

CBC-DH

HEMATOLOGY CONTROL

Reference Values provided by DYMIND

CONTROL

LOT DH2509

2025-08-08

2025-11-05

Applicable Instruments	Parameter	Unit	Low	Normal	High
DYMIND D1-CRP D3-CRP D5-CRP DH51CRP DH53CRP DH56CRP (Technical File Version A9.0 to A11.9)	WBC	$\times 10^9/L$	3.35 ± 0.50	8.14 ± 1.00	19.07 ± 2.50
	Neu%	%	48.6 ± 9.0	56.0 ± 8.0	64.8 ± 7.0
	Lym%	%	38.2 ± 9.0	30.5 ± 8.0	20.7 ± 6.0
	Mon%	%	7.8 ± 4.0	7.1 ± 5.0	7.2 ± 6.0
	Eos%	%	5.4 ± 5.0	6.4 ± 6.0	7.3 ± 7.0
	Bas%	%	64.4 ± 8.0	71.4 ± 8.0	81.0 ± 8.0
	Neu#	$\times 10^9/L$	1.63 ± 0.40	4.56 ± 0.70	12.36 ± 1.40
	Lym#	$\times 10^9/L$	1.28 ± 0.40	2.48 ± 0.70	3.95 ± 1.10
	Mon#	$\times 10^9/L$	0.26 ± 0.14	0.58 ± 0.50	1.37 ± 1.10
	Eos#	$\times 10^9/L$	0.18 ± 0.15	0.52 ± 0.50	1.39 ± 1.30
	Bas#	$\times 10^9/L$	2.16 ± 0.30	5.81 ± 0.70	15.45 ± 1.50
	RBC	$\times 10^{12}/L$	2.25 ± 0.18	4.57 ± 0.24	5.47 ± 0.50
	HGB	g/L	57 ± 4	131 ± 6	166 ± 8
	HCT	%	18.3 ± 2.0	41.0 ± 3.0	51.6 ± 4.0
	MCV	fL	81.5 ± 5.0	89.7 ± 5.0	94.4 ± 6.0
	MCH	pg	25.7 ± 2.5	28.9 ± 2.5	30.5 ± 2.5
	MCHC	g/L	315 ± 30	325 ± 30	328 ± 30
	RDW-CV	%	18.5 ± 3.0	16.5 ± 3.0	17.0 ± 3.0
	RDW-SD	fL	52.2 ± 10.0	50.7 ± 10.0	55.0 ± 12.0
	PLT	$\times 10^9/L$	45 ± 20	245 ± 40	509 ± 60
	MPV	fL	10.0 ± 3.0	9.7 ± 3.0	9.6 ± 3.0
	PDW	fL	11.1 ± 3.0	12.1 ± 3.0	11.5 ± 3.0
	PCT	%	0.045 ± 0.045	0.238 ± 0.100	0.489 ± 0.200
	P-LCR	%	24.5 ± 8.0	25.1 ± 8.0	23.9 ± 8.0
	P-LCC	$\times 10^9/L$	11 ± 11	61 ± 25	122 ± 35
	PDW	/	9.9 ± 3.0	10.0 ± 3.0	10.1 ± 3.0

【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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Applicable Instruments	Parameter	Unit	Low	Normal	High
DYMIND D1-CRP D3-CRP D5-CRP DH51CRP DH53CRP DH56CRP (Technical File Version A11.11 or higher)	WBC	×10 ⁹ /L	3.57 ±0.50	8.78 ±1.00	20.76 ±2.50
	Neu%	%	50.1 ±9.0	56.0 ±8.0	65.0 ±7.0
	Lym%	%	37.1 ±9.0	30.3 ±8.0	20.3 ±6.0
	Mon%	%	7.5 ±4.0	7.5 ±5.0	7.3 ±6.0
	Eos%	%	5.3 ±5.0	6.2 ±6.0	7.4 ±7.0
	Bas%	%	64.8 ±8.0	71.6 ±8.0	81.0 ±8.0
	Neu#	×10 ⁹ /L	1.79 ±0.40	4.92 ±0.70	13.49 ±1.40
	Lym#	×10 ⁹ /L	1.32 ±0.40	2.66 ±0.70	4.21 ±1.10
	Mon#	×10 ⁹ /L	0.27 ±0.14	0.66 ±0.50	1.52 ±1.10
	Eos#	×10 ⁹ /L	0.19 ±0.15	0.54 ±0.50	1.54 ±1.30
	Bas#	×10 ⁹ /L	2.31 ±0.30	6.29 ±0.70	16.82 ±1.50
	RBC	×10 ¹² /L	2.19 ±0.18	4.50 ±0.24	5.40 ±0.50
	HGB	g/L	55 ±4	129 ±6	165 ±8
	HCT	%	18.0 ±2.0	40.2 ±3.0	50.9 ±4.0
	MCV	fL	82.2 ±5.0	89.3 ±5.0	94.3 ±6.0
	MCH	pg	25.4 ±2.5	28.8 ±2.5	30.7 ±2.5
	MCHC	g/L	310 ±30	322 ±30	325 ±30
	RDW-CV	%	17.9 ±3.0	15.7 ±3.0	16.1 ±3.0
	RDW-SD	fL	54.0 ±10.0	52.0 ±10.0	56.2 ±12.0
	PLT	×10 ⁹ /L	47 ±20	237 ±40	497 ±60
	MPV	fL	10.3 ±3.0	9.7 ±3.0	9.4 ±3.0
	PDW	fL	10.8 ±3.0	11.6 ±3.0	11.1 ±3.0
	PCT	%	0.048 ±0.048	0.230 ±0.100	0.467 ±0.200
	P-LCR	%	25.7 ±8.0	24.3 ±8.0	22.8 ±8.0
	P-LCC	×10 ⁹ /L	12 ±12	58 ±25	113 ±35

【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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LOT DH2509

