

B30 CONTROL

FOR MINDRAY HEMATOLOGY ANALYZERS

LOT BC20724L-1

2024-12-13

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	$\times 10^9/L$	2.6	±	0.6	2.7	±	0.6	2.5	±	0.6	2.6	±	0.6	2.5	±	0.6	2.7	±	0.6	2.7	±	0.6
RBC	$\times 10^{12}/L$	2.59	±	0.25	2.66	±	0.25	2.69	±	0.25	2.48	±	0.25	2.48	±	0.25	2.44	±	0.25	2.47	±	0.25
HGB	g/L	79	±	4	80	±	4	79	±	4	78	±	4	78	±	4	78	±	4	78	±	4
HCT	%	22.9	±	3.5	23.4	±	3.5	23.7	±	3.5	21.8	±	3.5	21.8	±	3.5	22.5	±	3.5	22.6	±	3.5
MCV	fL	88.5	±	5.0	87.8	±	5.0	88.0	±	5.0	88.1	±	5.0	87.9	±	5.0	92.3	±	5.0	91.7	±	5.0
MCH	pg	30.5	±	3.0	30.1	±	3.0	29.4	±	3.0	31.5	±	3.0	31.5	±	3.0	32.0	±	3.0	31.6	±	3.0
MCHC	g/L	345	±	30	343	±	30	334	±	30	357	±	30	358	±	30	346	±	30	344	±	30
PLT	$\times 10^9/L$	74	±	20	77	±	20	72	±	20	73	±	20	72	±	20	68	±	20	72	±	20
Lymph#	$\times 10^9/L$	1.4	±	0.3	1.4	±	0.3	1.3	±	0.3	1.4	±	0.3	1.3	±	0.3	1.5	±	0.3	1.5	±	0.3
Mid#	$\times 10^9/L$	0.2	±	0.2	0.2	±	0.2	0.2	±	0.2	0.1	±	0.1	0.1	±	0.1	0.2	±	0.2	0.2	±	0.2
Gran#	$\times 10^9/L$	1.0	±	0.3	1.1	±	0.3	1.0	±	0.3	1.1	±	0.3	1.1	±	0.3	1.0	±	0.3	1.0	±	0.3
Lymph%	%	53.7	±	10.0	52.2	±	10.0	51.6	±	10.0	54.5	±	10.0	53.7	±	10.0	55.3	±	10.0	55.5	±	10.0
Mid%	%	8.5	±	8.5	8.1	±	8.1	6.7	±	6.7	5.1	±	5.1	5.7	±	5.7	8.0	±	8.0	5.9	±	5.9
Gran%	%	37.8	±	10.0	39.7	±	10.0	41.7	±	10.0	40.4	±	10.0	40.6	±	10.0	36.7	±	10.0	38.6	±	10.0

