

# B30 CONTROL

FOR MINDRAY HEMATOLOGY ANALYZERS

LOT BC20923L-1
  2024-02-26

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	2.7	±	0.6	2.8	±	0.6	2.6	±	0.6	2.7	±	0.6	2.5	±	0.6	2.8	±	0.6	2.7	±	0.6
RBC	×10 <sup>12</sup> /L	2.60	±	0.25	2.67	±	0.25	2.69	±	0.25	2.48	±	0.25	2.47	±	0.25	2.44	±	0.25	2.46	±	0.25
HGB	g/L	82	±	4	82	±	4	81	±	4	81	±	4	81	±	4	82	±	4	80	±	4
HCT	%	23.9	±	3.5	24.1	±	3.5	24.4	±	3.5	22.5	±	3.5	22.4	±	3.5	23.4	±	3.5	23.4	±	3.5
MCV	fL	91.8	±	5.0	90.2	±	5.0	90.6	±	5.0	90.9	±	5.0	90.8	±	5.0	96.1	±	5.0	95.0	±	5.0
MCH	pg	31.5	±	3.0	30.7	±	3.0	30.1	±	3.0	32.7	±	3.0	32.8	±	3.0	33.6	±	3.0	32.5	±	3.0
MCHC	g/L	344	±	30	340	±	30	332	±	30	359	±	30	361	±	30	350	±	30	342	±	30
PLT	×10 <sup>9</sup> /L	79	±	20	82	±	20	78	±	20	77	±	20	75	±	20	75	±	20	76	±	20
Lymph#	×10 <sup>9</sup> /L	1.3	±	0.3	1.3	±	0.3	1.2	±	0.3	1.3	±	0.3	1.2	±	0.3	1.3	±	0.3	1.3	±	0.3
Mid#	×10 <sup>9</sup> /L	0.3	±	0.3	0.2	±	0.2	0.2	±	0.2	0.1	±	0.1	0.1	±	0.1	0.3	±	0.3	0.2	±	0.2
Gran#	×10 <sup>9</sup> /L	1.1	±	0.3	1.3	±	0.3	1.2	±	0.3	1.3	±	0.3	1.2	±	0.3	1.2	±	0.3	1.2	±	0.3
Lymph%	%	48.0	±	10.0	45.1	±	10.0	45.4	±	10.0	48.0	±	10.0	46.9	±	10.0	47.8	±	10.0	49.1	±	10.0
Mid%	%	9.3	±	9.3	8.2	±	8.2	7.5	±	7.5	4.8	±	4.8	5.6	±	5.6	9.4	±	9.4	7.1	±	7.1
Gran%	%	42.7	±	10.0	46.7	±	10.0	47.1	±	10.0	47.2	±	10.0	47.5	±	10.0	42.8	±	10.0	43.8	±	10.0