 2025-08-08

 2025-11-05

Applicable Instruments	Parameter	Unit	Low	Normal	High
DYMIND UN71 UN73 UN76 DH73 Technical File Version A5.5 to A6.2)	WBC	$\times 10^9/L$	3.47 ± 0.50	8.03 ± 1.00	18.95 ± 2.50
	Neu%	%	49.8 ± 9.0	55.6 ± 8.0	65.8 ± 7.0
	Lym%	%	37.9 ± 9.0	31.5 ± 8.0	21.3 ± 6.0
	Mon%	%	6.5 ± 4.0	6.9 ± 5.0	6.8 ± 6.0
	Eos%	%	5.0 ± 5.0	5.1 ± 5.1	5.2 ± 5.2
	Bas%	%	0.8 ± 0.8	0.9 ± 0.9	0.9 ± 0.9
	Neu#	$\times 10^9/L$	1.72 ± 0.40	4.47 ± 0.70	12.46 ± 1.40
	Lym#	$\times 10^9/L$	1.32 ± 0.40	2.53 ± 0.70	4.04 ± 1.10
	Mon#	$\times 10^9/L$	0.23 ± 0.14	0.55 ± 0.50	1.29 ± 1.10
	Eos#	$\times 10^9/L$	0.17 ± 0.15	0.41 ± 0.41	0.99 ± 0.99
	Bas#	$\times 10^9/L$	0.03 ± 0.03	0.07 ± 0.07	0.17 ± 0.17
	RBC	$\times 10^{12}/L$	2.11 ± 0.18	4.23 ± 0.24	5.03 ± 0.50
	HGB	g/L	58 ± 4	134 ± 6	169 ± 8
	HCT	%	17.2 ± 2.0	37.8 ± 3.0	47.4 ± 4.0
	MCV	fL	81.5 ± 5.0	89.4 ± 5.0	94.3 ± 6.0
	MCH	pg	28.4 ± 2.5	32.8 ± 2.5	34.7 ± 2.5
	MCHC	g/L	347 ± 30	355 ± 30	358 ± 30
	RDW-CV	%	18.5 ± 3.0	16.5 ± 3.0	17.0 ± 3.0
	RDW-SD	fL	56.8 ± 10.0	55.3 ± 10.0	59.8 ± 12.0
	PLT	$\times 10^9/L$	53 ± 20	226 ± 40	452 ± 60
	MPV	fL	9.6 ± 3.0	9.9 ± 3.0	9.6 ± 3.0
	PDW	fL	11.9 ± 3.0	11.9 ± 3.0	11.5 ± 3.0
	PCT	%	0.051 ± 0.050	0.224 ± 0.100	0.434 ± 0.200
	P-LCR	%	24.8 ± 8.0	25.7 ± 8.0	24.1 ± 8.0
	P-LCC	$\times 10^9/L$	13 ± 13	58 ± 25	109 ± 35

【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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 2025-08-08

 2025-11-05

Applicable Instruments	Parameter	Unit	Low		Normal		High	
DYMIND UN71 UN73 UN76 DH73 (Technical File Version A6.3 or higher)	WBC	$\times 10^9/L$	3.50	± 0.50	8.39	± 1.00	19.63	± 2.50
	Neu%	%	50.0	± 9.0	56.0	± 8.0	65.9	± 7.0
	Lym%	%	38.3	± 9.0	30.9	± 8.0	20.9	± 6.0
	Mon%	%	6.2	± 4.0	6.6	± 5.0	6.7	± 6.0
	Eos%	%	4.7	± 4.7	5.6	± 5.6	5.6	± 5.6
	Bas%	%	0.8	± 0.8	0.9	± 0.9	0.9	± 0.9
	Neu#	$\times 10^9/L$	1.75	± 0.40	4.70	± 0.70	12.93	± 1.40
	Lym#	$\times 10^9/L$	1.34	± 0.40	2.59	± 0.70	4.10	± 1.10
	Mon#	$\times 10^9/L$	0.22	± 0.14	0.55	± 0.50	1.32	± 1.10
	Eos#	$\times 10^9/L$	0.16	± 0.15	0.47	± 0.47	1.10	± 1.10
	Bas#	$\times 10^9/L$	0.03	± 0.03	0.08	± 0.08	0.18	± 0.18
	RBC	$\times 10^{12}/L$	2.28	± 0.18	4.67	± 0.24	5.57	± 0.50
	HGB	g/L	60	± 4	137	± 6	176	± 8
	HCT	%	18.8	± 2.0	42.5	± 3.0	53.6	± 4.0
	MCV	fL	82.6	± 5.0	91.1	± 5.0	96.2	± 6.0
	MCH	pg	26.4	± 2.5	29.6	± 2.5	32.1	± 2.5
	MCHC	g/L	321	± 30	326	± 30	331	± 30
	RDW-CV	%	17.9	± 3.0	15.8	± 3.0	16.2	± 3.0
	RDW-SD	fL	55.7	± 10.0	53.6	± 10.0	58.1	± 12.0
	PLT	$\times 10^9/L$	57	± 20	243	± 40	479	± 60
	MPV	fL	9.6	± 3.0	9.8	± 3.0	9.4	± 3.0
	PDW	fL	12.2	± 3.0	11.4	± 3.0	11.1	± 3.0
	PCT	%	0.055	± 0.050	0.238	± 0.100	0.450	± 0.200
	P-LCR	%	25.5	± 8.0	25.0	± 8.0	23.1	± 8.0
	P-LCC	$\times 10^9/L$	15	± 15	61	± 25	111	± 35

【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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 2025-11-05

Applicable Instruments	Parameter	Unit	Low		Normal		High	
DYMIND DH73 Vet (Technical File Version B5.5 or higher)	RBC	$\times 10^{12}/L$	2.32	± 0.18	4.72	± 0.24	5.58	± 0.50
	HGB	g/L	59	± 4	136	± 6	175	± 8
	HCT	%	19.4	± 2.0	43.7	± 3.0	54.3	± 4.0
	MCV	fL	83.8	± 5.0	92.5	± 5.0	97.4	± 6.0
	MCH	pg	26.1	± 2.5	29.5	± 2.5	32.1	± 2.5
	MCHC	g/L	312	± 30	319	± 30	329	± 30
	RDW-CV	%	17.9	± 3.0	16.0	± 3.0	16.6	± 3.0
	RDW-SD	fL	53.4	± 10.0	51.7	± 10.0	56.3	± 12.0
	PLT	$\times 10^9/L$	54	± 20	220	± 40	440	± 60
	MPV	fL	9.7	± 3.0	9.9	± 3.0	9.5	± 3.0
	PDW	fL	12.2	± 3.0	12.1	± 3.0	11.4	± 3.0
	PCT	%	0.052	± 0.050	0.218	± 0.100	0.418	± 0.200
	P-LCR	%	25.7	± 8.0	26.1	± 8.0	23.4	± 8.0
	P-LCC	$\times 10^9/L$	14	± 14	57	± 25	103	± 35

【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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 2025-11-05