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

B30 CONTROL

FOR MINDRAY HEMATOLOGY ANALYZERS

LOT BC20724N-1  2024-12-13

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	$\times 10^9/L$	9.5	±	1.0	9.2	±	1.0	9.0	±	1.0	9.3	±	1.0	9.1	±	1.0	9.5	±	1.0	9.3	±	1.0
RBC	$\times 10^{12}/L$	4.17	±	0.30	4.29	±	0.30	4.32	±	0.30	4.00	±	0.30	3.90	±	0.30	3.92	±	0.30	3.98	±	0.30
HGB	g/L	129	±	5	129	±	5	130	±	5	127	±	5	126	±	5	128	±	5	127	±	5
HCT	%	37.1	±	4.5	38.2	±	4.5	38.5	±	4.5	35.9	±	4.5	35.0	±	4.5	36.4	±	4.5	36.5	±	4.5
MCV	fL	89.0	±	5.0	89.0	±	5.0	89.1	±	5.0	89.8	±	5.0	89.8	±	5.0	92.8	±	5.0	91.8	±	5.0
MCH	pg	30.9	±	3.0	30.1	±	3.0	30.1	±	3.0	31.8	±	3.0	32.3	±	3.0	32.7	±	3.0	31.9	±	3.0
MCHC	g/L	348	±	40	338	±	40	338	±	40	354	±	40	360	±	40	352	±	40	348	±	40
PLT	$\times 10^9/L$	241	±	30	243	±	30	233	±	30	249	±	30	249	±	30	238	±	30	257	±	30
Lymph#	$\times 10^9/L$	4.2	±	0.5	3.9	±	0.5	3.8	±	0.5	4.2	±	0.5	4.1	±	0.5	4.3	±	0.5	4.3	±	0.5
Mid#	$\times 10^9/L$	0.7	±	0.5	0.6	±	0.5	0.5	±	0.5	0.4	±	0.4	0.4	±	0.4	0.6	±	0.5	0.5	±	0.5
Gran#	$\times 10^9/L$	4.6	±	0.5	4.7	±	0.5	4.7	±	0.5	4.7	±	0.5	4.6	±	0.5	4.6	±	0.5	4.5	±	0.5
Lymph%	%	44.2	±	7.0	41.9	±	7.0	42.2	±	7.0	45.0	±	7.0	45.0	±	7.0	45.5	±	7.0	45.9	±	7.0
Mid%	%	7.3	±	7.3	6.4	±	6.4	6.1	±	6.1	4.4	±	4.4	4.8	±	4.8	6.7	±	6.7	5.2	±	5.2
Gran%	%	48.5	±	7.0	51.7	±	7.0	51.7	±	7.0	50.6	±	7.0	50.2	±	7.0	47.8	±	7.0	48.9	±	7.0

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

B30 CONTROL

FOR MINDRAY HEMATOLOGY ANALYZERS

LOT BC20724H-1  2024-12-13

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	$\times 10^9/L$	19.6	±	2.0	18.9	±	2.0	18.4	±	2.0	19.2	±	2.0	19.2	±	2.0	19.9	±	2.0	19.2	±	2.0
RBC	$\times 10^{12}/L$	5.20	±	0.40	5.17	±	0.40	5.35	±	0.40	5.06	±	0.40	4.82	±	0.40	4.98	±	0.40	4.97	±	0.40
HGB	g/L	161	±	6	161	±	6	163	±	6	161	±	6	157	±	6	160	±	6	160	±	6
HCT	%	45.9	±	5.0	46.1	±	5.0	47.5	±	5.0	45.4	±	5.0	43.3	±	5.0	45.8	±	5.0	45.1	±	5.0
MCV	fL	88.3	±	5.0	89.1	±	5.0	88.8	±	5.0	89.8	±	5.0	89.9	±	5.0	91.9	±	5.0	90.7	±	5.0
MCH	pg	31.0	±	4.0	31.1	±	4.0	30.5	±	4.0	31.8	±	4.0	32.6	±	4.0	32.1	±	4.0	32.2	±	4.0
MCHC	g/L	351	±	50	350	±	50	343	±	50	354	±	50	362	±	50	350	±	50	355	±	50
PLT	$\times 10^9/L$	574	±	50	532	±	50	529	±	50	599	±	50	607	±	50	581	±	50	615	±	50
Lymph#	$\times 10^9/L$	3.9	±	1.0	3.7	±	1.0	3.6	±	1.0	3.9	±	1.0	3.9	±	1.0	4.1	±	1.0	4.0	±	1.0
Mid#	$\times 10^9/L$	1.1	±	0.7	0.9	±	0.7	0.9	±	0.7	0.7	±	0.7	0.8	±	0.7	1.1	±	0.7	1.0	±	0.7
Gran#	$\times 10^9/L$	14.6	±	1.0	14.3	±	1.0	13.9	±	1.0	14.6	±	1.0	14.5	±	1.0	14.7	±	1.0	14.2	±	1.0
Lymph%	%	19.9	±	7.0	19.4	±	7.0	19.4	±	7.0	20.3	±	7.0	20.3	±	7.0	20.6	±	7.0	21.0	±	7.0
Mid%	%	5.6	±	5.6	4.6	±	4.6	4.9	±	4.9	3.8	±	3.8	4.2	±	4.2	5.7	±	5.7	5.0	±	5.0
Gran%	%	74.5	±	7.0	76.0	±	7.0	75.7	±	7.0	75.9	±	7.0	75.5	±	7.0	73.7	±	7.0	74.0	±	7.0

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