

CBC-DH

HEMATOLOGY CONTROL

Reference Values provided by DYMIND

CONTROL

LOT DH2503

 2025-02-05

 2025-05-05

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	$\times 10^9/L$	3.47	± 0.50	8.02	± 1.00	18.24	± 2.50
	Neu%	%	49.1	± 9.0	55.6	± 8.0	64.7	± 7.0
	Lym%	%	39.7	± 9.0	29.2	± 8.0	19.0	± 6.0
	Mon%	%	6.3	± 4.0	7.2	± 5.0	6.1	± 6.0
	Eos%	%	4.9	± 4.9	8.0	± 6.0	10.2	± 7.0
	Bas%	%	61.8	± 8.0	72.3	± 8.0	81.6	± 8.0
	Neu#	$\times 10^9/L$	1.70	± 0.40	4.46	± 0.70	11.80	± 1.40
	Lym#	$\times 10^9/L$	1.38	± 0.40	2.34	± 0.70	3.47	± 1.10
	Mon#	$\times 10^9/L$	0.22	± 0.14	0.58	± 0.50	1.11	± 1.10
	Eos#	$\times 10^9/L$	0.17	± 0.15	0.64	± 0.50	1.86	± 1.30
	Bas#	$\times 10^9/L$	2.14	± 0.30	5.80	± 0.70	14.88	± 1.50
	RBC	$\times 10^{12}/L$	2.24	± 0.18	4.47	± 0.24	5.17	± 0.50
	HGB	g/L	56	± 4	130	± 6	163	± 8
	HCT	%	18.6	± 2.0	41.9	± 3.0	52.6	± 4.0
	MCV	fL	83.0	± 5.0	93.7	± 5.0	101.8	± 6.0
	MCH	pg	25.4	± 2.5	29.4	± 2.5	32.0	± 2.5
	MCHC	g/L	311	± 30	318	± 30	319	± 30
	RDW-CV	%	18.4	± 3.0	16.4	± 3.0	15.7	± 3.0
	RDW-SD	fL	53.5	± 10.0	53.7	± 10.0	55.4	± 12.0
	PLT	$\times 10^9/L$	52	± 20	270	± 40	553	± 60
	MPV	fL	9.2	± 3.0	9.0	± 3.0	8.3	± 3.0
	PDW	fL	8.8	± 3.0	10.2	± 3.0	8.8	± 3.0
	PCT	%	0.048	± 0.048	0.243	± 0.100	0.459	± 0.200
	P-LCR	%	18.4	± 8.0	20.3	± 8.0	16.0	± 8.0
	P-LCC	$\times 10^9/L$	11	± 11	55	± 25	89	± 35
	PDW	/	9.9	± 3.0	10.1	± 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	$\times 10^9/L$	3.74 ± 0.50	8.83 ± 1.00	20.11 ± 2.50
	Neu%	%	49.0 ± 9.0	55.0 ± 8.0	66.1 ± 7.0
	Lym%	%	40.0 ± 9.0	29.7 ± 8.0	19.6 ± 6.0
	Mon%	%	6.6 ± 4.0	7.5 ± 5.0	6.0 ± 6.0
	Eos%	%	4.4 ± 4.4	7.8 ± 6.0	8.3 ± 7.0
	Bas%	%	62.5 ± 8.0	72.7 ± 8.0	82.0 ± 8.0
	Neu#	$\times 10^9/L$	1.83 ± 0.40	4.86 ± 0.70	13.29 ± 1.40
	Lym#	$\times 10^9/L$	1.50 ± 0.40	2.62 ± 0.70	3.94 ± 1.10
	Mon#	$\times 10^9/L$	0.25 ± 0.14	0.66 ± 0.50	1.21 ± 1.10
	Eos#	$\times 10^9/L$	0.16 ± 0.15	0.69 ± 0.50	1.67 ± 1.30
	Bas#	$\times 10^9/L$	2.34 ± 0.30	6.42 ± 0.70	16.49 ± 1.50
	RBC	$\times 10^{12}/L$	2.26 ± 0.18	4.50 ± 0.24	5.23 ± 0.50
	HGB	g/L	55 ± 4	128 ± 6	162 ± 8
	HCT	%	18.1 ± 2.0	40.4 ± 3.0	50.7 ± 4.0
	MCV	fL	80.3 ± 5.0	89.8 ± 5.0	97.0 ± 6.0
	MCH	pg	24.4 ± 2.5	28.5 ± 2.5	30.9 ± 2.5
	MCHC	g/L	310 ± 30	323 ± 30	325 ± 30
	RDW-CV	%	18.1 ± 3.0	16.0 ± 3.0	15.3 ± 3.0
	RDW-SD	fL	52.3 ± 10.0	52.2 ± 10.0	53.5 ± 12.0
	PLT	$\times 10^9/L$	52 ± 20	259 ± 40	529 ± 60
	MPV	fL	9.2 ± 3.0	8.9 ± 3.0	8.1 ± 3.0
	PDW	fL	8.1 ± 3.0	9.9 ± 3.0	8.4 ± 3.0
	PCT	%	0.048 ± 0.048	0.231 ± 0.100	0.428 ± 0.200
	P-LCR	%	18.0 ± 8.0	19.4 ± 8.0	15.0 ± 8.0
	P-LCC	$\times 10^9/L$	10 ± 10	50 ± 25	79 ± 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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Applicable Instruments	Parameter	Unit	Low	Normal	High
DYMIND UN71 UN73 UN76 DH73 Technical File Version A5.5 to A6.2)	WBC	$\times 10^9/L$	3.61 ± 0.50	8.15 ± 1.00	18.47 ± 2.50
	Neu%	%	50.0 ± 9.0	56.9 ± 8.0	65.9 ± 7.0
	Lym%	%	40.2 ± 9.0	30.1 ± 8.0	19.9 ± 6.0
	Mon%	%	6.3 ± 4.0	7.0 ± 5.0	5.9 ± 5.9
	Eos%	%	3.5 ± 3.5	6.0 ± 6.0	8.3 ± 7.0
