

DM-3D

HEMATOLOGY CONTROL

Assay values and ranges provided by DYMIND

CONTROL

LOT B0521

2021-04-13

2021-08-10

Instrument	Parameter	Unit	Low		Normal		High	
DYMIND	WBC	×10 ⁹ /L	1.97	±0.60	7.89	±1.00	21.04	±2.50
DH31	Lym%	%	63.7	±9.0	33.6	±9.0	13.7	±9.0
DH33	Gran%	%	28.9	±9.0	58.4	±8.0	81.4	±8.0
DH36	Mid%	%	7.4	±7.4	8.0	±8.0	4.9	±4.9
(Technical File Version A5.0 or higher)	Lym#	×10 ⁹ /L	1.26	±0.50	2.65	±1.20	2.88	±2.50
	Gran#	×10 ⁹ /L	0.57	±0.30	4.61	±0.70	17.13	±2.00
DH36Vet (Technical File Version A1.0 to A4.0)	Mid#	×10 ⁹ /L	0.15	±0.15	0.63	±0.60	1.03	±1.00
	RBC	×10 ¹² /L	2.39	±0.24	4.70	±0.24	5.82	±0.30
	HGB	g/L	58	±6	135	±6	187	±8
	HCT	%	18.6	±2.0	43.3	±3.0	58.3	±4.0
	MCV	fL	78.2	±5.0	92.2	±5.0	100.3	±5.0
	MCH	pg	24.3	±2.5	28.8	±2.5	32.2	±2.5
	MCHC	g/L	311	±30	313	±30	321	±30
	RDW-CV	%	15.4	±3.0	14.0	±3.0	13.2	±3.0
	RDW-SD	fL	48.5	±8.0	52.3	±8.0	53.8	±8.0
	PLT	×10 ⁹ /L	70	±20	260	±40	505	±60
	MPV	fL	9.1	±3.0	10.1	±3.0	9.8	±3.0
	PDW	/	15.9	±3.0	16.1	±3.0	16.2	±3.0
	PDW	fL	11.0	±3.0	12.9	±3.0	12.8	±3.0
	PCT	%	0.064	±0.064	0.264	±0.200	0.503	±0.200
	P-LCR	%	21.2	±10.0	28.1	±10.0	26.1	±10.0
	P-LCC	×10 ⁹ /L	15	±15	74	±25	135	±30

【NOTE】

1. The controls should be stored in refrigerator (2~8℃). After opening, it will keep stable for 14 days when it is stored airtight at 2~8℃.
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℃).
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	WBC	$\times 10^9/L$	2.01	± 0.60	7.87	± 1.00	20.86	± 2.50
DH20	Lym%	%	64.7	± 9.0	32.5	± 8.0	13.2	± 8.0
DH21	Gran%	%	28.8	± 9.0	60.3	± 8.0	81.8	± 8.0
DH22	Mid%	%	6.5	± 6.5	7.2	± 6.0	5.0	± 4.0
DH23	Lym#	$\times 10^9/L$	1.30	± 0.30	2.56	± 0.70	2.75	± 2.00
DH25	Gran#	$\times 10^9/L$	0.58	± 0.30	4.75	± 0.70	17.06	± 2.00
DH26	Mid#	$\times 10^9/L$	0.13	± 0.13	0.57	± 0.50	1.04	± 0.50
(Technical File Version A1.0 or higher)	RBC	$\times 10^{12}/L$	2.41	± 0.24	4.63	± 0.24	5.67	± 0.30
	HGB	g/L	58	± 6	137	± 6	189	± 8
	HCT	%	18.2	± 2.0	39.7	± 3.0	52.6	± 4.0
	MCV	fL	75.3	± 5.0	85.8	± 5.0	92.8	± 5.0
	MCH	pg	24.0	± 2.5	29.5	± 2.5	33.3	± 2.5
	MCHC	g/L	319	± 30	344	± 30	358	± 30
	RDW-CV	%	17.4	± 3.0	15.0	± 3.0	14.0	± 3.0
	RDW-SD	fL	48.8	± 8.0	47.7	± 8.0	48.2	± 8.0
	PLT	$\times 10^9/L$	61	± 20	257	± 40	515	± 60
	MPV	fL	9.5	± 3.0	10.6	± 3.0	10.3	± 3.0
	PDW	fL	9.6	± 3.0	11.8	± 3.0	11.6	± 3.0
	PCT	%	0.059	± 0.059	0.279	± 0.200	0.539	± 0.200
	P-LCR	%	23.5	± 10.0	31.3	± 10.0	29.1	± 10.0
	P-LCC	$\times 10^9/L$	15	± 15	82	± 25	153	± 30

