

B30 CONTROL

FOR MINDRAY HEMATOLOGY ANALYZERS

LOT BC21218L-1



2019-05-17

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	2.7	±	0.6	2.7	±	0.6	2.8	±	0.6	2.7	±	0.6	2.7	±	0.6	2.7	±	0.6	2.8	±	0.6
RBC	×10 ¹² /L	2.49	±	0.25	2.52	±	0.25	2.55	±	0.25	2.39	±	0.25	2.36	±	0.25	2.39	±	0.25	2.39	±	0.25
HGB	g/L	77	±	4	77	±	4	78	±	4	76	±	4	78	±	4	78	±	4	78	±	4
HCT	%	22.2	±	3.5	22.2	±	3.5	22.5	±	3.5	21.1	±	3.5	20.7	±	3.5	21.6	±	3.5	22.1	±	3.5
MCV	fL	89.0	±	5.0	88.2	±	5.0	88.4	±	5.0	88.4	±	5.0	87.5	±	5.0	90.4	±	5.0	92.5	±	5.0
MCH	pg	30.9	±	3.0	30.6	±	3.0	30.6	±	3.0	31.8	±	3.0	33.1	±	3.0	32.6	±	3.0	32.6	±	3.0
MCHC	g/L	347	±	30	346	±	30	346	±	30	360	±	30	378	±	30	361	±	30	353	±	30
PLT	×10 ⁹ /L	73	±	20	72	±	20	73	±	20	66	±	20	72	±	20	66	±	20	66	±	20
Lymph#	×10 ⁹ /L	1.3	±	0.3	1.2	±	0.3	1.3	±	0.3	1.3	±	0.3	1.3	±	0.3	1.3	±	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	0.2	±	0.2	0.2	±	0.2
Gran#	×10 ⁹ /L	1.2	±	0.3	1.3	±	0.3	1.3	±	0.3	1.2	±	0.3	1.2	±	0.3	1.2	±	0.3	1.1	±	0.3
Lymph%	%	49.0	±	10.0	45.6	±	10.0	45.3	±	10.0	49.1	±	10.0	48.0	±	10.0	48.9	±	10.0	52.3	±	10.0
Mid%	%	6.5	±	6.5	7.9	±	7.9	7.0	±	7.0	5.8	±	5.8	6.0	±	6.0	8.3	±	8.3	6.3	±	6.3
Gran%	%	44.5	±	10.0	46.5	±	10.0	47.7	±	10.0	45.1	±	10.0	46.0	±	10.0	42.8	±	10.0	41.4	±	10.0

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

B30 CONTROL

FOR MINDRAY HEMATOLOGY ANALYZERS

LOT BC21218N-1



2019-05-17

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	8.9	±	1.0	8.7	±	1.0	8.6	±	1.0	8.9	±	1.0	8.9	±	1.0	8.8	±	1.0	8.9	±	1.0
RBC	×10 ¹² /L	4.37	±	0.30	4.42	±	0.30	4.44	±	0.30	4.27	±	0.30	4.16	±	0.30	4.24	±	0.30	4.31	±	0.30
HGB	g/L	135	±	5	136	±	5	137	±	5	135	±	5	135	±	5	138	±	5	136	±	5
HCT	%	38.9	±	4.5	39.7	±	4.5	39.7	±	4.5	38.6	±	4.5	37.0	±	4.5	38.1	±	4.5	39.6	±	4.5
MCV	fL	89.1	±	5.0	89.8	±	5.0	89.5	±	5.0	90.4	±	5.0	89.0	±	5.0	89.9	±	5.0	91.8	±	5.0
MCH	pg	30.9	±	3.0	30.8	±	3.0	30.9	±	3.0	31.6	±	3.0	32.5	±	3.0	32.5	±	3.0	31.6	±	3.0
MCHC	g/L	347	±	40	343	±	40	345	±	40	350	±	40	365	±	40	362	±	40	344	±	40
PLT	×10 ⁹ /L	268	±	30	253	±	30	254	±	30	256	±	30	273	±	30	250	±	30	262	±	30
Lymph#	×10 ⁹ /L	3.4	±	0.5	3.1	±	0.5	2.9	±	0.5	3.4	±	0.5	3.4	±	0.5	3.1	±	0.5	3.6	±	0.5
Mid#	×10 ⁹ /L	0.7	±	0.5	0.7	±	0.5	0.7	±	0.5	0.6	±	0.5	0.7	±	0.5	1.0	±	0.5	0.7	±	0.5
Gran#	×10 ⁹ /L	4.8	±	0.5	4.9	±	0.5	5.0	±	0.5	4.9	±	0.5	4.8	±	0.5	4.7	±	0.5	4.6	±	0.5
Lymph%	%	37.8	±	7.0	35.6	±	7.0	34.0	±	7.0	38.6	±	7.0	37.7	±	7.0	35.7	±	7.0	40.5	±	7.0
Mid%	%	7.9	±	7.9	8.2	±	8.2	7.8	±	7.8	6.8	±	6.8	7.4	±	7.4	11.3	±	10.0	8.3	±	8.3
Gran%	%	54.3	±	7.0	56.2	±	7.0	58.2	±	7.0	54.6	±	7.0	54.9	±	7.0	53.0	±	7.0	51.2	±	7.0

