

CBC-3D

HEMATOLOGY CONTROL

Assay values and ranges provided by DYMIND

CONTROL

LOT B0522

2022-04-08

2022-08-05

Instrument	Parameter	Unit	Low		Normal		High	
DYMIND	WBC	$\times 10^9/L$	1.89	± 0.60	7.87	± 1.00	20.90	± 2.50
DH31	Lym%	%	60.2	± 9.0	31.5	± 8.0	13.1	± 8.0
DH33	Gran%	%	28.2	± 9.0	59.6	± 8.0	81.8	± 8.0
DH36	Mid%	%	11.6	± 10.0	8.9	± 6.0	5.1	± 4.0
(Technical File Version A5.0 or higher)	Lym#	$\times 10^9/L$	1.14	± 0.30	2.48	± 0.70	2.74	± 2.00
	Gran#	$\times 10^9/L$	0.53	± 0.30	4.69	± 0.70	17.09	± 2.00
DH31Vet	Mid#	$\times 10^9/L$	0.22	± 0.20	0.70	± 0.50	1.07	± 0.50
DH36Vet	RBC	$\times 10^{12}/L$	2.34	± 0.24	4.92	± 0.24	5.97	± 0.30
Technical File Version A1.0 to A4.0)	HGB	g/L	57	± 6	138	± 6	189	± 8
	HCT	%	18.0	± 2.0	43.5	± 3.0	58.4	± 4.0
	MCV	fL	76.9	± 5.0	88.4	± 5.0	97.8	± 5.0
	MCH	pg	24.0	± 2.5	27.6	± 2.5	31.2	± 2.5
	MCHC	g/L	316	± 30	315	± 30	323	± 30
	RDW-CV	%	17.5	± 3.0	17.4	± 3.0	15.8	± 3.0
	RDW-SD	fL	45.7	± 8.0	52.3	± 8.0	52.7	± 8.0
	PLT	$\times 10^9/L$	76	± 20	260	± 40	523	± 60
	MPV	fL	9.7	± 3.0	10.0	± 3.0	9.6	± 3.0
	PDW	fL	12.2	± 3.0	13.5	± 3.0	12.7	± 3.0
	PCT	%	0.073	± 0.073	0.259	± 0.200	0.496	± 0.200
	P-LCR	%	25.5	± 10.0	28.4	± 10.0	25.1	± 10.0
	P-LCC	$\times 10^9/L$	19	± 15	73	± 25	130	± 30
	PDW	/	16.1	± 3.0	16.3	± 3.0	16.4	± 3.0

【NOTE】

1. The controls should be stored in refrigerator (2~8°C). After opening, it will keep stable for 14 days when it is stored airtight at 2~8°C.
2. Before mixing and running the control after take it out from the refrigerator, please keep it at least 15 minutes until reaching room temperature(15~30°C).
3. Controls must be well mixed before using. Please mix gently, to avoid cells rupture and/or generating bubbles.
4. After using, put the controls back into the refrigerator to prevent contamination and evaporation.



Low



Normal



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DYMIND	WBC	$\times 10^9/L$	1.89	± 0.60	7.74	± 1.00	20.49	± 2.50
DH20	Lym%	%	62.0	± 9.0	31.4	± 8.0	12.6	± 8.0
DH21	Gran%	%	28.0	± 9.0	61.6	± 8.0	83.0	± 8.0
DH22	Mid%	%	10.0	± 10.0	7.0	± 6.0	4.4	± 4.0
DH23	Lym#	$\times 10^9/L$	1.17	± 0.30	2.43	± 0.70	2.58	± 2.00
DH25	Gran#	$\times 10^9/L$	0.53	± 0.30	4.77	± 0.70	17.01	± 2.00
DH26	Mid#	$\times 10^9/L$	0.19	± 0.19	0.54	± 0.50	0.90	± 0.50
(Technical File Version A1.0 or higher)	RBC	$\times 10^{12}/L$	2.33	± 0.24	4.79	± 0.24	5.80	± 0.30
	HGB	g/L	55	± 6	135	± 6	187	± 8
	HCT	%	17.4	± 2.0	39.5	± 3.0	52.6	± 4.0
	MCV	fL	74.8	± 5.0	82.4	± 5.0	90.8	± 5.0
	MCH	pg	23.6	± 2.5	28.4	± 2.5	32.4	± 2.5
	MCHC	g/L	322	± 30	349	± 30	361	± 30
	RDW-CV	%	16.8	± 3.0	15.7	± 3.0	14.0	± 3.0
	RDW-SD	fL	46.5	± 8.0	48.1	± 8.0	47.3	± 8.0
	PLT	$\times 10^9/L$	72	± 20	264	± 40	541	± 60
	MPV	fL	10.8	± 3.0	10.7	± 3.0	10.1	± 3.0
	PDW	fL	11.5	± 3.0	12.3	± 3.0	11.8	± 3.0
	PCT	%	0.079	± 0.079	0.285	± 0.200	0.554	± 0.200
	P-LCR	%	32.9	± 10.0	32.2	± 10.0	28.5	± 10.0
	P-LCC	$\times 10^9/L$	24	± 15	86	± 25	156	± 30

