

# B30 CONTROL

## FOR MINDRAY HEMATOLOGY ANALYZERS

LOT BC20324L-1



2024-08-23

### 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	2.6	±	0.6	2.5	±	0.6	2.5	±	0.6	2.7	±	0.6	2.7	±	0.6
RBC	$\times 10^{12}/L$	2.76	±	0.25	2.83	±	0.25	2.89	±	0.25	2.69	±	0.25	2.61	±	0.25	2.59	±	0.25	2.62	±	0.25
HGB	g/L	83	±	4	83	±	4	84	±	4	83	±	4	82	±	4	83	±	4	83	±	4
HCT	%	24.4	±	3.5	24.8	±	3.5	25.4	±	3.5	23.6	±	3.5	22.9	±	3.5	23.9	±	3.5	24.1	±	3.5
MCV	fL	88.5	±	5.0	87.5	±	5.0	87.8	±	5.0	87.9	±	5.0	87.8	±	5.0	92.2	±	5.0	91.8	±	5.0
MCH	pg	30.1	±	3.0	29.3	±	3.0	29.1	±	3.0	30.9	±	3.0	31.4	±	3.0	32.0	±	3.0	31.7	±	3.0
MCHC	g/L	340	±	30	335	±	30	331	±	30	351	±	30	358	±	30	348	±	30	345	±	30
PLT	$\times 10^9/L$	74	±	20	73	±	20	74	±	20	74	±	20	67	±	20	64	±	20	70	±	20
Lymph#	$\times 10^9/L$	1.3	±	0.3	1.4	±	0.3	1.3	±	0.3	1.3	±	0.3	1.3	±	0.3	1.4	±	0.3	1.4	±	0.3
Mid#	$\times 10^9/L$	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#	$\times 10^9/L$	1.0	±	0.3	1.1	±	0.3	1.1	±	0.3	1.1	±	0.3	1.1	±	0.3	1.0	±	0.3	1.1	±	0.3
Lymph%	%	51.9	±	10.0	50.1	±	10.0	49.8	±	10.0	53.0	±	10.0	51.7	±	10.0	53.7	±	10.0	53.2	±	10.0
Mid%	%	10.0	±	10.0	8.9	±	8.9	7.0	±	7.0	5.7	±	5.7	5.8	±	5.8	9.6	±	9.6	8.4	±	8.4
Gran%	%	38.1	±	10.0	41.0	±	10.0	43.2	±	10.0	41.3	±	10.0	42.5	±	10.0	36.7	±	10.0	38.4	±	10.0

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

# B30 CONTROL

FOR MINDRAY HEMATOLOGY ANALYZERS

LOT BC20324N-1 2024-08-23

## 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	$\times 10^9/L$	8.8	±	1.0	8.6	±	1.0	8.7	±	1.0	8.7	±	1.0	8.5	±	1.0	8.9	±	1.0	8.7	±	1.0
RBC	$\times 10^{12}/L$	4.31	±	0.30	4.34	±	0.30	4.47	±	0.30	4.22	±	0.30	3.98	±	0.30	4.04	±	0.30	4.08	±	0.30
HGB	g/L	137	±	5	137	±	5	139	±	5	137	±	5	133	±	5	137	±	5	137	±	5
HCT	%	39.9	±	4.5	40.2	±	4.5	41.5	±	4.5	39.2	±	4.5	36.9	±	4.5	39.0	±	4.5	39.0	±	4.5
MCV	fL	92.5	±	5.0	92.6	±	5.0	92.8	±	5.0	92.9	±	5.0	92.8	±	5.0	96.6	±	5.0	95.6	±	5.0
MCH	pg	31.8	±	3.0	31.6	±	3.0	31.1	±	3.0	32.5	±	3.0	33.4	±	3.0	33.9	±	3.0	33.6	±	3.0
MCHC	g/L	344	±	40	341	±	40	335	±	40	349	±	40	360	±	40	351	±	40	351	±	40
PLT	$\times 10^9/L$	241	±	30	236	±	30	236	±	30	255	±	30	225	±	30	233	±	30	248	±	30
Lymph#	$\times 10^9/L$	3.9	±	0.5	3.7	±	0.5	3.7	±	0.5	3.9	±	0.5	3.8	±	0.5	4.1	±	0.5	4.1	±	0.5
Mid#	$\times 10^9/L$	0.7	±	0.5	0.6	±	0.5	0.6	±	0.5	0.4	±	0.4	0.4	±	0.4	0.6	±	0.5	0.5	±	0.5
Gran#	$\times 10^9/L$	4.2	±	0.5	4.3	±	0.5	4.4	±	0.5	4.4	±	0.5	4.3	±	0.5	4.2	±	0.5	4.1	±	0.5
Lymph%	%	44.4	±	7.0	42.8	±	7.0	42.6	±	7.0	45.2	±	7.0	45.1	±	7.0	46.1	±	7.0	47.0	±	7.0
Mid%	%	7.6	±	7.6	6.9	±	6.9	6.7	±	6.7	4.8	±	4.8	4.7	±	4.7	7.0	±	7.0	6.1	±	6.1
Gran%	%	48.0	±	7.0	50.3	±	7.0	50.7	±	7.0	50.0	±	7.0	50.2	±	7.0	46.9	±	7.0	46.9	±	7.0

