	±	3.5	23.8	±	3.5	24.2	±	3.5	22.4	±	3.5	21.4	±	3.5	22.6	±	3.5	22.6	±	3.5
MCV	fL	88.5	±	5.0	87.9	±	5.0	88.0	±	5.0	88.0	±	5.0	86.9	±	5.0	89.9	±	5.0	90.7	±	5.0
MCH	pg	31.2	±	3.0	29.9	±	3.0	29.8	±	3.0	31.9	±	3.0	33.3	±	3.0	33.1	±	3.0	32.9	±	3.0
MCHC	g/L	352	±	30	340	±	30	339	±	30	362	±	30	384	±	30	368	±	30	363	±	30
PLT	×10 <sup>9</sup> /L	75	±	20	75	±	20	77	±	20	70	±	20	72	±	20	67	±	20	68	±	20
Lymph#	×10 <sup>9</sup> /L	1.2	±	0.3	1.1	±	0.3	1.2	±	0.3	1.2	±	0.3	1.2	±	0.3	1.2	±	0.3	1.3	±	0.3
Mid#	×10 <sup>9</sup> /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 <sup>9</sup> /L	1.1	±	0.3	1.2	±	0.3	1.2	±	0.3	1.1	±	0.3	1.1	±	0.3	1.0	±	0.3	1.1	±	0.3
Lymph%	%	46.6	±	10.0	45.2	±	10.0	45.2	±	10.0	47.5	±	10.0	46.6	±	10.0	47.7	±	10.0	49.9	±	10.0
Mid%	%	9.5	±	9.5	9.1	±	9.1	8.1	±	8.1	7.2	±	7.2	7.8	±	7.8	11.4	±	10.0	8.9	±	8.9
Gran%	%	43.9	±	10.0	45.7	±	10.0	46.7	±	10.0	45.3	±	10.0	45.6	±	10.0	40.9	±	10.0	41.2	±	10.0

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

# B30 CONTROL

FOR MINDRAY HEMATOLOGY ANALYZERS

LOT BC20519N-1



2019-10-18

## 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 <sup>9</sup> /L	9.0	±	1.0	8.7	±	1.0	8.9	±	1.0	9.0	±	1.0	9.1	±	1.0	9.1	±	1.0	9.1	±	1.0
RBC	×10 <sup>12</sup> /L	4.34	±	0.30	4.47	±	0.30	4.51	±	0.30	4.33	±	0.30	4.18	±	0.30	4.25	±	0.30	4.28	±	0.30
HGB	g/L	136	±	5	137	±	5	139	±	5	137	±	5	137	±	5	139	±	5	138	±	5
HCT	%	38.5	±	4.5	39.8	±	4.5	40.3	±	4.5	39.0	±	4.5	37.0	±	4.5	38.2	±	4.5	38.6	±	4.5
MCV	fL	88.8	±	5.0	89.1	±	5.0	89.4	±	5.0	90.0	±	5.0	88.4	±	5.0	89.8	±	5.0	90.3	±	5.0
MCH	pg	31.3	±	3.0	30.6	±	3.0	30.8	±	3.0	31.6	±	3.0	32.8	±	3.0	32.7	±	3.0	32.2	±	3.0
MCHC	g/L	353	±	40	344	±	40	345	±	40	352	±	40	371	±	40	364	±	40	357	±	40
PLT	×10 <sup>9</sup> /L	256	±	30	243	±	30	251	±	30	254	±	30	258	±	30	249	±	30	260	±	30
Lymph#	×10 <sup>9</sup> /L	3.3	±	0.5	3.1	±	0.5	3.1	±	0.5	3.3	±	0.5	3.3	±	0.5	3.3	±	0.5	3.6	±	0.5
Mid#	×10 <sup>9</sup> /L	0.9	±	0.5	0.9	±	0.5	0.9	±	0.5	0.6	±	0.5	0.7	±	0.5	1.2	±	0.5	0.9	±	0.5
Gran#	×10 <sup>9</sup> /L	4.8	±	0.5	4.7	±	0.5	4.9	±	0.5	5.1	±	0.5	5.1	±	0.5	4.6	±	0.5	4.6	±	0.5
Lymph%	%	36.6	±	7.0	35.2	±	7.0	34.5	±	7.0	36.8	±	7.0	36.3	±	7.0	36.0	±	7.0	39.3	±	7.0
Mid%	%	10.4	±	10.0	10.4	±	10.0	10.4	±	10.0	6.7	±	6.7	8.1	±	8.1	13.6	±	10.0	9.9	±	9.9
Gran%	%	53.0	±	7.0	54.4	±	7.0	55.1	±	7.0	56.5	±	7.0	55.6	±	7.0	50.4	±	7.0	50.8	±	7.0

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

# B30 CONTROL

FOR MINDRAY HEMATOLOGY ANALYZERS

LOT BC20519H-1



2019-10-18

## 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 <sup>9</sup> /L	20.1	±	2.0	19.4	±	2.0	19.9	±	2.0	20.4	±	2.0	20.6	±	2.0	20.5	±	2.0	20.2	±	2.0
RBC	×10 <sup>12</sup> /L	5.32	±	0.40	5.35	±	0.40	5.41	±	0.40	5.40	±	0.40	5.11	±	0.40	5.20	±	0.40	5.25	±	0.40
HGB	g/L	171	±	6	171	±	6	175	±	6	175	±	6	169	±	6	172	±	6	171	±	6
HCT	%	48.1	±	5.0	48.7	±	5.0	49.5	±	5.0	49.6	±	5.0	46.3	±	5.0	47.3	±	5.0	47.8	±	5.0
MCV	fL	90.5	±	5.0	91.1	±	5.0	91.5	±	5.0	91.9	±	5.0	90.6	±	5.0	91.0	±	5.0	91.0	±	5.0
MCH	pg	32.1	±	4.0	32.0	±	4.0	32.3	±	4.0	32.4	±	4.0	33.1	±	4.0	33.1	±	4.0	32.6	±	4.0
MCHC	g/L	355	±	50	351	±	50	354	±	50	353	±	50	365	±	50	363	±	50	358	±	50
PLT	×10 <sup>9</sup> /L	588	±	50	539	±	50	542	±	50	593	±	50	594	±	50	582	±	50	606	±	50
Lymph#	×10 <sup>9</sup> /L	3.8	±	1.0	3.5	±	1.0	3.4	±	1.0	3.9	±	1.0	4.0	±	1.0	3.7	±	1.0	4.2	±	1.0
Mid#	×10 <sup>9</sup> /L	1.6	±	0.7	1.6	±	0.7	1.6	±	0.7	1.1	±	0.7	1.5	±	0.7	2.2	±	0.7	1.7	±	0.7
Gran#	×10 <sup>9</sup> /L	14.7	±	1.0	14.3	±	1.0	14.9	±	1.0	15.4	±	1.0	15.1	±	1.0	14.6	±	1.0	14.3	±	1.0
Lymph%	%	19.1	±	7.0	17.9	±	7.0	17.2	±	7.0	19.2	±	7.0	19.2	±	7.0	18.2	±	7.0	21.0	±	7.0
Mid%	%	8.2	±	8.2	8.2	±	8.2	8.0	±	8.0	5.5	±	5.5	7.5	±	7.5	10.5	±	10.0	8.2	±	8.2
Gran%	%	72.7	±	7.0	73.9	±	7.0	74.8	±	7.0	75.3	±	7.0	73.3	±	7.0	71.3	±	7.0	70.8	±	7.0

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