	Bas%	%	0.7 ± 0.7	1.0 ± 1.0	0.8 ± 0.8
	Neu#	$\times 10^9/L$	1.80 ± 0.40	4.64 ± 0.70	12.17 ± 1.40
	Lym#	$\times 10^9/L$	1.45 ± 0.40	2.45 ± 0.70	3.68 ± 1.10
	Mon#	$\times 10^9/L$	0.23 ± 0.14	0.57 ± 0.50	1.09 ± 1.09
	Eos#	$\times 10^9/L$	0.13 ± 0.13	0.49 ± 0.49	1.53 ± 1.30
	Bas#	$\times 10^9/L$	0.03 ± 0.03	0.08 ± 0.08	0.15 ± 0.15
	RBC	$\times 10^{12}/L$	2.25 ± 0.18	4.51 ± 0.24	5.21 ± 0.50
	HGB	g/L	58 ± 4	133 ± 6	167 ± 8
	HCT	%	18.0 ± 2.0	40.7 ± 3.0	50.8 ± 4.0
	MCV	fL	80.1 ± 5.0	90.3 ± 5.0	97.6 ± 6.0
	MCH	pg	25.5 ± 2.5	29.3 ± 2.5	32.0 ± 2.5
	MCHC	g/L	322 ± 30	327 ± 30	331 ± 30
	RDW-CV	%	18.7 ± 3.0	16.8 ± 3.0	16.2 ± 3.0
	RDW-SD	fL	55.8 ± 10.0	56.4 ± 10.0	58.5 ± 12.0
	PLT	$\times 10^9/L$	62 ± 20	259 ± 40	507 ± 60
	MPV	fL	8.3 ± 3.0	8.9 ± 3.0	8.2 ± 3.0
	PDW	fL	9.4 ± 3.0	9.9 ± 3.0	8.5 ± 3.0
	PCT	%	0.051 ± 0.050	0.231 ± 0.100	0.416 ± 0.200
	P-LCR	%	16.8 ± 8.0	19.9 ± 8.0	15.9 ± 8.0
	P-LCC	$\times 10^9/L$	10 ± 10	52 ± 25	81 ± 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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Applicable Instruments	Parameter	Unit	Low		Normal		High	
DYMIND UN71 UN73 UN76 DH73 (Technical File Version A6.3 or higher)	WBC	$\times 10^9/L$	3.70	± 0.50	8.37	± 1.00	19.34	± 2.50
	Neu%	%	50.0	± 9.0	56.8	± 8.0	65.8	± 7.0
	Lym%	%	39.9	± 9.0	29.8	± 8.0	19.8	± 6.0
	Mon%	%	6.4	± 4.0	7.1	± 5.0	5.8	± 5.8
	Eos%	%	3.7	± 3.7	6.3	± 6.0	8.6	± 7.0
	Bas%	%	0.8	± 0.8	0.9	± 0.9	0.9	± 0.9
	Neu#	$\times 10^9/L$	1.84	± 0.40	4.76	± 0.70	12.73	± 1.40
	Lym#	$\times 10^9/L$	1.48	± 0.40	2.49	± 0.70	3.83	± 1.10
	Mon#	$\times 10^9/L$	0.24	± 0.14	0.59	± 0.50	1.12	± 1.10
	Eos#	$\times 10^9/L$	0.14	± 0.14	0.53	± 0.50	1.66	± 1.30
	Bas#	$\times 10^9/L$	0.03	± 0.03	0.08	± 0.08	0.17	± 0.17
	RBC	$\times 10^{12}/L$	2.29	± 0.18	4.56	± 0.24	5.26	± 0.50
	HGB	g/L	59	± 4	135	± 6	171	± 8
	HCT	%	18.5	± 2.0	41.8	± 3.0	52.1	± 4.0
	MCV	fL	80.7	± 5.0	91.6	± 5.0	99.1	± 6.0
	MCH	pg	25.1	± 2.5	28.9	± 2.5	31.9	± 2.5
	MCHC	g/L	317	± 30	323	± 30	329	± 30
	RDW-CV	%	18.0	± 3.0	16.3	± 3.0	15.6	± 3.0
	RDW-SD	fL	54.1	± 10.0	54.5	± 10.0	56.1	± 12.0
	PLT	$\times 10^9/L$	57	± 20	254	± 40	519	± 60
	MPV	fL	8.6	± 3.0	9.0	± 3.0	8.1	± 3.0
	PDW	fL	9.9	± 3.0	9.9	± 3.0	8.4	± 3.0
	PCT	%	0.049	± 0.049	0.229	± 0.100	0.420	± 0.200
	P-LCR	%	18.7	± 8.0	20.5	± 8.0	15.4	± 8.0
	P-LCC	$\times 10^9/L$	11	± 11	51	± 25	81	± 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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Applicable Instruments	Parameter	Unit	Low	Normal	High
DYMIND DH73 Vet (Technical File Version B5.5 or higher)	RBC	$\times 10^{12}/L$	2.37 ± 0.18	4.74 ± 0.24	5.51 ± 0.50
	HGB	g/L	58 ± 4	133 ± 6	169 ± 8
	HCT	%	19.5 ± 2.0	44.2 ± 3.0	55.6 ± 4.0
	MCV	fL	82.2 ± 5.0	93.2 ± 5.0	100.9 ± 6.0
	MCH	pg	24.3 ± 2.5	28.1 ± 2.5	30.8 ± 2.5
	MCHC	g/L	300 ± 30	306 ± 30	309 ± 30
	RDW-CV	%	18.0 ± 3.0	16.1 ± 3.0	15.5 ± 3.0
	RDW-SD	fL	51.8 ± 10.0	51.9 ± 10.0	53.6 ± 12.0
	PLT	$\times 10^9/L$	64 ± 20	263 ± 40	512 ± 60
	MPV	fL	8.6 ± 3.0	9.0 ± 3.0	8.2 ± 3.0
	PDW	fL	9.7 ± 3.0	10.2 ± 3.0	8.6 ± 3.0