Applicable Instruments	Parameter	Unit	Low		Normal		High	
DYMIND DF50 DF51 DF52 DF53 DF55 DF56 (Technical File Version A11.2 to A11.6)	WBC	×10 ⁹ /L	3.47	±0.50	8.10	±1.00	18.99	±2.50
	Neu%	%	52.9	±9.0	58.0	±8.0	65.6	±7.0
	Lym%	%	37.7	±9.0	31.3	±8.0	20.1	±6.0
	Mon%	%	4.4	±4.0	4.4	±4.4	5.2	±5.2
	Eos%	%	5.0	±5.0	6.3	±6.0	9.1	±7.0
	Bas%	%	4.1	±4.1	3.1	±3.1	3.0	±3.0
	Neu#	×10 ⁹ /L	1.84	±0.40	4.69	±0.70	12.45	±1.40
	Lym#	×10 ⁹ /L	1.31	±0.40	2.54	±0.70	3.82	±1.10
	Mon#	×10 ⁹ /L	0.15	±0.14	0.36	±0.36	0.99	±0.99
	Eos#	×10 ⁹ /L	0.17	±0.15	0.51	±0.50	1.73	±1.30
	Bas#	×10 ⁹ /L	0.14	±0.14	0.25	±0.25	0.57	±0.57
	RBC	×10 ¹² /L	2.18	±0.18	4.45	±0.24	5.30	±0.50
	HGB	g/L	56	±4	131	±6	170	±8
	HCT	%	17.9	±2.0	40.3	±3.0	50.6	±4.0
	MCV	fL	82.3	±5.0	90.6	±5.0	95.5	±6.0
	MCH	pg	25.5	±2.5	29.2	±2.5	31.6	±2.5
	MCHC	g/L	309	±30	321	±30	331	±30
	RDW-CV	%	14.9	±3.0	13.5	±3.0	14.1	±3.0
	RDW-SD	fL	51.7	±10.0	51.1	±10.0	55.7	±12.0
	PLT	×10 ⁹ /L	60	±20	237	±40	456	±60
	MPV	fL	10.1	±3.0	10.0	±3.0	9.8	±3.0
	PDW	fL	12.5	±3.0	13.7	±3.0	13.3	±3.0
	PCT	%	0.061	±0.050	0.237	±0.100	0.447	±0.200
	P-LCR	%	35.8	±8.0	37.6	±8.0	35.5	±8.0
	P-LCC	×10 ⁹ /L	21	±15	89	±25	162	±35

【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.
5. P-LCC and P-LCR parameters are not applicable to DF50,DF51,DF53, DF50 Vet and DF52 Vet Instruments.

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 2025-08-08

 2025-11-05

Applicable Instruments	Parameter	Unit	Low		Normal		High	
DYMIND DF50 DF51 DF52 DF53 DF55 DF56 (Technical File Version A12.0 or higher)	WBC	$\times 10^9/L$	3.59	± 0.50	8.42	± 1.00	19.60	± 2.50
	Neu%	%	52.0	± 9.0	58.4	± 8.0	64.6	± 7.0
	Lym%	%	39.5	± 9.0	32.3	± 8.0	21.0	± 6.0
	Mon%	%	4.5	± 4.0	4.3	± 4.3	5.7	± 5.7
	Eos%	%	4.0	± 4.0	5.0	± 5.0	8.7	± 7.0
	Bas%	%	3.1	± 3.1	1.8	± 1.8	1.8	± 1.8
	Neu#	$\times 10^9/L$	1.87	± 0.40	4.92	± 0.70	12.65	± 1.40
	Lym#	$\times 10^9/L$	1.42	± 0.40	2.72	± 0.70	4.12	± 1.10
	Mon#	$\times 10^9/L$	0.16	± 0.14	0.36	± 0.36	1.12	± 1.10
	Eos#	$\times 10^9/L$	0.14	± 0.14	0.42	± 0.42	1.71	± 1.30
	Bas#	$\times 10^9/L$	0.11	± 0.11	0.15	± 0.15	0.35	± 0.35
	RBC	$\times 10^{12}/L$	2.25	± 0.18	4.60	± 0.24	5.43	± 0.50
	HGB	g/L	58	± 4	134	± 6	172	± 8
	HCT	%	18.4	± 2.0	40.4	± 3.0	49.8	± 4.0
	MCV	fL	81.8	± 5.0	87.9	± 5.0	91.8	± 6.0
	MCH	pg	25.8	± 2.5	29.2	± 2.5	31.7	± 2.5
	MCHC	g/L	318	± 30	334	± 30	348	± 30
	RDW-CV	%	15.4	± 3.0	14.1	± 3.0	14.7	± 3.0
	RDW-SD	fL	53.4	± 10.0	53.2	± 10.0	57.8	± 12.0
	PLT	$\times 10^9/L$	62	± 20	243	± 40	458	± 60
	MPV	fL	9.4	± 3.0	9.5	± 3.0	9.4	± 3.0
	PDW	fL	11.6	± 3.0	13.1	± 3.0	12.6	± 3.0
	PCT	%	0.058	± 0.050	0.231	± 0.100	0.431	± 0.200
	P-LCR	%	31.3	± 8.0	33.4	± 8.0	32.2	± 8.0
	P-LCC	$\times 10^9/L$	19	± 15	81	± 25	147	± 35

【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.
5. P-LCC and P-LCR parameters are not applicable to DF50,DF51,DF53 Instruments.



Low



Normal



High

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Applicable Instruments	Parameter	Unit	Low	Normal	High
DYMIND DF50 DF51 DF52 DF53 DF55 DF56 (Technical File Version B1.0 or higher)	WBC	$\times 10^9/L$	3.63 ± 0.50	8.18 ± 1.00	18.75 ± 2.50
	Neu%	%	54.5 ± 9.0	59.8 ± 8.0	65.9 ± 7.0
	Lym%	%	36.7 ± 9.0	29.7 ± 8.0	19.6 ± 6.0
	Mon%	%	5.5 ± 4.0	5.1 ± 5.0	5.9 ± 5.9
	Eos%	%	3.3 ± 3.3	5.4 ± 5.4	8.6 ± 7.0
	Bas%	%	3.4 ± 3.4	2.0 ± 2.0	1.8 ± 1.8
	Neu#	$\times 10^9/L$	1.98 ± 0.40	4.89 ± 0.70	12.35 ± 1.40
	Lym#	$\times 10^9/L$	1.33 ± 0.40	2.43 ± 0.70	3.68 ± 1.10
	Mon#	$\times 10^9/L$	0.20 ± 0.14	0.42 ± 0.42	1.11 ± 1.10
	Eos#	$\times 10^9/L$	0.12 ± 0.12	0.44 ± 0.44	1.61 ± 1.30
	Bas#	$\times 10^9/L$	0.12 ± 0.12	0.16 ± 0.16	0.34 ± 0.34
	RBC	$\times 10^{12}/L$	2.19 ± 0.18	4.51 ± 0.24	5.38 ± 0.50
	HGB	g/L	57 ± 4	137 ± 6	180 ± 8
	HCT	%	17.9 ± 2.0	39.8 ± 3.0	49.7 ± 4.0
	MCV	fL	81.6 ± 5.0	88.2 ± 5.0	92.3 ± 6.0
	MCH	pg	26.5 ± 2.5	30.1 ± 2.5	33.3 ± 2.5
	MCHC	g/L	322 ± 30	339 ± 30	359 ± 30
	RDW-CV	%	15.2 ± 3.0	13.9 ± 3.0	14.3 ± 3.0
	RDW-SD	fL	52.9 ± 10.0	52.6 ± 10.0	56.8 ± 12.0
	PLT	$\times 10^9/L$	60 ± 20	237 ± 40	447 ± 60
	MPV	fL	9.1 ± 3.0	9.2 ± 3.0	9.1 ± 3.0
	PDW	fL	11.9 ± 3.0	13.6 ± 3.0	13.1 ± 3.0
	PCT	%	0.055 ± 0.050	0.218 ± 0.100	0.407 ± 0.200
	P-LCR	%	27.8 ± 8.0	31.1 ± 8.0	29.8 ± 8.0
	P-LCC	$\times 10^9/L$	17 ± 15	74 ± 25	133 ± 35

【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.
5. P-LCC and P-LCR parameters are not applicable to DF50,DF51,DF53, DF50 Vet and DF52 Vet Instruments.



