

DM-3D

HEMATOLOGY CONTROL

Assay values and ranges provided by DYMIND

CONTROL

LOT B0821

2021-07-14

2021-11-10

Instrument	Parameter	Unit	Low		Normal		High	
DYMIND	WBC	×10 ⁹ /L	2.12	±0.60	7.97	±1.00	21.20	±2.50
DH31	Lym%	%	59.4	±9.0	31.9	±8.0	14.8	±8.0
DH33	Gran%	%	29.0	±9.0	61.9	±8.0	82.1	±8.0
DH36	Mid%	%	11.6	±10.0	6.2	±6.0	3.1	±3.1
(Technical File Version A5.0 or higher)	Lym#	×10 ⁹ /L	1.26	±0.30	2.54	±0.70	3.14	±2.00
	Gran#	×10 ⁹ /L	0.62	±0.30	4.93	±0.70	17.40	±2.00
DH36Vet (Technical File Version A1.0 to A4.0)	Mid#	×10 ⁹ /L	0.25	±0.20	0.49	±0.49	0.66	±0.50
	RBC	×10 ¹² /L	2.42	±0.24	4.89	±0.24	6.13	±0.30
	HGB	g/L	58	±6	137	±6	192	±8
	HCT	%	18.6	±2.0	43.5	±3.0	59.7	±4.0
	MCV	fL	76.7	±5.0	88.8	±5.0	97.4	±5.0
	MCH	pg	23.8	±2.5	28.0	±2.5	31.3	±2.5
	MCHC	g/L	310	±30	315	±30	322	±30
	RDW-CV	%	15.2	±3.0	14.7	±3.0	13.9	±3.0
	RDW-SD	fL	47.0	±8.0	52.6	±8.0	54.6	±8.0
	PLT	×10 ⁹ /L	71	±20	268	±40	524	±60
	MPV	fL	9.1	±3.0	9.4	±3.0	9.4	±3.0
	PDW	/	16.0	±3.0	16.2	±3.0	16.4	±3.0
	PDW	fL	11.5	±3.0	12.0	±3.0	12.3	±3.0
	PCT	%	0.066	±0.066	0.255	±0.200	0.505	±0.200
	P-LCR	%	21.9	±10.0	23.1	±10.0	24.1	±10.0
	P-LCC	×10 ⁹ /L	16	±15	63	±25	129	±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.



Low



Normal



High

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DYMIND	WBC	$\times 10^9/L$	2.16	± 0.60	7.96	± 1.00	21.15	± 2.50
DH20	Lym%	%	61.0	± 9.0	31.1	± 8.0	13.8	± 8.0
DH21	Gran%	%	28.6	± 9.0	64.6	± 8.0	81.0	± 8.0
DH22	Mid%	%	10.4	± 10.0	4.3	± 4.3	5.2	± 4.0
DH23	Lym#	$\times 10^9/L$	1.32	± 0.30	2.48	± 0.70	2.92	± 2.00
DH25	Gran#	$\times 10^9/L$	0.62	± 0.30	5.14	± 0.70	17.14	± 2.00
DH26	Mid#	$\times 10^9/L$	0.22	± 0.20	0.34	± 0.34	1.10	± 0.50
(Technical File Version A1.0 or higher)	RBC	$\times 10^{12}/L$	2.46	± 0.24	4.80	± 0.24	5.94	± 0.30
	HGB	g/L	56	± 6	137	± 6	192	± 8
	HCT	%	18.2	± 2.0	39.8	± 3.0	53.6	± 4.0
	MCV	fL	73.9	± 5.0	82.9	± 5.0	90.4	± 5.0
	MCH	pg	23.0	± 2.5	28.5	± 2.5	32.4	± 2.5
	MCHC	g/L	310	± 30	344	± 30	359	± 30
	RDW-CV	%	17.2	± 3.0	15.7	± 3.0	14.5	± 3.0
	RDW-SD	fL	47.4	± 8.0	48.2	± 8.0	48.3	± 8.0
	PLT	$\times 10^9/L$	65	± 20	267	± 40	537	± 60
	MPV	fL	9.9	± 3.0	9.9	± 3.0	9.9	± 3.0
	PDW	fL	10.2	± 3.0	10.9	± 3.0	11.2	± 3.0
	PCT	%	0.066	± 0.066	0.270	± 0.200	0.542	± 0.200
	P-LCR	%	26.4	± 10.0	26.4	± 10.0	26.8	± 10.0
	P-LCC	$\times 10^9/L$	18	± 15	72	± 25	147	± 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.