	PCT	%	0.055 ± 0.050	0.237 ± 0.100	0.420 ± 0.200
	P-LCR	%	19.0 ± 8.0	20.5 ± 8.0	16.0 ± 8.0
	P-LCC	$\times 10^9/L$	12 ± 12	54 ± 25	82 ± 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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Applicable Instruments	Parameter	Unit	Low		Normal		High	
DYMIND DF50 DF51 DF52 DF53 DF55 DF56 (Technical File Version A11.2 to A11.6)	WBC	$\times 10^9/L$	3.56	± 0.50	8.07	± 1.00	18.31	± 2.50
	Neu%	%	48.2	± 9.0	54.9	± 8.0	63.4	± 7.0
	Lym%	%	41.4	± 9.0	31.0	± 8.0	19.4	± 6.0
	Mon%	%	4.6	± 4.0	4.8	± 4.8	5.7	± 5.7
	Eos%	%	5.8	± 5.0	9.3	± 6.0	11.5	± 7.0
	Bas%	%	0.7	± 0.7	0.9	± 0.9	0.8	± 0.8
	Neu#	$\times 10^9/L$	1.72	± 0.40	4.43	± 0.70	11.61	± 1.40
	Lym#	$\times 10^9/L$	1.47	± 0.40	2.50	± 0.70	3.55	± 1.10
	Mon#	$\times 10^9/L$	0.16	± 0.14	0.39	± 0.39	1.04	± 1.04
	Eos#	$\times 10^9/L$	0.21	± 0.15	0.75	± 0.50	2.11	± 1.30
	Bas#	$\times 10^9/L$	0.02	± 0.02	0.07	± 0.07	0.15	± 0.15
	RBC	$\times 10^{12}/L$	2.29	± 0.18	4.55	± 0.24	5.22	± 0.50
	HGB	g/L	57	± 4	132	± 6	167	± 8
	HCT	%	18.6	± 2.0	41.6	± 3.0	51.6	± 4.0
	MCV	fL	81.1	± 5.0	91.5	± 5.0	98.9	± 6.0
	MCH	pg	24.8	± 2.5	28.8	± 2.5	31.9	± 2.5
	MCHC	g/L	309	± 30	319	± 30	326	± 30
	RDW-CV	%	14.9	± 3.0	13.6	± 3.0	13.0	± 3.0
	RDW-SD	fL	50.6	± 10.0	51.2	± 10.0	52.8	± 12.0
	PLT	$\times 10^9/L$	68	± 20	262	± 40	495	± 60
	MPV	fL	9.0	± 3.0	9.2	± 3.0	8.4	± 3.0
	PDW	fL	10.2	± 3.0	12.0	± 3.0	10.5	± 3.0
	PCT	%	0.061	± 0.050	0.241	± 0.100	0.416	± 0.200
	P-LCR	%	27.0	± 8.0	30.5	± 8.0	24.7	± 8.0
	P-LCC	$\times 10^9/L$	18	± 15	80	± 25	122	± 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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Applicable Instruments	Parameter	Unit	Low		Normal		High	
DYMIND DF50 DF51 DF52 DF53 DF55 DF56 (Technical File Version A12.0 or higher)	WBC	$\times 10^9/L$	3.65	± 0.50	8.33	± 1.00	18.91	± 2.50
	Neu%	%	49.3	± 9.0	53.4	± 8.0	64.6	± 7.0
	Lym%	%	40.9	± 9.0	32.5	± 8.0	17.1	± 6.0
	Mon%	%	4.4	± 4.0	5.1	± 5.0	7.3	± 6.0
	Eos%	%	5.4	± 5.0	9.0	± 6.0	11.0	± 7.0
	Bas%	%	0.5	± 0.5	0.5	± 0.5	0.4	± 0.4
	Neu#	$\times 10^9/L$	1.80	± 0.40	4.45	± 0.70	12.22	± 1.40
	Lym#	$\times 10^9/L$	1.49	± 0.40	2.71	± 0.70	3.23	± 1.10
	Mon#	$\times 10^9/L$	0.16	± 0.14	0.42	± 0.42	1.38	± 1.10
	Eos#	$\times 10^9/L$	0.20	± 0.15	0.75	± 0.50	2.08	± 1.30
	Bas#	$\times 10^9/L$	0.02	± 0.02	0.04	± 0.04	0.08	± 0.08
	RBC	$\times 10^{12}/L$	2.30	± 0.18	4.59	± 0.24	5.28	± 0.50
	HGB	g/L	58	± 4	132	± 6	169	± 8
	HCT	%	18.4	± 2.0	40.6	± 3.0	50.1	± 4.0
	MCV	fL	80.1	± 5.0	88.5	± 5.0	94.9	± 6.0
	MCH	pg	25.0	± 2.5	28.9	± 2.5	32.1	± 2.5
	MCHC	g/L	315	± 30	330	± 30	342	± 30
	RDW-CV	%	15.6	± 3.0	14.1	± 3.0	13.6	± 3.0
	RDW-SD	fL	52.7	± 10.0	53.5	± 10.0	55.4	± 12.0
	PLT	$\times 10^9/L$	64	± 20	259	± 40	484	± 60
	MPV	fL	8.3	± 3.0	8.7	± 3.0	8.0	± 3.0
	PDW	fL	9.1	± 3.0	11.2	± 3.0	9.7	± 3.0
	PCT	%	0.053	± 0.050	0.225	± 0.100	0.387	± 0.200
	P-LCR	%	21.5	± 8.0	27.1	± 8.0	22.0	± 8.0
	P-LCC	$\times 10^9/L$	14	± 14	70	± 25	106	± 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