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

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	8.3	±	1.0	9.0	±	1.0	8.6	±	1.0	8.9	±	1.0	8.8	±	1.0
RBC	×10 <sup>12</sup> /L	4.21	±	0.30	4.28	±	0.30	4.37	±	0.30	4.08	±	0.30	3.91	±	0.30	3.93	±	0.30	4.04	±	0.30
HGB	g/L	136	±	5	135	±	5	136	±	5	135	±	5	132	±	5	135	±	5	134	±	5
HCT	%	38.9	±	4.5	39.2	±	4.5	40.2	±	4.5	37.8	±	4.5	36.2	±	4.5	37.9	±	4.5	38.4	±	4.5
MCV	fL	92.5	±	5.0	91.5	±	5.0	92.0	±	5.0	92.7	±	5.0	92.7	±	5.0	96.5	±	5.0	95.1	±	5.0
MCH	pg	32.3	±	3.0	31.5	±	3.0	31.1	±	3.0	33.1	±	3.0	33.8	±	3.0	34.4	±	3.0	33.2	±	3.0
MCHC	g/L	349	±	40	345	±	40	338	±	40	357	±	40	364	±	40	356	±	40	349	±	40
PLT	×10 <sup>9</sup> /L	257	±	30	248	±	30	247	±	30	275	±	30	250	±	30	256	±	30	271	±	30
Lymph#	×10 <sup>9</sup> /L	4.2	±	0.5	3.9	±	0.5	3.7	±	0.5	4.3	±	0.5	4.1	±	0.5	4.2	±	0.5	4.3	±	0.5
Mid#	×10 <sup>9</sup> /L	0.9	±	0.5	0.7	±	0.5	0.7	±	0.5	0.4	±	0.4	0.5	±	0.5	0.9	±	0.5	0.6	±	0.5
Gran#	×10 <sup>9</sup> /L	3.9	±	0.5	4.1	±	0.5	3.9	±	0.5	4.3	±	0.5	4.0	±	0.5	3.8	±	0.5	3.9	±	0.5
Lymph%	%	47.2	±	7.0	44.9	±	7.0	44.8	±	7.0	47.6	±	7.0	47.3	±	7.0	47.5	±	7.0	49.0	±	7.0
Mid%	%	9.7	±	9.7	8.6	±	8.6	8.0	±	8.0	4.1	±	4.1	6.1	±	6.1	9.7	±	9.7	7.1	±	7.1
Gran%	%	43.1	±	7.0	46.5	±	7.0	47.2	±	7.0	48.3	±	7.0	46.6	±	7.0	42.8	±	7.0	43.9	±	7.0

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

# B30 CONTROL

FOR MINDRAY HEMATOLOGY ANALYZERS

LOT

BC20923H-1

2024-02-26

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	18.6	±	2.0	18.4	±	2.0	17.8	±	2.0	18.6	±	2.0	18.2	±	2.0	19.0	±	2.0	18.5	±	2.0
RBC	×10 <sup>12</sup> /L	5.21	±	0.40	5.27	±	0.40	5.40	±	0.40	5.07	±	0.40	4.85	±	0.40	4.94	±	0.40	5.05	±	0.40
HGB	g/L	163	±	6	162	±	6	164	±	6	161	±	6	158	±	6	162	±	6	161	±	6
HCT	%	45.3	±	5.0	45.8	±	5.0	47.0	±	5.0	44.5	±	5.0	42.5	±	5.0	44.8	±	5.0	44.9	±	5.0
MCV	fL	87.0	±	5.0	86.9	±	5.0	87.1	±	5.0	87.7	±	5.0	87.7	±	5.0	90.7	±	5.0	89.0	±	5.0
MCH	pg	31.3	±	4.0	30.7	±	4.0	30.4	±	4.0	31.8	±	4.0	32.6	±	4.0	32.8	±	4.0	31.9	±	4.0
MCHC	g/L	360	±	50	354	±	50	349	±	50	362	±	50	371	±	50	362	±	50	358	±	50
PLT	×10 <sup>9</sup> /L	563	±	50	541	±	50	521	±	50	608	±	50	580	±	50	574	±	50	607	±	50
Lymph#	×10 <sup>9</sup> /L	3.1	±	1.0	2.9	±	1.0	2.8	±	1.0	3.2	±	1.0	3.1	±	1.0	3.1	±	1.0	3.3	±	1.0
Mid#	×10 <sup>9</sup> /L	1.6	±	0.7	1.4	±	0.7	1.4	±	0.7	1.1	±	0.7	1.1	±	0.7	1.8	±	0.7	1.4	±	0.7
Gran#	×10 <sup>9</sup> /L	13.9	±	1.0	14.1	±	1.0	13.6	±	1.0	14.3	±	1.0	14.0	±	1.0	14.1	±	1.0	13.8	±	1.0
Lymph%	%	16.9	±	7.0	15.9	±	7.0	15.9	±	7.0	17.0	±	7.0	17.0	±	7.0	16.4	±	7.0	17.6	±	7.0
Mid%	%	8.5	±	8.5	7.7	±	7.7	7.6	±	7.6	6.0	±	6.0	6.2	±	6.2	9.3	±	9.3	7.6	±	7.6
Gran%	%	74.6	±	7.0	76.4	±	7.0	76.5	±	7.0	77.0	±	7.0	76.8	±	7.0	74.3	±	7.0	74.8	±	7.0

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