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

B30 CONTROL

FOR MINDRAY HEMATOLOGY ANALYZERS

LOT BC21218H-1



2019-05-17

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	18.8	±	2.0	18.6	±	2.0	18.9	±	2.0	19.2	±	2.0	19.5	±	2.0	19.5	±	2.0	19.1	±	2.0
RBC	×10 ¹² /L	5.34	±	0.40	5.41	±	0.40	5.45	±	0.40	5.35	±	0.40	5.12	±	0.40	5.30	±	0.40	5.31	±	0.40
HGB	g/L	173	±	6	175	±	6	178	±	6	177	±	6	173	±	6	176	±	6	175	±	6
HCT	%	48.6	±	5.0	49.8	±	5.0	50.2	±	5.0	49.4	±	5.0	46.8	±	5.0	48.6	±	5.0	48.5	±	5.0
MCV	fL	91.0	±	5.0	92.0	±	5.0	92.2	±	5.0	92.4	±	5.0	91.5	±	5.0	91.7	±	5.0	91.3	±	5.0
MCH	pg	32.4	±	4.0	32.3	±	4.0	32.7	±	4.0	33.1	±	4.0	33.8	±	4.0	33.2	±	4.0	33.0	±	4.0
MCHC	g/L	356	±	50	352	±	50	354	±	50	358	±	50	369	±	50	362	±	50	361	±	50
PLT	×10 ⁹ /L	611	±	50	560	±	50	571	±	50	602	±	50	642	±	50	603	±	50	625	±	50
Lymph#	×10 ⁹ /L	3.2	±	1.0	3.1	±	1.0	3.0	±	1.0	3.2	±	1.0	3.3	±	1.0	3.2	±	1.0	3.6	±	1.0
Mid#	×10 ⁹ /L	1.6	±	0.7	1.5	±	0.7	1.5	±	0.7	1.4	±	0.7	1.5	±	0.7	2.1	±	0.7	1.8	±	0.7
Gran#	×10 ⁹ /L	14.0	±	1.0	14.0	±	1.0	14.4	±	1.0	14.6	±	1.0	14.7	±	1.0	14.2	±	1.0	13.7	±	1.0
Lymph%	%	16.9	±	7.0	16.5	±	7.0	15.7	±	7.0	16.8	±	7.0	17.1	±	7.0	16.2	±	7.0	19.1	±	7.0
Mid%	%	8.4	±	8.4	7.8	±	7.8	7.8	±	7.8	7.2	±	7.2	7.9	±	7.9	10.7	±	10.0	9.2	±	9.2
Gran%	%	74.7	±	7.0	75.7	±	7.0	76.5	±	7.0	76.0	±	7.0	75.0	±	7.0	73.1	±	7.0	71.7	±	7.0

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