Low



Normal



High

CBC-DH

HEMATOLOGY CONTROL

Reference Values provided by DYMIND

CONTROL

LOT DH2509

 2025-08-08

 2025-11-05

Applicable Instruments	Parameter	Unit	Low	Normal	High
DYMIND DH71 DH76 (Technical File Version A4.1to A10.3) DH51 DH53 DH56 (Technical File Version A8.1 or higher)	WBC	×10 ⁹ /L	3.48 ±0.50	8.26 ±1.00	18.92 ±2.50
	Neu%	%	51.7 ±9.0	57.4 ±8.0	67.2 ±7.0
	Lym%	%	36.9 ±9.0	30.3 ±8.0	20.1 ±6.0
	Mon%	%	6.4 ±4.0	6.8 ±5.0	6.7 ±6.0
	Eos%	%	5.0 ±5.0	5.5 ±5.5	6.0 ±6.0
	Bas%	%	63.3 ±8.0	70.6 ±8.0	80.3 ±8.0
	Neu#	×10 ⁹ /L	1.81 ±0.40	4.75 ±0.70	12.71 ±1.40
	Lym#	×10 ⁹ /L	1.28 ±0.40	2.50 ±0.70	3.80 ±1.10
	Mon#	×10 ⁹ /L	0.22 ±0.14	0.56 ±0.50	1.27 ±1.10
	Eos#	×10 ⁹ /L	0.17 ±0.15	0.45 ±0.45	1.14 ±1.14
	Bas#	×10 ⁹ /L	2.20 ±0.30	5.83 ±0.70	15.19 ±1.50
	RBC	×10 ¹² /L	2.12 ±0.18	4.36 ±0.24	5.23 ±0.50
	HGB	g/L	57 ±4	134 ±6	171 ±8
	HCT	%	17.6 ±2.0	39.8 ±3.0	50.4 ±4.0
	MCV	fL	82.8 ±5.0	91.2 ±5.0	96.3 ±6.0
	MCH	pg	27.2 ±2.5	30.9 ±2.5	32.9 ±2.5
	MCHC	g/L	334 ±30	342 ±30	347 ±30
	RDW-CV	%	18.0 ±3.0	15.9 ±3.0	16.6 ±3.0
	RDW-SD	fL	52.4 ±10.0	50.7 ±10.0	55.2 ±12.0
	PLT	×10 ⁹ /L	49 ±20	228 ±40	471 ±60
	MPV	fL	10.6 ±3.0	10.2 ±3.0	9.8 ±3.0
	PDW	fL	11.6 ±3.0	12.7 ±3.0	11.9 ±3.0
	PCT	%	0.052 ±0.050	0.233 ±0.100	0.462 ±0.200
	P-LCR	%	28.0 ±8.0	28.0 ±8.0	25.6 ±8.0
	P-LCC	×10 ⁹ /L	14 ±14	64 ±25	121 ±35

【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.

CBC-DH

HEMATOLOGY CONTROL

Reference Values provided by DYMIND

CONTROL

LOT DH2509

 2025-08-08

 2025-11-05

Applicable Instruments	Parameter	Unit	Low	Normal	High
DYMIND DH71 DH76 (Technical File Version A10.4)	WBC	$\times 10^9/L$	3.17 ± 0.50	7.59 ± 1.00	17.46 ± 2.50
	Neu%	%	49.7 ± 9.0	56.4 ± 8.0	66.1 ± 7.0
	Lym%	%	38.0 ± 9.0	31.1 ± 8.0	21.2 ± 6.0
	Mon%	%	7.3 ± 4.0	7.5 ± 5.0	7.7 ± 6.0
	Eos%	%	5.0 ± 5.0	5.0 ± 5.0	5.0 ± 5.0
	Bas%	%	61.6 ± 8.0	69.4 ± 8.0	79.4 ± 8.0
	Neu#	$\times 10^9/L$	1.58 ± 0.40	4.28 ± 0.70	11.55 ± 1.40
	Lym#	$\times 10^9/L$	1.20 ± 0.40	2.36 ± 0.70	3.70 ± 1.10
	Mon#	$\times 10^9/L$	0.23 ± 0.14	0.57 ± 0.50	1.34 ± 1.10
	Eos#	$\times 10^9/L$	0.16 ± 0.15	0.38 ± 0.38	0.87 ± 0.87
	Bas#	$\times 10^9/L$	1.95 ± 0.30	5.27 ± 0.70	13.86 ± 1.50
	RBC	$\times 10^{12}/L$	2.11 ± 0.18	4.47 ± 0.24	5.43 ± 0.50
	HGB	g/L	54 ± 4	131 ± 6	169 ± 8
	HCT	%	17.3 ± 2.0	40.0 ± 3.0	51.0 ± 4.0
	MCV	fL	81.9 ± 5.0	89.4 ± 5.0	93.9 ± 6.0
	MCH	pg	25.7 ± 2.5	29.1 ± 2.5	31.0 ± 2.5
	MCHC	g/L	316 ± 30	327 ± 30	332 ± 30
	RDW-CV	%	18.1 ± 3.0	16.0 ± 3.0	16.7 ± 3.0
	RDW-SD	fL	54.3 ± 10.0	52.6 ± 10.0	57.3 ± 12.0
	PLT	$\times 10^9/L$	47 ± 20	236 ± 40	487 ± 60
	MPV	fL	10.5 ± 3.0	10.0 ± 3.0	9.7 ± 3.0
	PDW	fL	11.3 ± 3.0	12.5 ± 3.0	11.8 ± 3.0
	PCT	%	0.049 ± 0.049	0.236 ± 0.100	0.472 ± 0.200
	P-LCR	%	27.4 ± 8.0	26.8 ± 8.0	24.8 ± 8.0
	P-LCC	$\times 10^9/L$	13 ± 13	63 ± 25	121 ± 35

【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.