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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	$\times 10^9/L$	3.56	± 0.50	8.14	± 1.00	18.46	± 2.50
	Neu%	%	48.3	± 9.0	55.5	± 8.0	64.1	± 7.0
	Lym%	%	41.4	± 9.0	30.2	± 8.0	20.3	± 6.0
	Mon%	%	4.9	± 4.0	5.3	± 5.0	4.6	± 4.6
	Eos%	%	5.4	± 5.0	9.0	± 6.0	11.0	± 7.0
	Bas%	%	0.6	± 0.6	0.7	± 0.7	0.3	± 0.3
	Neu#	$\times 10^9/L$	1.73	± 0.40	4.52	± 0.70	11.83	± 1.40
	Lym#	$\times 10^9/L$	1.47	± 0.40	2.46	± 0.70	3.75	± 1.10
	Mon#	$\times 10^9/L$	0.17	± 0.14	0.43	± 0.43	0.85	± 0.85
	Eos#	$\times 10^9/L$	0.19	± 0.15	0.73	± 0.50	2.03	± 1.30
	Bas#	$\times 10^9/L$	0.02	± 0.02	0.06	± 0.06	0.06	± 0.06
	RBC	$\times 10^{12}/L$	2.25	± 0.18	4.52	± 0.24	5.18	± 0.50
	HGB	g/L	58	± 4	135	± 6	171	± 8
	HCT	%	18.1	± 2.0	40.5	± 3.0	49.7	± 4.0
	MCV	fL	80.5	± 5.0	89.5	± 5.0	95.9	± 6.0
	MCH	pg	25.9	± 2.5	30.1	± 2.5	33.4	± 2.5
	MCHC	g/L	325	± 30	340	± 30	352	± 30
	RDW-CV	%	15.2	± 3.0	13.8	± 3.0	13.2	± 3.0
	RDW-SD	fL	51.5	± 10.0	52.1	± 10.0	53.8	± 12.0
	PLT	$\times 10^9/L$	65	± 20	260	± 40	485	± 60
	MPV	fL	8.2	± 3.0	8.4	± 3.0	7.8	± 3.0
	PDW	fL	9.0	± 3.0	11.4	± 3.0	10.1	± 3.0
	PCT	%	0.053	± 0.050	0.218	± 0.100	0.378	± 0.200
	P-LCR	%	23.1	± 8.0	28.1	± 8.0	22.9	± 8.0
	P-LCC	$\times 10^9/L$	15	± 15	73	± 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.
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 DH2503