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2. Before mixing and running the control after take it out from the refrigerator, please keep it at least 15 minutes until reaching room temperature(15~30°C).
3. Controls must be well mixed before using. Please mix gently, to avoid cells rupture and/or generating bubbles.
4. After using, put the controls back into the refrigerator to prevent contamination and evaporation.



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DYMIND DH31Vet DH36Vet (Technical File Version A5.0 or higher)	WBC	×10 ⁹ /L	1.83	±0.60	7.63	±1.00	20.10	±2.50
	Lym%	%	58.0	±9.0	29.6	±8.0	12.4	±8.0
	Gran%	%	29.7	±9.0	61.9	±8.0	83.6	±8.0
	Mid%	%	12.3	±10.0	8.5	±6.0	4.0	±4.0
	Lym#	×10 ⁹ /L	1.06	±0.30	2.26	±0.70	2.49	±2.00
	Gran#	×10 ⁹ /L	0.54	±0.30	4.72	±0.70	16.81	±2.00
	Mid#	×10 ⁹ /L	0.23	±0.20	0.65	±0.50	0.80	±0.50
	RBC	×10 ¹² /L	2.27	±0.24	4.71	±0.24	5.66	±0.30
	HGB	g/L	55	±6	131	±6	179	±8
	HCT	%	18.4	±2.0	42.5	±3.0	56.7	±4.0
	MCV	fL	81.1	±5.0	90.4	±5.0	100.1	±5.0
	MCH	pg	24.1	±2.5	27.9	±2.5	31.6	±2.5
	MCHC	g/L	302	±30	312	±30	320	±30
	RDW-CV	%	16.3	±3.0	14.9	±3.0	13.4	±3.0
	RDW-SD	fL	51.6	±8.0	52.9	±8.0	52.2	±8.0
	PLT	×10 ⁹ /L	68	±20	257	±40	529	±60
	MPV	fL	11.3	±3.0	11.8	±3.0	11.2	±3.0
	PDW	fL	12.0	±3.0	12.5	±3.0	11.8	±3.0
PCT	%	0.076	±0.076	0.302	±0.200	0.594	±0.200	

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Instrument	Parameter	Unit	Low		Normal		High	
DYMIND DH36X (Technical File Version A1.0 or higher)	WBC	×10 ⁹ /L	1.92	±0.60	7.94	±1.00	20.74	±2.50
	Lym%	%	67.8	±9.0	36.5	±8.0	15.7	±8.0
	Gran%	%	28.2	±9.0	59.5	±8.0	80.3	±8.0
	Mid%	%	4.0	±4.0	4.0	±4.0	4.0	±4.0
	Lym#	×10 ⁹ /L	1.30	±0.30	2.90	±0.70	3.26	±2.00
	Gran#	×10 ⁹ /L	0.54	±0.30	4.72	±0.70	16.65	±2.00
	Mid#	×10 ⁹ /L	0.08	±0.08	0.32	±0.32	0.83	±0.50
	RBC	×10 ¹² /L	2.34	±0.24	4.80	±0.24	5.77	±0.30
	HGB	g/L	56	±6	135	±6	184	±8
	HCT	%	17.9	±2.0	41.0	±3.0	54.3	±4.0
	MCV	fL	76.8	±5.0	85.4	±5.0	94.2	±5.0
	MCH	pg	24.4	±2.5	28.7	±2.5	32.6	±2.5
	MCHC	g/L	322	±30	339	±30	350	±30
	RDW-CV	%	17.3	±3.0	15.8	±3.0	14.3	±3.0
	RDW-SD	fL	49.4	±8.0	50.4	±8.0	49.9	±8.0
	PLT	×10 ⁹ /L	72	±20	262	±40	536	±60
	MPV	fL	10.0	±3.0	10.5	±3.0	10.0	±3.0
	PDW	fL	14.3	±3.0	14.7	±3.0	14.0	±3.0
	PCT	%	0.072	±0.072	0.274	±0.200	0.535	±0.200
	P-LCR	%	33.0	±10.0	36.1	±10.0	32.6	±10.0
P-LCC	×10 ⁹ /L	24	±15	95	±25	175	±30	

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