CBC-DH

HEMATOLOGY CONTROL

Reference Values provided by DYMIND

CONTROL

LOT DH2509

2025-08-08

2025-11-05

Applicable Instruments	Parameter	Unit	Low	Normal	High
DYMIND DH71 DH76 (Technical File Version A10.5 or higher)	WBC	$\times 10^9/L$	3.58 ± 0.50	8.57 ± 1.00	20.12 ± 2.50
	Neu%	%	50.4 ± 9.0	56.0 ± 8.0	65.8 ± 7.0
	Lym%	%	37.5 ± 9.0	31.0 ± 8.0	20.8 ± 6.0
	Mon%	%	7.2 ± 4.0	7.2 ± 5.0	7.2 ± 6.0
	Eos%	%	4.9 ± 4.9	5.8 ± 5.8	6.2 ± 6.2
	Bas%	%	65.2 ± 8.0	72.4 ± 8.0	81.6 ± 8.0
	Neu#	$\times 10^9/L$	1.80 ± 0.40	4.79 ± 0.70	13.24 ± 1.40
	Lym#	$\times 10^9/L$	1.34 ± 0.40	2.66 ± 0.70	4.18 ± 1.10
	Mon#	$\times 10^9/L$	0.26 ± 0.14	0.62 ± 0.50	1.45 ± 1.10
	Eos#	$\times 10^9/L$	0.18 ± 0.15	0.50 ± 0.50	1.25 ± 1.25
	Bas#	$\times 10^9/L$	2.33 ± 0.30	6.20 ± 0.70	16.42 ± 1.50
	RBC	$\times 10^{12}/L$	2.27 ± 0.18	4.69 ± 0.24	5.70 ± 0.50
	HGB	g/L	57 ± 4	134 ± 6	172 ± 8
	HCT	%	18.3 ± 2.0	41.3 ± 3.0	53.0 ± 4.0
	MCV	fL	80.5 ± 5.0	88.1 ± 5.0	93.0 ± 6.0
	MCH	pg	25.7 ± 2.5	29.1 ± 2.5	30.7 ± 2.5
	MCHC	g/L	318 ± 30	328 ± 30	327 ± 30
	RDW-CV	%	18.0 ± 3.0	15.8 ± 3.0	16.1 ± 3.0
	RDW-SD	fL	53.7 ± 10.0	51.7 ± 10.0	55.7 ± 12.0
	PLT	$\times 10^9/L$	49 ± 20	236 ± 40	490 ± 60
	MPV	fL	10.1 ± 3.0	9.7 ± 3.0	9.3 ± 3.0
	PDW	fL	11.2 ± 3.0	11.8 ± 3.0	10.9 ± 3.0
	PCT	%	0.049 ± 0.049	0.229 ± 0.100	0.456 ± 0.200
	P-LCR	%	25.5 ± 8.0	24.8 ± 8.0	22.4 ± 8.0
	P-LCC	$\times 10^9/L$	12 ± 12	58 ± 25	110 ± 35

【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

CBC-DH

HEMATOLOGY CONTROL

Reference Values provided by DYMIND

CONTROL

LOT DH2509

2025-08-08

2025-11-05

Applicable Instruments	Parameter	Unit	Low		Normal		High	
DYMIND D2-CRP D7-CRP DH71CRP DH73CRP (Technical File Version A6.0 to A 6.5)	WBC	$\times 10^9/L$	3.54	± 0.50	8.34	± 1.00	19.32	± 2.50
	Neu%	%	51.1	± 9.0	56.3	± 8.0	66.1	± 7.0
	Lym%	%	37.1	± 9.0	30.8	± 8.0	20.7	± 6.0
	Mon%	%	6.8	± 4.0	6.9	± 5.0	7.3	± 6.0
	Eos%	%	5.0	± 5.0	6.0	± 6.0	5.9	± 5.9
	Bas%	%	64.1	± 8.0	71.5	± 8.0	81.2	± 8.0
	Neu#	$\times 10^9/L$	1.81	± 0.40	4.69	± 0.70	12.77	± 1.40
	Lym#	$\times 10^9/L$	1.31	± 0.40	2.57	± 0.70	4.00	± 1.10
	Mon#	$\times 10^9/L$	0.24	± 0.14	0.58	± 0.50	1.41	± 1.10
	Eos#	$\times 10^9/L$	0.18	± 0.15	0.50	± 0.50	1.14	± 1.14
	Bas#	$\times 10^9/L$	2.27	± 0.30	5.96	± 0.70	15.69	± 1.50
	RBC	$\times 10^{12}/L$	2.19	± 0.18	4.55	± 0.24	5.45	± 0.50
	HGB	g/L	58	± 4	135	± 6	172	± 8
	HCT	%	18.0	± 2.0	40.6	± 3.0	50.8	± 4.0
	MCV	fL	82.2	± 5.0	89.2	± 5.0	93.3	± 6.0
	MCH	pg	26.6	± 2.5	30.0	± 2.5	31.9	± 2.5
	MCHC	g/L	325	± 30	338	± 30	343	± 30
	RDW-CV	%	18.3	± 3.0	16.3	± 3.0	16.9	± 3.0
	RDW-SD	fL	54.2	± 10.0	53.1	± 10.0	57.8	± 12.0
	PLT	$\times 10^9/L$	48	± 20	239	± 40	503	± 60
	MPV	fL	10.4	± 3.0	10.1	± 3.0	9.7	± 3.0
	PDW	fL	11.2	± 3.0	12.6	± 3.0	11.9	± 3.0
	PCT	%	0.050	± 0.050	0.241	± 0.100	0.488	± 0.200
	P-LCR	%	26.7	± 8.0	27.1	± 8.0	24.9	± 8.0
	P-LCC	$\times 10^9/L$	13	± 13	65	± 25	125	± 35

【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

CBC-DH

HEMATOLOGY CONTROL

Reference Values provided by DYMIND

CONTROL

LOT DH2509

2025-08-08

2025-11-05

Applicable Instruments	Parameter	Unit	Low	Normal	High
DYMIND D2-CRP D7-CRP DH71CRP DH73CRP (Technical File Version A6.6 or higher)	WBC	$\times 10^9/L$	3.85 ± 0.50	9.10 ± 1.00	21.08 ± 2.50
	Neu%	%	50.9 ± 9.0	55.8 ± 8.0	65.6 ± 7.0
	Lym%	%	37.4 ± 9.0	30.6 ± 8.0	20.4 ± 6.0
	Mon%	%	6.7 ± 4.0	7.1 ± 5.0	7.1 ± 6.0
	Eos%	%	5.0 ± 5.0	6.5 ± 6.0	6.9 ± 6.9
	Bas%	%	65.5 ± 8.0	72.1 ± 8.0	81.8 ± 8.0
	Neu#	$\times 10^9/L$	1.96 ± 0.40	5.08 ± 0.70	13.83 ± 1.40
	Lym#	$\times 10^9/L$	1.44 ± 0.40	2.78 ± 0.70	4.30 ± 1.10
	Mon#	$\times 10^9/L$	0.26 ± 0.14	0.65 ± 0.50	1.50 ± 1.10
	Eos#	$\times 10^9/L$	0.19 ± 0.15	0.59 ± 0.50	1.45 ± 1.30
	Bas#	$\times 10^9/L$	2.52 ± 0.30	6.56 ± 0.70	17.24 ± 1.50
	RBC	$\times 10^{12}/L$	2.33 ± 0.18	4.74 ± 0.24	5.69 ± 0.50
	HGB	g/L	59 ± 4	136 ± 6	174 ± 8
	HCT	%	18.6 ± 2.0	41.4 ± 3.0	52.5 ± 4.0
	MCV	fL	80.0 ± 5.0	87.4 ± 5.0	92.3 ± 6.0
	MCH	pg	25.8 ± 2.5	29.5 ± 2.5	31.3 ± 2.5
	MCHC	g/L	320 ± 30	334 ± 30	336 ± 30
	RDW-CV	%	17.9 ± 3.0	15.7 ± 3.0	16.0 ± 3.0
	RDW-SD	fL	53.3 ± 10.0	51.1 ± 10.0	55.3 ± 12.0
	PLT	$\times 10^9/L$	50 ± 20	242 ± 40	508 ± 60
	MPV	fL	9.7 ± 3.0	9.2 ± 3.0	9.0 ± 3.0
	PDW	fL	9.9 ± 3.0	10.8 ± 3.0	10.3 ± 3.0
	PCT	%	0.049 ± 0.049	0.223 ± 0.100	0.457 ± 0.200
	P-LCR	%	22.1 ± 8.0	21.3 ± 8.0	20.1 ± 8.0
	P-LCC	$\times 10^9/L$	11 ± 11	52 ± 25	102 ± 35