 2025-02-05

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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	$\times 10^9/L$	3.70 ± 0.50	8.38 ± 1.00	18.59 ± 2.50
	Neu%	%	50.9 ± 9.0	56.7 ± 8.0	66.1 ± 7.0
	Lym%	%	39.5 ± 9.0	29.1 ± 8.0	19.3 ± 6.0
	Mon%	%	6.1 ± 4.0	7.3 ± 5.0	6.1 ± 6.0
	Eos%	%	3.5 ± 3.5	6.9 ± 6.0	8.5 ± 7.0
	Bas%	%	61.3 ± 8.0	71.8 ± 8.0	81.3 ± 8.0
	Neu#	$\times 10^9/L$	1.88 ± 0.40	4.75 ± 0.70	12.29 ± 1.40
	Lym#	$\times 10^9/L$	1.46 ± 0.40	2.44 ± 0.70	3.59 ± 1.10
	Mon#	$\times 10^9/L$	0.23 ± 0.14	0.61 ± 0.50	1.13 ± 1.10
	Eos#	$\times 10^9/L$	0.13 ± 0.13	0.58 ± 0.50	1.58 ± 1.30
	Bas#	$\times 10^9/L$	2.27 ± 0.30	6.02 ± 0.70	15.11 ± 1.50
	RBC	$\times 10^{12}/L$	2.13 ± 0.18	4.29 ± 0.24	5.02 ± 0.50
	HGB	g/L	57 ± 4	132 ± 6	167 ± 8
	HCT	%	17.6 ± 2.0	40.0 ± 3.0	50.8 ± 4.0
	MCV	fL	82.4 ± 5.0	93.2 ± 5.0	101.1 ± 6.0
	MCH	pg	26.0 ± 2.5	30.1 ± 2.5	32.6 ± 2.5
	MCHC	g/L	322 ± 30	327 ± 30	327 ± 30
	RDW-CV	%	18.0 ± 3.0	16.0 ± 3.0	15.5 ± 3.0
	RDW-SD	fL	52.1 ± 10.0	52.0 ± 10.0	54.1 ± 12.0
	PLT	$\times 10^9/L$	52 ± 20	251 ± 40	505 ± 60
	MPV	fL	9.3 ± 3.0	9.2 ± 3.0	8.5 ± 3.0
	PDW	fL	9.5 ± 3.0	10.5 ± 3.0	9.1 ± 3.0
	PCT	%	0.048 ± 0.048	0.231 ± 0.100	0.429 ± 0.200
	P-LCR	%	20.1 ± 8.0	21.3 ± 8.0	16.9 ± 8.0
	P-LCC	$\times 10^9/L$	10 ± 10	53 ± 25	86 ± 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 DH2503

 2025-02-05

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Applicable Instruments	Parameter	Unit	Low	Normal	High
DYMIND DH71 DH76 (Technical File Version A10.4)	WBC	$\times 10^9/L$	3.43 ± 0.50	7.64 ± 1.00	16.75 ± 2.50
	Neu%	%	49.0 ± 9.0	55.8 ± 8.0	65.0 ± 7.0
	Lym%	%	40.6 ± 9.0	30.1 ± 8.0	19.8 ± 6.0
	Mon%	%	6.5 ± 4.0	7.3 ± 5.0	6.2 ± 6.0
	Eos%	%	3.9 ± 3.9	6.8 ± 6.0	9.0 ± 7.0
	Bas%	%	59.7 ± 8.0	70.9 ± 8.0	80.7 ± 8.0
	Neu#	$\times 10^9/L$	1.69 ± 0.40	4.26 ± 0.70	10.88 ± 1.40
	Lym#	$\times 10^9/L$	1.39 ± 0.40	2.30 ± 0.70	3.32 ± 1.10
	Mon#	$\times 10^9/L$	0.22 ± 0.14	0.56 ± 0.50	1.04 ± 1.04
	Eos#	$\times 10^9/L$	0.13 ± 0.13	0.52 ± 0.50	1.51 ± 1.30
	Bas#	$\times 10^9/L$	2.05 ± 0.30	5.42 ± 0.70	13.52 ± 1.50
	RBC	$\times 10^{12}/L$	2.23 ± 0.18	4.53 ± 0.24	5.31 ± 0.50
	HGB	g/L	55 ± 4	129 ± 6	162 ± 8
	HCT	%	17.9 ± 2.0	40.7 ± 3.0	51.5 ± 4.0
	MCV	fL	80.1 ± 5.0	89.9 ± 5.0	97.0 ± 6.0
	MCH	pg	22.8 ± 2.5	26.3 ± 2.5	28.3 ± 2.5
	MCHC	g/L	288 ± 30	296 ± 30	295 ± 30
	RDW-CV	%	18.1 ± 3.0	16.2 ± 3.0	15.5 ± 3.0
	RDW-SD	fL	53.0 ± 10.0	53.0 ± 10.0	54.7 ± 12.0
	PLT	$\times 10^9/L$	55 ± 20	255 ± 40	514 ± 60
	MPV	fL	9.3 ± 3.0	9.1 ± 3.0	8.3 ± 3.0
	PDW	fL	9.5 ± 3.0	10.4 ± 3.0	9.0 ± 3.0
	PCT	%	0.051 ± 0.050	0.232 ± 0.100	0.427 ± 0.200
	P-LCR	%	20.7 ± 8.0	20.8 ± 8.0	16.6 ± 8.0
	P-LCC	$\times 10^9/L$	11 ± 11	53 ± 25	85 ± 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 DH2503