【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






High

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Instrument	Parameter	Unit	Low	Normal	High
DYMIND DH36Vet (Technical File Version A5.0 or higher)	WBC	×10 ⁹ /L	1.89 ±0.60	7.52 ±1.00	20.01 ±2.50
	Lym%	%	60.6 ±9.0	31.2 ±8.0	13.2 ±8.0
	Gran%	%	29.7 ±9.0	60.6 ±8.0	82.9 ±8.0
	Mid%	%	9.7 ±9.7	8.2 ±6.0	3.9 ±3.9
	Lym#	×10 ⁹ /L	1.15 ±0.30	2.35 ±0.70	2.64 ±2.00
	Gran#	×10 ⁹ /L	0.56 ±0.30	4.56 ±0.70	16.59 ±2.00
	Mid#	×10 ⁹ /L	0.18 ±0.18	0.62 ±0.50	0.78 ±0.50
	RBC	×10 ¹² /L	2.35 ±0.24	4.58 ±0.24	5.65 ±0.30
	HGB	g/L	55 ±6	128 ±6	177 ±8
	HCT	%	18.9 ±2.0	42.2 ±3.0	56.5 ±4.0
	MCV	fL	80.6 ±5.0	92.2 ±5.0	99.9 ±5.0
	MCH	pg	23.4 ±2.5	28.0 ±2.5	31.3 ±2.5
	MCHC	g/L	291 ±30	304 ±30	314 ±30
	RDW-CV	%	16.9 ±3.0	14.2 ±3.0	13.3 ±3.0
	RDW-SD	fL	54.2 ±8.0	52.1 ±8.0	52.5 ±8.0
	PLT	×10 ⁹ /L	67 ±20	261 ±40	534 ±60
	MPV	fL	10.9 ±3.0	12.0 ±3.0	11.8 ±3.0
	PDW	fL	10.6 ±3.0	12.2 ±3.0	12.1 ±3.0
	PCT	%	0.073 ±0.073	0.314 ±0.200	0.627 ±0.200

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1. The controls should be stored in refrigerator (2~8℃). After opening, it will keep stable for 14 days when it is stored airtight at 2~8℃.
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DYMIND DH36X (Technical File Version A1.0)	WBC	×10 ⁹ /L	1.98 ±0.60	7.93 ±1.00	21.06 ±2.50
	Lym%	%	68.9 ±9.0	37.7 ±8.0	16.2 ±8.0
	Gran%	%	29.3 ±9.0	59.4 ±8.0	81.3 ±8.0
	Mid%	%	1.8 ±1.8	2.9 ±2.9	2.5 ±2.5
	Lym#	×10 ⁹ /L	1.36 ±0.30	2.99 ±0.70	3.41 ±2.00
	Gran#	×10 ⁹ /L	0.58 ±0.30	4.71 ±0.70	17.12 ±2.00
	Mid#	×10 ⁹ /L	0.04 ±0.04	0.23 ±0.23	0.53 ±0.50
	RBC	×10 ¹² /L	2.42 ±0.24	4.65 ±0.24	5.69 ±0.30
	HGB	g/L	58 ±6	135 ±6	185 ±8
	HCT	%	18.9 ±2.0	41.7 ±3.0	55.1 ±4.0
	MCV	fL	78.3 ±5.0	89.6 ±5.0	96.7 ±5.0
	MCH	pg	24.0 ±2.5	29.1 ±2.5	32.6 ±2.5
	MCHC	g/L	307 ±30	324 ±30	337 ±30
	RDW-CV	%	18.1 ±3.0	15.2 ±3.0	14.2 ±3.0
	RDW-SD	fL	52.7 ±8.0	50.6 ±8.0	50.8 ±8.0
	PLT	×10 ⁹ /L	65 ±20	262 ±40	526 ±60
	MPV	fL	9.0 ±3.0	10.5 ±3.0	10.2 ±3.0
	PDW	fL	12.2 ±3.0	14.2 ±3.0	14.4 ±3.0
	PCT	%	0.060 ±0.060	0.280 ±0.200	0.547 ±0.200
	P-LCR	%	25.9 ±10.0	36.0 ±10.0	34.2 ±10.0
P-LCC	×10 ⁹ /L	17 ±15	96 ±25	184 ±30	

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Instrument	Parameter	Unit	Low	Normal	High
DYMIND DH36X (Technical File Version A2.0 or higher)	WBC	×10 ⁹ /L	2.00 ±0.60	7.84 ±1.00	20.63 ±2.50
	Lym%	%	68.6 ±9.0	37.5 ±8.0	16.2 ±8.0
	Gran%	%	29.6 ±9.0	59.4 ±8.0	81.2 ±8.0
	Mid%	%	1.8 ±1.8	3.1 ±3.1	2.6 ±2.6
	Lym#	×10 ⁹ /L	1.37 ±0.30	2.94 ±0.70	3.34 ±2.00
	Gran#	×10 ⁹ /L	0.59 ±0.30	4.66 ±0.70	16.75 ±2.00
	Mid#	×10 ⁹ /L	0.04 ±0.04	0.24 ±0.24	0.54 ±0.50
	RBC	×10 ¹² /L	2.40 ±0.24	4.59 ±0.24	5.58 ±0.30
	HGB	g/L	58 ±6	134 ±6	182 ±8
	HCT	%	18.6 ±2.0	40.7 ±3.0	53.5 ±4.0
	MCV	fL	77.6 ±5.0	88.7 ±5.0	95.8 ±5.0
	MCH	pg	24.0 ±2.5	29.1 ±2.5	32.6 ±2.5
	MCHC	g/L	310 ±30	328 ±30	341 ±30
	RDW-CV	%	18.0 ±3.0	15.1 ±3.0	14.1 ±3.0
	RDW-SD	fL	51.7 ±8.0	49.6 ±8.0	50.0 ±8.0
	PLT	×10 ⁹ /L	65 ±20	254 ±40	511 ±60
	MPV	fL	9.1 ±3.0	10.5 ±3.0	10.1 ±3.0
	PDW	fL	11.9 ±3.0	14.0 ±3.0	14.0 ±3.0
	PCT	%	0.062 ±0.062	0.277 ±0.200	0.539 ±0.200
	P-LCR	%	25.8 ±10.0	36.1 ±10.0	33.7 ±10.0
P-LCC	×10 ⁹ /L	18 ±15	96 ±25	179 ±30	

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