【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

CBC-DH

HEMATOLOGY CONTROL

Reference Values provided by DYMIND

CONTROL

LOT DH2509

2025-08-08

2025-11-05

Applicable Instruments	Parameter	Unit	Low	Normal	High
DYMIND D6-CRP DH76CRP (Technical File Version B1.0 to B2.0)	WBC	$\times 10^9/L$	3.55 ± 0.50	8.39 ± 1.00	19.13 ± 2.50
	Neu%	%	50.6 ± 9.0	56.5 ± 8.0	66.2 ± 7.0
	Lym%	%	37.5 ± 9.0	30.7 ± 8.0	20.5 ± 6.0
	Mon%	%	7.0 ± 4.0	7.4 ± 5.0	7.4 ± 6.0
	Eos%	%	4.9 ± 4.9	5.4 ± 5.4	5.9 ± 5.9
	Bas%	%	64.3 ± 8.0	71.5 ± 8.0	80.9 ± 8.0
	Neu#	$\times 10^9/L$	1.80 ± 0.40	4.74 ± 0.70	12.66 ± 1.40
	Lym#	$\times 10^9/L$	1.33 ± 0.40	2.58 ± 0.70	3.92 ± 1.10
	Mon#	$\times 10^9/L$	0.25 ± 0.14	0.62 ± 0.50	1.42 ± 1.10
	Eos#	$\times 10^9/L$	0.17 ± 0.15	0.45 ± 0.45	1.13 ± 1.13
	Bas#	$\times 10^9/L$	2.28 ± 0.30	6.00 ± 0.70	15.48 ± 1.50
	RBC	$\times 10^{12}/L$	2.26 ± 0.18	4.65 ± 0.24	5.56 ± 0.50
	HGB	g/L	60 ± 4	135 ± 6	171 ± 8
	HCT	%	18.3 ± 2.0	41.1 ± 3.0	51.6 ± 4.0
	MCV	fL	81.1 ± 5.0	88.3 ± 5.0	92.8 ± 6.0
	MCH	pg	26.8 ± 2.5	29.3 ± 2.5	30.9 ± 2.5
	MCHC	g/L	332 ± 30	333 ± 30	335 ± 30
	RDW-CV	%	18.2 ± 3.0	15.9 ± 3.0	16.3 ± 3.0
	RDW-SD	fL	53.5 ± 10.0	51.6 ± 10.0	55.7 ± 12.0
	PLT	$\times 10^9/L$	52 ± 20	236 ± 40	496 ± 60
	MPV	fL	9.0 ± 3.0	9.4 ± 3.0	9.1 ± 3.0
	PDW	fL	11.2 ± 3.0	11.2 ± 3.0	10.6 ± 3.0
	PCT	%	0.047 ± 0.047	0.222 ± 0.100	0.451 ± 0.200
	P-LCR	%	21.5 ± 8.0	22.8 ± 8.0	21.0 ± 8.0
	P-LCC	$\times 10^9/L$	11 ± 11	54 ± 25	104 ± 35

【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

CBC-DH

HEMATOLOGY CONTROL

Reference Values provided by DYMIND

CONTROL

LOT DH2509

2025-08-08

2025-11-05

Applicable Instruments	Parameter	Unit	Low	Normal	High
DYMIND D6-CRP DH76CRP (Technical File Version B2.2 or higher)	WBC	$\times 10^9/L$	3.74 ± 0.50	8.85 ± 1.00	20.24 ± 2.50
	Neu%	%	50.8 ± 9.0	56.1 ± 8.0	65.2 ± 7.0
	Lym%	%	36.4 ± 9.0	30.2 ± 8.0	20.3 ± 6.0
	Mon%	%	7.1 ± 4.0	7.1 ± 5.0	7.2 ± 6.0
	Eos%	%	5.7 ± 5.0	6.6 ± 6.0	7.3 ± 7.0
	Bas%	%	65.1 ± 8.0	71.7 ± 8.0	81.2 ± 8.0
	Neu#	$\times 10^9/L$	1.90 ± 0.40	4.97 ± 0.70	13.19 ± 1.40
	Lym#	$\times 10^9/L$	1.36 ± 0.40	2.67 ± 0.70	4.11 ± 1.10
	Mon#	$\times 10^9/L$	0.27 ± 0.14	0.63 ± 0.50	1.46 ± 1.10
	Eos#	$\times 10^9/L$	0.21 ± 0.15	0.58 ± 0.50	1.48 ± 1.30
	Bas#	$\times 10^9/L$	2.43 ± 0.30	6.35 ± 0.70	16.43 ± 1.50
	RBC	$\times 10^{12}/L$	2.31 ± 0.18	4.75 ± 0.24	5.72 ± 0.50
	HGB	g/L	60 ± 4	136 ± 6	172 ± 8
	HCT	%	19.0 ± 2.0	42.6 ± 3.0	54.0 ± 4.0
	MCV	fL	82.4 ± 5.0	89.6 ± 5.0	94.4 ± 6.0
	MCH	pg	26.0 ± 2.5	28.6 ± 2.5	30.1 ± 2.5
	MCHC	g/L	316 ± 30	320 ± 30	320 ± 30
	RDW-CV	%	17.9 ± 3.0	15.7 ± 3.0	16.1 ± 3.0
	RDW-SD	fL	54.5 ± 10.0	52.4 ± 10.0	56.4 ± 12.0
	PLT	$\times 10^9/L$	53 ± 20	249 ± 40	527 ± 60
	MPV	fL	9.4 ± 3.0	9.6 ± 3.0	9.3 ± 3.0
	PDW	fL	12.2 ± 3.0	11.8 ± 3.0	11.2 ± 3.0
	PCT	%	0.050 ± 0.050	0.239 ± 0.100	0.490 ± 0.200
	P-LCR	%	23.8 ± 8.0	24.2 ± 8.0	22.2 ± 8.0
	P-LCC	$\times 10^9/L$	13 ± 13	60 ± 25	117 ± 35