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Applicable Instruments	Parameter	Unit	Low		Normal		High	
DYMIND DH71 DH76 (Technical File Version A10.5 or higher)	WBC	$\times 10^9/L$	3.81	± 0.50	8.68	± 1.00	19.70	± 2.50
	Neu%	%	49.0	± 9.0	55.7	± 8.0	64.9	± 7.0
	Lym%	%	40.2	± 9.0	29.8	± 8.0	19.6	± 6.0
	Mon%	%	6.6	± 4.0	7.4	± 5.0	6.2	± 6.0
	Eos%	%	4.2	± 4.2	7.1	± 6.0	9.3	± 7.0
	Bas%	%	62.6	± 8.0	72.8	± 8.0	82.4	± 8.0
	Neu#	$\times 10^9/L$	1.87	± 0.40	4.83	± 0.70	12.79	± 1.40
	Lym#	$\times 10^9/L$	1.53	± 0.40	2.59	± 0.70	3.86	± 1.10
	Mon#	$\times 10^9/L$	0.25	± 0.14	0.64	± 0.50	1.22	± 1.10
	Eos#	$\times 10^9/L$	0.16	± 0.15	0.62	± 0.50	1.83	± 1.30
	Bas#	$\times 10^9/L$	2.39	± 0.30	6.32	± 0.70	16.23	± 1.50
	RBC	$\times 10^{12}/L$	2.28	± 0.18	4.63	± 0.24	5.37	± 0.50
	HGB	g/L	57	± 4	134	± 6	170	± 8
	HCT	%	18.1	± 2.0	41.4	± 3.0	51.9	± 4.0
	MCV	fL	79.5	± 5.0	89.5	± 5.0	96.7	± 6.0
	MCH	pg	24.9	± 2.5	28.7	± 2.5	31.3	± 2.5
	MCHC	g/L	318	± 30	326	± 30	328	± 30
	RDW-CV	%	18.2	± 3.0	16.1	± 3.0	15.4	± 3.0
	RDW-SD	fL	52.6	± 10.0	52.3	± 10.0	53.9	± 12.0
	PLT	$\times 10^9/L$	51	± 20	262	± 40	517	± 60
	MPV	fL	9.1	± 3.0	8.8	± 3.0	8.0	± 3.0
	PDW	fL	8.5	± 3.0	9.7	± 3.0	8.2	± 3.0
	PCT	%	0.046	± 0.046	0.231	± 0.100	0.414	± 0.200
	P-LCR	%	17.8	± 8.0	19.2	± 8.0	14.6	± 8.0
	P-LCC	$\times 10^9/L$	11	± 11	50	± 25	75	± 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 DH2503

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Applicable Instruments	Parameter	Unit	Low		Normal		High	
DYMIND D2-CRP D7-CRP DH71CRP DH73CRP (Technical File Version A6.0 to A 6.5)	WBC	$\times 10^9/L$	3.72	± 0.50	8.48	± 1.00	19.04	± 2.50
	Neu%	%	50.0	± 9.0	55.8	± 8.0	65.1	± 7.0
	Lym%	%	40.4	± 9.0	29.9	± 8.0	19.6	± 6.0
	Mon%	%	6.6	± 4.0	7.3	± 5.0	6.2	± 6.0
	Eos%	%	3.0	± 3.0	7.0	± 6.0	9.1	± 7.0
	Bas%	%	62.4	± 8.0	73.0	± 8.0	82.1	± 8.0
	Neu#	$\times 10^9/L$	1.86	± 0.40	4.73	± 0.70	12.40	± 1.40
	Lym#	$\times 10^9/L$	1.50	± 0.40	2.54	± 0.70	3.73	± 1.10
	Mon#	$\times 10^9/L$	0.25	± 0.14	0.62	± 0.50	1.18	± 1.10
	Eos#	$\times 10^9/L$	0.11	± 0.11	0.59	± 0.50	1.73	± 1.30
	Bas#	$\times 10^9/L$	2.32	± 0.30	6.19	± 0.70	15.63	± 1.50
	RBC	$\times 10^{12}/L$	2.28	± 0.18	4.61	± 0.24	5.31	± 0.50
	HGB	g/L	57	± 4	134	± 6	168	± 8
	HCT	%	18.4	± 2.0	41.4	± 3.0	51.5	± 4.0
	MCV	fL	80.7	± 5.0	89.9	± 5.0	96.9	± 6.0
	MCH	pg	25.3	± 2.5	29.4	± 2.5	32.0	± 2.5
	MCHC	g/L	318	± 30	331	± 30	333	± 30
	RDW-CV	%	18.4	± 3.0	16.4	± 3.0	15.7	± 3.0
	RDW-SD	fL	53.3	± 10.0	53.6	± 10.0	55.3	± 12.0
	PLT	$\times 10^9/L$	52	± 20	266	± 40	544	± 60
	MPV	fL	9.3	± 3.0	9.2	± 3.0	8.4	± 3.0
	PDW	fL	8.8	± 3.0	10.6	± 3.0	9.0	± 3.0
	PCT	%	0.048	± 0.048	0.245	± 0.100	0.457	± 0.200
	P-LCR	%	19.3	± 8.0	21.4	± 8.0	16.6	± 8.0
	P-LCC	$\times 10^9/L$	11	± 11	57	± 25	90	± 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 DH2503

