

# B30 CONTROL

FOR MINDRAY HEMATOLOGY ANALYZERS

LOT BC20924L-1



2025-02-17

## 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	$\times 10^9/L$	2.3	±	0.6	2.5	±	0.6	2.4	±	0.6	2.4	±	0.6	2.2	±	0.6	2.5	±	0.6	2.4	±	0.6
RBC	$\times 10^{12}/L$	2.44	±	0.25	2.52	±	0.25	2.56	±	0.25	2.37	±	0.25	2.36	±	0.25	2.32	±	0.25	2.30	±	0.25
HGB	g/L	77	±	4	77	±	4	77	±	4	76	±	4	77	±	4	77	±	4	76	±	4
HCT	%	22.0	±	3.5	22.6	±	3.5	23.1	±	3.5	21.2	±	3.5	21.1	±	3.5	21.7	±	3.5	21.3	±	3.5
MCV	fL	90.2	±	5.0	89.6	±	5.0	90.1	±	5.0	89.4	±	5.0	89.2	±	5.0	93.7	±	5.0	92.6	±	5.0
MCH	pg	31.6	±	3.0	30.6	±	3.0	30.1	±	3.0	32.1	±	3.0	32.6	±	3.0	33.2	±	3.0	33.0	±	3.0
MCHC	g/L	350	±	30	341	±	30	334	±	30	359	±	30	366	±	30	354	±	30	357	±	30
PLT	$\times 10^9/L$	78	±	20	85	±	20	82	±	20	76	±	20	75	±	20	72	±	20	75	±	20
Lymph#	$\times 10^9/L$	1.2	±	0.3	1.3	±	0.3	1.3	±	0.3	1.3	±	0.3	1.1	±	0.3	1.4	±	0.3	1.3	±	0.3
Mid#	$\times 10^9/L$	0.3	±	0.3	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#	$\times 10^9/L$	0.8	±	0.3	1.0	±	0.3	0.9	±	0.3	0.9	±	0.3	0.9	±	0.3	0.8	±	0.3	0.9	±	0.3
Lymph%	%	54.0	±	10.0	50.4	±	10.0	52.5	±	10.0	53.9	±	10.0	51.3	±	10.0	54.5	±	10.0	53.8	±	10.0
Mid%	%	11.5	±	10.0	9.7	±	9.7	9.7	±	9.7	8.9	±	8.9	8.7	±	8.7	10.6	±	10.0	10.0	±	10.0
Gran%	%	34.5	±	10.0	39.9	±	10.0	37.8	±	10.0	37.2	±	10.0	40.0	±	10.0	34.9	±	10.0	36.2	±	10.0

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

# B30 CONTROL

FOR MINDRAY HEMATOLOGY ANALYZERS

LOT BC20924N-1



2025-02-17

## 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	$\times 10^9/L$	8.6	±	1.0	8.6	±	1.0	8.2	±	1.0	8.4	±	1.0	8.0	±	1.0	8.6	±	1.0	8.3	±	1.0
RBC	$\times 10^{12}/L$	4.23	±	0.30	4.39	±	0.30	4.39	±	0.30	4.12	±	0.30	4.06	±	0.30	4.02	±	0.30	4.06	±	0.30
HGB	g/L	132	±	5	133	±	5	133	±	5	132	±	5	130	±	5	132	±	5	132	±	5
HCT	%	37.5	±	4.5	39.1	±	4.5	39.3	±	4.5	36.8	±	4.5	36.3	±	4.5	37.1	±	4.5	36.7	±	4.5
MCV	fL	88.7	±	5.0	89.0	±	5.0	89.5	±	5.0	89.4	±	5.0	89.4	±	5.0	92.3	±	5.0	90.5	±	5.0
MCH	pg	31.2	±	3.0	30.3	±	3.0	30.3	±	3.0	32.0	±	3.0	32.0	±	3.0	32.8	±	3.0	32.5	±	3.0
MCHC	g/L	352	±	40	340	±	40	339	±	40	358	±	40	358	±	40	356	±	40	359	±	40
PLT	$\times 10^9/L$	220	±	30	223	±	30	216	±	30	225	±	30	209	±	30	213	±	30	220	±	30
Lymph#	$\times 10^9/L$	4.4	±	0.5	4.2	±	0.5	4.0	±	0.5	4.3	±	0.5	4.0	±	0.5	4.6	±	0.5	4.4	±	0.5
Mid#	$\times 10^9/L$	0.8	±	0.5	0.8	±	0.5	0.8	±	0.5	0.6	±	0.5	0.4	±	0.4	0.7	±	0.5	0.7	±	0.5
Gran#	$\times 10^9/L$	3.4	±	0.5	3.6	±	0.5	3.4	±	0.5	3.5	±	0.5	3.6	±	0.5	3.3	±	0.5	3.2	±	0.5
Lymph%	%	50.7	±	7.0	49.1	±	7.0	48.4	±	7.0	51.7	±	7.0	49.7	±	7.0	53.2	±	7.0	53.2	±	7.0
Mid%	%	9.6	±	9.6	9.1	±	9.1	9.2	±	9.2	6.8	±	6.8	5.4	±	5.4	8.3	±	8.3	7.9	±	7.9
Gran%	%	39.7	±	7.0	41.8	±	7.0	42.4	±	7.0	41.5	±	7.0	44.9	±	7.0	38.5	±	7.0	38.9	±	7.0

