


# B30 CONTROL

FOR MINDRAY HEMATOLOGY ANALYZERS

LOT BC20124L-1

 2024-06-24

## 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	$\times 10^9/L$	2.7	±	0.6	2.8	±	0.6	2.7	±	0.6	/	±	/	2.5	±	0.6	2.8	±	0.6	2.7	±	0.6
RBC	$\times 10^{12}/L$	2.64	±	0.25	2.72	±	0.25	2.76	±	0.25	/	±	/	2.50	±	0.25	2.49	±	0.25	2.52	±	0.25
HGB	g/L	82	±	4	81	±	4	82	±	4	/	±	/	80	±	4	81	±	4	81	±	4
HCT	%	23.8	±	3.5	24.3	±	3.5	24.7	±	3.5	/	±	/	22.4	±	3.5	23.5	±	3.5	23.7	±	3.5
MCV	fL	90.3	±	5.0	89.2	±	5.0	89.4	±	5.0	/	±	/	89.4	±	5.0	94.2	±	5.0	94.0	±	5.0
MCH	pg	31.1	±	3.0	29.8	±	3.0	29.7	±	3.0	/	±	/	32.0	±	3.0	32.5	±	3.0	32.1	±	3.0
MCHC	g/L	344	±	30	334	±	30	332	±	30	/	±	/	358	±	30	345	±	30	342	±	30
PLT	$\times 10^9/L$	67	±	20	67	±	20	68	±	20	/	±	/	59	±	20	61	±	20	68	±	20
Lymph#	$\times 10^9/L$	1.3	±	0.3	1.2	±	0.3	1.2	±	0.3	/	±	/	1.2	±	0.3	1.3	±	0.3	1.3	±	0.3
Mid#	$\times 10^9/L$	0.3	±	0.3	0.2	±	0.2	0.2	±	0.2	/	±	/	0.1	±	0.1	0.3	±	0.3	0.2	±	0.2
Gran#	$\times 10^9/L$	1.1	±	0.3	1.4	±	0.3	1.3	±	0.3	/	±	/	1.2	±	0.3	1.2	±	0.3	1.2	±	0.3
Lymph%	%	46.5	±	10.0	43.9	±	10.0	44.7	±	10.0	/	±	/	46.1	±	10.0	47.0	±	10.0	47.8	±	10.0
Mid%	%	9.4	±	9.4	8.6	±	8.6	8.1	±	8.1	/	±	/	5.8	±	5.8	9.2	±	9.2	7.3	±	7.3
Gran%	%	44.1	±	10.0	47.5	±	10.0	47.2	±	10.0	/	±	/	48.1	±	10.0	43.8	±	10.0	44.9	±	10.0