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Applicable Instruments	Parameter	Unit	Low	Normal	High
DYMIND D2-CRP D7-CRP DH71CRP DH73CRP (Technical File Version A6.6 or higher)	WBC	$\times 10^9/L$	3.97 ± 0.50	8.96 ± 1.00	20.41 ± 2.50
	Neu%	%	48.8 ± 9.0	55.2 ± 8.0	64.1 ± 7.0
	Lym%	%	40.0 ± 9.0	29.6 ± 8.0	19.7 ± 6.0
	Mon%	%	6.4 ± 4.0	7.3 ± 5.0	6.1 ± 6.0
	Eos%	%	4.8 ± 4.8	7.9 ± 6.0	10.1 ± 7.0
	Bas%	%	62.8 ± 8.0	73.1 ± 8.0	82.7 ± 8.0
	Neu#	$\times 10^9/L$	1.94 ± 0.40	4.95 ± 0.70	13.08 ± 1.40
	Lym#	$\times 10^9/L$	1.59 ± 0.40	2.65 ± 0.70	4.02 ± 1.10
	Mon#	$\times 10^9/L$	0.25 ± 0.14	0.65 ± 0.50	1.25 ± 1.10
	Eos#	$\times 10^9/L$	0.19 ± 0.15	0.71 ± 0.50	2.06 ± 1.30
	Bas#	$\times 10^9/L$	2.49 ± 0.30	6.55 ± 0.70	16.88 ± 1.50
	RBC	$\times 10^{12}/L$	2.32 ± 0.18	4.65 ± 0.24	5.34 ± 0.50
	HGB	g/L	58 ± 4	135 ± 6	170 ± 8
	HCT	%	18.4 ± 2.0	41.3 ± 3.0	51.4 ± 4.0
	MCV	fL	79.4 ± 5.0	88.9 ± 5.0	96.3 ± 6.0
	MCH	pg	25.1 ± 2.5	29.1 ± 2.5	31.8 ± 2.5
	MCHC	g/L	319 ± 30	331 ± 30	334 ± 30
	RDW-CV	%	18.1 ± 3.0	16.1 ± 3.0	15.3 ± 3.0
	RDW-SD	fL	52.4 ± 10.0	52.2 ± 10.0	53.6 ± 12.0
	PLT	$\times 10^9/L$	53 ± 20	258 ± 40	525 ± 60
	MPV	fL	8.8 ± 3.0	8.6 ± 3.0	7.8 ± 3.0
	PDW	fL	7.9 ± 3.0	9.2 ± 3.0	7.7 ± 3.0
	PCT	%	0.047 ± 0.047	0.222 ± 0.100	0.410 ± 0.200
	P-LCR	%	16.2 ± 8.0	17.6 ± 8.0	13.5 ± 8.0
	P-LCC	$\times 10^9/L$	11 ± 11	46 ± 25	71 ± 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 DH2503