【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

CBC-DH

HEMATOLOGY CONTROL

Reference Values provided by DYMIND

CONTROL

LOT DH2509

2025-08-08

2025-11-05

Applicable Instruments	Parameter	Unit	Low	Normal	High
DYMIND DF50 Vet DF52 Vet DF55 Vet DF56 Vet (Technical File Version A8.0 or higher and B1.0 or higher)	WBC	$\times 10^9/L$	3.47 ± 0.50	8.18 ± 1.00	19.14 ± 2.50
	Neu%	%	52.4 ± 9.0	57.8 ± 8.0	66.5 ± 7.0
	Lym%	%	38.2 ± 9.0	26.2 ± 15.0	18.0 ± 12.0
	Mon%	%	4.3 ± 4.0	10.0 ± 10.0	6.7 ± 6.7
	Eos%	%	5.1 ± 5.0	6.0 ± 6.0	8.8 ± 7.0
	Bas%	%	2.5 ± 2.5	1.6 ± 1.6	1.8 ± 1.8
	Neu#	$\times 10^9/L$	1.81 ± 0.40	4.73 ± 1.00	12.73 ± 1.40
	Lym#	$\times 10^9/L$	1.33 ± 0.40	2.14 ± 2.00	3.45 ± 2.00
	Mon#	$\times 10^9/L$	0.15 ± 0.14	0.82 ± 0.82	1.28 ± 1.28
	Eos#	$\times 10^9/L$	0.18 ± 0.15	0.49 ± 0.49	1.68 ± 1.30
	Bas#	$\times 10^9/L$	0.09 ± 0.09	0.13 ± 0.13	0.34 ± 0.34
	RBC	$\times 10^{12}/L$	2.27 ± 0.18	4.58 ± 0.24	5.45 ± 0.50
	HGB	g/L	56 ± 4	132 ± 6	171 ± 8
	HCT	%	18.3 ± 2.0	40.7 ± 3.0	51.2 ± 4.0
	MCV	fL	80.4 ± 5.0	88.9 ± 5.0	93.9 ± 6.0
	MCH	pg	25.4 ± 2.5	29.4 ± 2.5	31.9 ± 2.5
	MCHC	g/L	315 ± 30	328 ± 30	338 ± 30
	RDW-CV	%	14.2 ± 3.0	13.0 ± 3.0	13.4 ± 3.0
	RDW-SD	fL	49.4 ± 10.0	49.1 ± 10.0	52.8 ± 12.0
	PLT	$\times 10^9/L$	56 ± 20	226 ± 40	423 ± 60
	MPV	fL	9.1 ± 3.0	9.1 ± 3.0	8.9 ± 3.0
	PDW	fL	10.9 ± 3.0	12.7 ± 3.0	12.1 ± 3.0
	PCT	%	0.051 ± 0.050	0.206 ± 0.100	0.376 ± 0.200

【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

CBC-DH

HEMATOLOGY CONTROL

Reference Values provided by DYMIND

CONTROL

LOT DH2509

2025-08-08

2025-11-05

Applicable Instruments	Parameter	Unit	Low		Normal		High	
DYMIND DF1-CRP DF3-CRP DF5-CRP DF50CRP DF52CRP DF53CRP (Technical File Version A6.1 or higher)	WBC	$\times 10^9/L$	3.80	± 0.50	9.09	± 1.00	21.41	± 2.50
	Neu%	%	52.8	± 9.0	58.0	± 8.0	64.3	± 7.0
	Lym%	%	37.7	± 9.0	32.3	± 8.0	20.2	± 6.0
	Mon%	%	5.5	± 4.0	4.7	± 4.7	6.8	± 6.0
	Eos%	%	4.0	± 4.0	5.0	± 5.0	8.7	± 7.0
	Bas%	%	3.2	± 3.2	1.8	± 1.8	1.6	± 1.6
	Neu#	$\times 10^9/L$	2.01	± 0.40	5.27	± 0.70	13.77	± 1.40
	Lym#	$\times 10^9/L$	1.43	± 0.40	2.94	± 0.70	4.32	± 1.10
	Mon#	$\times 10^9/L$	0.21	± 0.14	0.43	± 0.43	1.46	± 1.10
	Eos#	$\times 10^9/L$	0.15	± 0.15	0.45	± 0.45	1.86	± 1.30
	Bas#	$\times 10^9/L$	0.12	± 0.12	0.16	± 0.16	0.34	± 0.34
	RBC	$\times 10^{12}/L$	2.20	± 0.18	4.43	± 0.24	5.31	± 0.50
	HGB	g/L	59	± 4	135	± 6	173	± 8
	HCT	%	17.9	± 2.0	38.9	± 3.0	48.9	± 4.0
	MCV	fL	81.3	± 5.0	87.7	± 5.0	92.0	± 6.0
	MCH	pg	26.9	± 2.5	30.2	± 2.5	32.5	± 2.5
	MCHC	g/L	329	± 30	342	± 30	351	± 30
	RDW-CV	%	15.9	± 3.0	14.4	± 3.0	14.7	± 3.0
	RDW-SD	fL	55.9	± 10.0	55.3	± 10.0	59.6	± 12.0
	PLT	$\times 10^9/L$	48	± 20	249	± 40	529	± 60
	MPV	fL	9.0	± 3.0	8.9	± 3.0	8.8	± 3.0
	PDW	fL	9.8	± 3.0	11.9	± 3.0	11.5	± 3.0
	PCT	%	0.043	± 0.043	0.222	± 0.100	0.466	± 0.200
	P-LCR	%	26.0	± 8.0	29.0	± 8.0	27.8	± 8.0
	P-LCC	$\times 10^9/L$	13	± 13	72	± 25	147	± 35