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

# B30 CONTROL

FOR MINDRAY HEMATOLOGY ANALYZERS

LOT BC20124N-1  2024-06-24

## 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	8.7	±	1.0	8.6	±	1.0	/	±	/	8.4	±	1.0	8.9	±	1.0	8.7	±	1.0
RBC	$\times 10^{12}/L$	4.23	±	0.30	4.36	±	0.30	4.39	±	0.30	/	±	/	3.97	±	0.30	3.98	±	0.30	4.06	±	0.30
HGB	g/L	132	±	5	131	±	5	133	±	5	/	±	/	128	±	5	130	±	5	130	±	5
HCT	%	38.1	±	4.5	38.9	±	4.5	39.2	±	4.5	/	±	/	35.8	±	4.5	37.4	±	4.5	37.8	±	4.5
MCV	fL	90.0	±	5.0	89.2	±	5.0	89.4	±	5.0	/	±	/	90.3	±	5.0	93.9	±	5.0	93.2	±	5.0
MCH	pg	31.2	±	3.0	30.0	±	3.0	30.3	±	3.0	/	±	/	32.2	±	3.0	32.7	±	3.0	32.0	±	3.0
MCHC	g/L	347	±	40	337	±	40	339	±	40	/	±	/	357	±	40	348	±	40	344	±	40
PLT	$\times 10^9/L$	250	±	30	244	±	30	244	±	30	/	±	/	226	±	30	250	±	30	274	±	30
Lymph#	$\times 10^9/L$	3.4	±	0.5	3.3	±	0.5	3.2	±	0.5	/	±	/	3.3	±	0.5	3.6	±	0.5	3.6	±	0.5
Mid#	$\times 10^9/L$	0.8	±	0.5	0.7	±	0.5	0.7	±	0.5	/	±	/	0.5	±	0.5	0.8	±	0.5	0.6	±	0.5
Gran#	$\times 10^9/L$	4.6	±	0.5	4.7	±	0.5	4.7	±	0.5	/	±	/	4.6	±	0.5	4.5	±	0.5	4.5	±	0.5
Lymph%	%	39.0	±	7.0	37.5	±	7.0	37.4	±	7.0	/	±	/	39.5	±	7.0	39.9	±	7.0	41.3	±	7.0
Mid%	%	9.5	±	9.5	8.5	±	8.5	8.2	±	8.2	/	±	/	5.7	±	5.7	9.3	±	9.3	7.4	±	7.4
Gran%	%	51.5	±	7.0	54.0	±	7.0	54.4	±	7.0	/	±	/	54.8	±	7.0	50.8	±	7.0	51.3	±	7.0

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

# B30 CONTROL

FOR MINDRAY HEMATOLOGY ANALYZERS

LOT BC20124H-1  2024-06-24

## 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	$\times 10^9/L$	19.4	±	2.0	18.9	±	2.0	19.1	±	2.0	/	±	/	18.7	±	2.0	19.9	±	2.0	19.2	±	2.0
RBC	$\times 10^{12}/L$	5.26	±	0.40	5.27	±	0.40	5.48	±	0.40	/	±	/	4.89	±	0.40	5.00	±	0.40	5.09	±	0.40
HGB	g/L	164	±	6	161	±	6	167	±	6	/	±	/	159	±	6	162	±	6	162	±	6
HCT	%	46.6	±	5.0	46.8	±	5.0	48.7	±	5.0	/	±	/	43.7	±	5.0	46.0	±	5.0	46.3	±	5.0
MCV	fL	88.6	±	5.0	88.8	±	5.0	88.9	±	5.0	/	±	/	89.3	±	5.0	91.9	±	5.0	91.0	±	5.0
MCH	pg	31.2	±	4.0	30.6	±	4.0	30.5	±	4.0	/	±	/	32.5	±	4.0	32.4	±	4.0	31.8	±	4.0
MCHC	g/L	352	±	50	344	±	50	343	±	50	/	±	/	364	±	50	353	±	50	350	±	50
PLT	$\times 10^9/L$	580	±	50	535	±	50	543	±	50	/	±	/	568	±	50	620	±	50	660	±	50
Lymph#	$\times 10^9/L$	3.3	±	1.0	3.0	±	1.0	3.1	±	1.0	/	±	/	3.3	±	1.0	3.4	±	1.0	3.5	±	1.0
Mid#	$\times 10^9/L$	1.7	±	0.7	1.5	±	0.7	1.5	±	0.7	/	±	/	1.1	±	0.7	1.9	±	0.7	1.3	±	0.7
Gran#	$\times 10^9/L$	14.4	±	1.0	14.4	±	1.0	14.5	±	1.0	/	±	/	14.3	±	1.0	14.6	±	1.0	14.4	±	1.0
Lymph%	%	17.0	±	7.0	16.1	±	7.0	16.0	±	7.0	/	±	/	17.6	±	7.0	17.0	±	7.0	18.1	±	7.0
Mid%	%	9.0	±	9.0	7.7	±	7.7	7.8	±	7.8	/	±	/	6.1	±	6.1	9.4	±	9.4	7.0	±	7.0
Gran%	%	74.0	±	7.0	76.2	±	7.0	76.2	±	7.0	/	±	/	76.3	±	7.0	73.6	±	7.0	74.9	±	7.0

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