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

# B30 CONTROL

FOR MINDRAY HEMATOLOGY ANALYZERS

LOT BC20324H-1

2024-08-23

## 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	$\times 10^9/L$	19.5	±	2.0	19.0	±	2.0	19.2	±	2.0	19.5	±	2.0	18.9	±	2.0	19.9	±	2.0	19.4	±	2.0
RBC	$\times 10^{12}/L$	5.12	±	0.40	5.20	±	0.40	5.34	±	0.40	5.02	±	0.40	4.66	±	0.40	4.81	±	0.40	4.90	±	0.40
HGB	g/L	162	±	6	162	±	6	165	±	6	162	±	6	156	±	6	161	±	6	162	±	6
HCT	%	46.0	±	5.0	47.0	±	5.0	48.3	±	5.0	45.6	±	5.0	42.2	±	5.0	45.0	±	5.0	45.3	±	5.0
MCV	fL	89.8	±	5.0	90.3	±	5.0	90.4	±	5.0	90.8	±	5.0	90.6	±	5.0	93.5	±	5.0	92.4	±	5.0
MCH	pg	31.6	±	4.0	31.2	±	4.0	30.9	±	4.0	32.3	±	4.0	33.5	±	4.0	33.5	±	4.0	33.1	±	4.0
MCHC	g/L	352	±	50	345	±	50	342	±	50	355	±	50	369	±	50	358	±	50	358	±	50
PLT	$\times 10^9/L$	560	±	50	533	±	50	527	±	50	584	±	50	560	±	50	557	±	50	584	±	50
Lymph#	$\times 10^9/L$	3.9	±	1.0	3.6	±	1.0	3.7	±	1.0	3.9	±	1.0	3.8	±	1.0	4.1	±	1.0	4.1	±	1.0
Mid#	$\times 10^9/L$	1.2	±	0.7	1.0	±	0.7	1.0	±	0.7	0.9	±	0.7	0.9	±	0.7	1.2	±	0.7	1.1	±	0.7
Gran#	$\times 10^9/L$	14.4	±	1.0	14.4	±	1.0	14.5	±	1.0	14.7	±	1.0	14.2	±	1.0	14.6	±	1.0	14.2	±	1.0
Lymph%	%	20.1	±	7.0	19.1	±	7.0	19.1	±	7.0	19.9	±	7.0	20.1	±	7.0	20.8	±	7.0	21.1	±	7.0
Mid%	%	5.9	±	5.9	5.2	±	5.2	5.1	±	5.1	4.7	±	4.7	4.6	±	4.6	6.1	±	6.1	5.9	±	5.9
Gran%	%	74.0	±	7.0	75.7	±	7.0	75.8	±	7.0	75.4	±	7.0	75.3	±	7.0	73.1	±	7.0	73.0	±	7.0

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