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

# B30 CONTROL

FOR MINDRAY HEMATOLOGY ANALYZERS

LOT BC20924H-1  2025-02-17

## 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	$\times 10^9/L$	17.3	±	2.0	19.1	±	2.0	18.0	±	2.0	18.4	±	2.0	18.6	±	2.0	19.0	±	2.0	17.7	±	2.0
RBC	$\times 10^{12}/L$	5.17	±	0.40	5.50	±	0.40	5.37	±	0.40	5.11	±	0.40	4.95	±	0.40	4.99	±	0.40	4.98	±	0.40
HGB	g/L	164	±	6	166	±	6	167	±	6	167	±	6	162	±	6	165	±	6	162	±	6
HCT	%	46.0	±	5.0	49.4	±	5.0	48.5	±	5.0	46.2	±	5.0	44.8	±	5.0	46.1	±	5.0	44.9	±	5.0
MCV	fL	89.0	±	5.0	89.9	±	5.0	90.3	±	5.0	90.4	±	5.0	90.5	±	5.0	92.3	±	5.0	90.1	±	5.0
MCH	pg	31.7	±	4.0	30.2	±	4.0	31.1	±	4.0	32.7	±	4.0	32.7	±	4.0	33.1	±	4.0	32.5	±	4.0
MCHC	g/L	356	±	50	336	±	50	344	±	50	362	±	50	362	±	50	358	±	50	361	±	50
PLT	$\times 10^9/L$	534	±	50	549	±	50	502	±	50	562	±	50	554	±	50	540	±	50	528	±	50
Lymph#	$\times 10^9/L$	3.9	±	1.0	3.8	±	1.0	3.6	±	1.0	4.0	±	1.0	3.9	±	1.0	4.2	±	1.0	4.0	±	1.0
Mid#	$\times 10^9/L$	1.2	±	0.7	1.0	±	0.7	1.0	±	0.7	0.9	±	0.7	1.0	±	0.7	1.2	±	0.7	1.1	±	0.7
Gran#	$\times 10^9/L$	12.2	±	1.0	14.3	±	1.0	13.4	±	1.0	13.5	±	1.0	13.7	±	1.0	13.6	±	1.0	12.6	±	1.0
Lymph%	%	22.5	±	7.0	19.9	±	7.0	20.2	±	7.0	21.7	±	7.0	20.7	±	7.0	21.9	±	7.0	22.4	±	7.0
Mid%	%	6.8	±	6.8	5.4	±	5.4	5.4	±	5.4	4.8	±	4.8	5.6	±	5.6	6.4	±	6.4	6.3	±	6.3
Gran%	%	70.7	±	7.0	74.7	±	7.0	74.4	±	7.0	73.5	±	7.0	73.7	±	7.0	71.7	±	7.0	71.3	±	7.0

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