【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

CBC-DH

HEMATOLOGY CONTROL

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CONTROL

LOT DH2509

2025-08-08

2025-11-05

Applicable Instruments	Parameter	Unit	Low	Normal	High
DYMIND DM71X DM72X DM78X DM79X (Technical File Version A1.0 or higher)	WBC	$\times 10^9/L$	3.52 ± 0.50	8.39 ± 1.00	19.27 ± 2.50
	Neu%	%	50.4 ± 9.0	55.9 ± 8.0	65.4 ± 7.0
	Lym%	%	37.0 ± 9.0	30.1 ± 8.0	20.2 ± 6.0
	Mon%	%	7.0 ± 4.0	7.4 ± 5.0	7.3 ± 6.0
	Eos%	%	5.6 ± 5.0	6.6 ± 6.0	7.1 ± 7.0
	Bas%	%	64.5 ± 8.0	71.1 ± 8.0	81.1 ± 8.0
	Neu#	$\times 10^9/L$	1.77 ± 0.40	4.69 ± 0.70	12.60 ± 1.40
	Lym#	$\times 10^9/L$	1.30 ± 0.40	2.53 ± 0.70	3.89 ± 1.10
	Mon#	$\times 10^9/L$	0.25 ± 0.14	0.62 ± 0.50	1.41 ± 1.10
	Eos#	$\times 10^9/L$	0.20 ± 0.15	0.55 ± 0.50	1.37 ± 1.30
	Bas#	$\times 10^9/L$	2.27 ± 0.30	5.97 ± 0.70	15.63 ± 1.50
	RBC	$\times 10^{12}/L$	2.27 ± 0.18	4.69 ± 0.24	5.64 ± 0.50
	HGB	g/L	60 ± 4	135 ± 6	171 ± 8
	HCT	%	18.0 ± 2.0	41.2 ± 3.0	52.3 ± 4.0
	MCV	fL	79.3 ± 5.0	87.8 ± 5.0	92.8 ± 6.0
	MCH	pg	27.0 ± 2.5	29.4 ± 2.5	30.9 ± 2.5
	MCHC	g/L	336 ± 30	332 ± 30	329 ± 30
	RDW-CV	%	18.3 ± 3.0	16.0 ± 3.0	16.3 ± 3.0
	RDW-SD	fL	54.2 ± 10.0	52.1 ± 10.0	56.0 ± 12.0
	PLT	$\times 10^9/L$	49 ± 20	240 ± 40	515 ± 60
	MPV	fL	9.2 ± 3.0	9.4 ± 3.0	9.1 ± 3.0
	PDW	fL	11.7 ± 3.0	11.4 ± 3.0	10.7 ± 3.0
	PCT	%	0.045 ± 0.045	0.226 ± 0.100	0.469 ± 0.200
	P-LCR	%	22.6 ± 8.0	22.7 ± 8.0	20.7 ± 8.0
	P-LCC	$\times 10^9/L$	11 ± 11	55 ± 25	107 ± 35

【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

CBC-DH

HEMATOLOGY CONTROL

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CONTROL
LOT DH2509

 2025-08-08

 2025-11-05

Applicable Instruments	Parameter	Unit	Low		Normal		High	
DYMIND UN71 Vet UN73 Vet (Technical File Version A1.0 or higher)	WBC	$\times 10^9/L$	3.43	± 0.50	8.18	± 1.00	18.69	± 2.50
	Neu%	%	52.7	± 9.0	58.5	± 8.0	67.9	± 7.0
	Lym%	%	37.1	± 9.0	30.3	± 8.0	20.2	± 6.0
	Mon%	%	6.9	± 4.0	6.9	± 5.0	7.3	± 6.0
	Eos%	%	3.3	± 3.3	4.3	± 4.3	4.6	± 4.6
	Bas%	%	0.7	± 0.7	0.8	± 0.8	0.9	± 0.9
	Neu#	$\times 10^9/L$	1.81	± 0.40	4.79	± 0.70	12.69	± 1.40
	Lym#	$\times 10^9/L$	1.27	± 0.40	2.48	± 0.70	3.78	± 1.10
	Mon#	$\times 10^9/L$	0.24	± 0.14	0.56	± 0.50	1.36	± 1.10
	Eos#	$\times 10^9/L$	0.11	± 0.11	0.35	± 0.35	0.86	± 0.86
	Bas#	$\times 10^9/L$	0.02	± 0.02	0.07	± 0.07	0.17	± 0.17
	RBC	$\times 10^{12}/L$	2.25	± 0.18	4.55	± 0.24	5.46	± 0.50
	HGB	g/L	60	± 4	133	± 6	169	± 8
	HCT	%	18.2	± 2.0	40.4	± 3.0	51.2	± 4.0
	MCV	fL	80.8	± 5.0	88.8	± 5.0	93.8	± 6.0
	MCH	pg	26.9	± 2.5	29.8	± 2.5	31.2	± 2.5
	MCHC	g/L	336	± 30	337	± 30	339	± 30
	RDW-CV	%	18.5	± 3.0	16.4	± 3.0	16.9	± 3.0
	RDW-SD	fL	47.4	± 10.0	46.1	± 10.0	49.8	± 12.0
	PLT	$\times 10^9/L$	50	± 20	234	± 40	463	± 60
	MPV	fL	9.5	± 3.0	8.9	± 3.0	8.6	± 3.0
	PDW	fL	9.2	± 3.0	10.5	± 3.0	9.6	± 3.0
	PCT	%	0.048	± 0.048	0.208	± 0.100	0.398	± 0.200
	P-LCR	%	20.0	± 8.0	20.1	± 8.0	18.2	± 8.0
	P-LCC	$\times 10^9/L$	10	± 10	47	± 25	86	± 35

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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℃.
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

CBC-DH

HEMATOLOGY CONTROL

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CONTROL

LOT DH2509

 2025-08-08

 2025-11-05

Applicable Instruments	Parameter	Unit	Low		Normal		High	
DYMIND DM60 Vet DM61 Vet DM62 Vet DM63 Vet (Technical File Version A1.4 or higher)	WBC	$\times 10^9/L$	3.22	± 0.50	7.49	± 1.00	17.62	± 2.50
	Neu%	%	53.7	± 9.0	59.5	± 8.0	64.6	± 7.0
	Lym%	%	36.6	± 9.0	30.3	± 8.0	19.8	± 6.0
	Mon%	%	6.1	± 4.0	5.5	± 5.0	6.8	± 6.0
	Eos%	%	3.6	± 3.6	4.7	± 4.7	8.8	± 7.0
	Bas%	%	3.1	± 3.1	1.8	± 1.8	1.8	± 1.8
	Neu#	$\times 10^9/L$	1.72	± 0.40	4.46	± 0.70	11.38	± 1.40
	Lym#	$\times 10^9/L$	1.18	± 0.40	2.27	± 0.70	3.49	± 1.10
	Mon#	$\times 10^9/L$	0.20	± 0.14	0.41	± 0.41	1.20	± 1.10
	Eos#	$\times 10^9/L$	0.12	± 0.12	0.35	± 0.35	1.55	± 1.30
	Bas#	$\times 10^9/L$	0.10	± 0.10	0.13	± 0.13	0.32	± 0.32
	RBC	$\times 10^{12}/L$	2.06	± 0.18	4.15	± 0.24	4.96	± 0.50
	HGB	g/L	54	± 4	129	± 6	169	± 8
	HCT	%	16.8	± 2.0	36.9	± 3.0	46.1	± 4.0
	MCV	fL	81.5	± 5.0	88.8	± 5.0	93.0	± 6.0
	MCH	pg	26.5	± 2.5	31.0	± 2.5	34.0	± 2.5
	MCHC	g/L	326	± 30	350	± 30	367	± 30
	RDW-CV	%	14.2	± 3.0	12.8	± 3.0	13.2	± 3.0
	RDW-SD	fL	52.4	± 10.0	51.9	± 10.0	56.0	± 12.0
	PLT	$\times 10^9/L$	56	± 20	232	± 40	440	± 60
	MPV	fL	9.1	± 3.0	9.0	± 3.0	8.8	± 3.0
	PDW	fL	10.9	± 3.0	12.6	± 3.0	11.8	± 3.0
	PCT	%	0.051	± 0.050	0.209	± 0.100	0.387	± 0.200

【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℃.
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Low



Normal



High