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Instrument	Parameter	Unit	Low		Normal		High	
DYMIND DH36Vet (Technical File Version A5.0 or higher)	WBC	×10 ⁹ /L	2.11	±0.60	7.92	±1.00	20.84	±2.50
	Lym%	%	57.8	±9.0	30.1	±8.0	13.5	±8.0
	Gran%	%	30.7	±9.0	64.9	±8.0	83.8	±8.0
	Mid%	%	11.5	±10.0	5.0	±5.0	2.7	±2.7
	Lym#	×10 ⁹ /L	1.22	±0.30	2.38	±0.70	2.81	±2.00
	Gran#	×10 ⁹ /L	0.65	±0.30	5.14	±0.70	17.47	±2.00
	Mid#	×10 ⁹ /L	0.24	±0.20	0.40	±0.40	0.56	±0.50
	RBC	×10 ¹² /L	2.38	±0.24	4.73	±0.24	5.84	±0.30
	HGB	g/L	56	±6	132	±6	184	±8
	HCT	%	19.2	±2.0	43.0	±3.0	57.7	±4.0
	MCV	fL	80.4	±5.0	90.8	±5.0	98.7	±5.0
	MCH	pg	23.4	±2.5	28.0	±2.5	31.4	±2.5
	MCHC	g/L	291	±30	308	±30	318	±30
	RDW-CV	%	16.5	±3.0	14.8	±3.0	13.6	±3.0
	RDW-SD	fL	52.2	±8.0	52.6	±8.0	52.5	±8.0
	PLT	×10 ⁹ /L	68	±20	267	±40	538	±60
	MPV	fL	11.2	±3.0	11.3	±3.0	11.3	±3.0
	PDW	fL	10.9	±3.0	11.4	±3.0	11.8	±3.0
PCT	%	0.079	±0.079	0.309	±0.200	0.625	±0.200	

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3. Controls must be well mixed before using. Please mix gently, to avoid cells rupture and/or generating bubbles.
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Instrument	Parameter	Unit	Low		Normal		High	
DYMIND DH36X (Technical File Version A1.0 or higher)	WBC	×10 ⁹ /L	2.20	±0.60	8.07	±1.00	21.26	±2.50
	Lym%	%	67.6	±9.0	35.0	±8.0	16.0	±8.0
	Gran%	%	28.7	±9.0	60.9	±8.0	80.8	±8.0
	Mid%	%	3.7	±3.7	4.1	±4.1	3.2	±3.2
	Lym#	×10 ⁹ /L	1.49	±0.30	2.82	±0.70	3.40	±2.00
	Gran#	×10 ⁹ /L	0.63	±0.30	4.92	±0.70	17.18	±2.00
	Mid#	×10 ⁹ /L	0.08	±0.08	0.33	±0.33	0.68	±0.50
	RBC	×10 ¹² /L	2.47	±0.24	4.86	±0.24	5.97	±0.30
	HGB	g/L	57	±6	136	±6	188	±8
	HCT	%	18.9	±2.0	42.0	±3.0	56.0	±4.0
	MCV	fL	76.4	±5.0	86.3	±5.0	93.7	±5.0
	MCH	pg	23.2	±2.5	27.9	±2.5	31.5	±2.5
	MCHC	g/L	304	±30	324	±30	336	±30
	RDW-CV	%	17.6	±3.0	15.7	±3.0	14.4	±3.0
	RDW-SD	fL	50.4	±8.0	50.5	±8.0	50.5	±8.0
	PLT	×10 ⁹ /L	69	±20	262	±40	526	±60
	MPV	fL	9.4	±3.0	9.8	±3.0	9.8	±3.0
	PDW	fL	12.6	±3.0	13.2	±3.0	13.5	±3.0
	PCT	%	0.068	±0.068	0.268	±0.200	0.539	±0.200
	P-LCR	%	28.8	±10.0	30.9	±10.0	31.3	±10.0
P-LCC	×10 ⁹ /L	21	±15	85	±25	171	±30	

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