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Applicable Instruments	Parameter	Unit	Low		Normal		High	
DYMIND D6-CRP DH76CRP (Technical File Version B1.0 to B2.0)	WBC	$\times 10^9/L$	3.70	± 0.50	8.33	± 1.00	18.64	± 2.50
	Neu%	%	49.8	± 9.0	56.2	± 8.0	65.6	± 7.0
	Lym%	%	39.9	± 9.0	29.7	± 8.0	19.6	± 6.0
	Mon%	%	6.7	± 4.0	7.7	± 5.0	6.3	± 6.0
	Eos%	%	3.6	± 3.6	6.4	± 6.0	8.5	± 7.0
	Bas%	%	62.2	± 8.0	72.6	± 8.0	82.0	± 8.0
	Neu#	$\times 10^9/L$	1.84	± 0.40	4.69	± 0.70	12.24	± 1.40
	Lym#	$\times 10^9/L$	1.48	± 0.40	2.47	± 0.70	3.65	± 1.10
	Mon#	$\times 10^9/L$	0.25	± 0.14	0.64	± 0.50	1.17	± 1.10
	Eos#	$\times 10^9/L$	0.13	± 0.13	0.53	± 0.50	1.58	± 1.30
	Bas#	$\times 10^9/L$	2.30	± 0.30	6.05	± 0.70	15.28	± 1.50
	RBC	$\times 10^{12}/L$	2.25	± 0.18	4.59	± 0.24	5.24	± 0.50
	HGB	g/L	59	± 4	134	± 6	168	± 8
	HCT	%	17.9	± 2.0	40.8	± 3.0	50.3	± 4.0
	MCV	fL	79.7	± 5.0	88.9	± 5.0	95.9	± 6.0
	MCH	pg	26.6	± 2.5	29.4	± 2.5	32.2	± 2.5
	MCHC	g/L	337	± 30	333	± 30	339	± 30
	RDW-CV	%	18.3	± 3.0	16.3	± 3.0	15.6	± 3.0
	RDW-SD	fL	52.5	± 10.0	52.6	± 10.0	54.2	± 12.0
	PLT	$\times 10^9/L$	58	± 20	266	± 40	533	± 60
	MPV	fL	8.1	± 3.0	8.6	± 3.0	7.8	± 3.0
	PDW	fL	8.7	± 3.0	9.4	± 3.0	7.9	± 3.0
	PCT	%	0.047	± 0.047	0.229	± 0.100	0.416	± 0.200
	P-LCR	%	16.0	± 8.0	17.9	± 8.0	13.7	± 8.0
	P-LCC	$\times 10^9/L$	11	± 11	48	± 25	73	± 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 DH2503

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Applicable Instruments	Parameter	Unit	Low	Normal	High
DYMIND D6-CRP DH76CRP (Technical File Version B2.2 or higher)	WBC	$\times 10^9/L$	3.94 ± 0.50	8.84 ± 1.00	19.77 ± 2.50
	Neu%	%	48.9 ± 9.0	55.4 ± 8.0	66.4 ± 7.0
	Lym%	%	39.9 ± 9.0	29.9 ± 8.0	19.5 ± 6.0
	Mon%	%	6.3 ± 4.0	7.2 ± 5.0	6.0 ± 6.0
	Eos%	%	4.9 ± 4.9	7.5 ± 6.0	8.1 ± 7.0
	Bas%	%	62.9 ± 8.0	72.9 ± 8.0	82.3 ± 8.0
	Neu#	$\times 10^9/L$	1.93 ± 0.40	4.90 ± 0.70	13.12 ± 1.40
	Lym#	$\times 10^9/L$	1.57 ± 0.40	2.64 ± 0.70	3.86 ± 1.10
	Mon#	$\times 10^9/L$	0.25 ± 0.14	0.64 ± 0.50	1.19 ± 1.10
	Eos#	$\times 10^9/L$	0.19 ± 0.15	0.66 ± 0.50	1.60 ± 1.30
	Bas#	$\times 10^9/L$	2.48 ± 0.30	6.44 ± 0.70	16.27 ± 1.50
	RBC	$\times 10^{12}/L$	2.35 ± 0.18	4.73 ± 0.24	5.41 ± 0.50
	HGB	g/L	60 ± 4	135 ± 6	168 ± 8
	HCT	%	18.9 ± 2.0	42.6 ± 3.0	52.7 ± 4.0
	MCV	fL	80.6 ± 5.0	90.1 ± 5.0	97.4 ± 6.0
	MCH	pg	25.6 ± 2.5	28.8 ± 2.5	31.4 ± 2.5
	MCHC	g/L	324 ± 30	325 ± 30	329 ± 30
	RDW-CV	%	18.2 ± 3.0	16.2 ± 3.0	15.3 ± 3.0
	RDW-SD	fL	53.1 ± 10.0	53.0 ± 10.0	54.4 ± 12.0
	PLT	$\times 10^9/L$	57 ± 20	267 ± 40	542 ± 60
	MPV	fL	8.3 ± 3.0	8.8 ± 3.0	8.0 ± 3.0
	PDW	fL	9.2 ± 3.0	9.8 ± 3.0	8.4 ± 3.0
	PCT	%	0.047 ± 0.047	0.235 ± 0.100	0.434 ± 0.200
	P-LCR	%	17.1 ± 8.0	19.4 ± 8.0	14.8 ± 8.0
	P-LCC	$\times 10^9/L$	11 ± 11	52 ± 25	81 ± 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 DH2503

2025-02-05

2025-05-05

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	$\times 10^9/L$	3.58 ± 0.50	8.18 ± 1.00	18.53 ± 2.50
	Neu%	%	48.5 ± 9.0	54.0 ± 8.0	62.5 ± 7.0
	Lym%	%	40.7 ± 9.0	31.7 ± 8.0	19.5 ± 8.0
	Mon%	%	4.8 ± 4.0	5.0 ± 5.0	6.5 ± 6.5
	Eos%	%	6.0 ± 5.0	9.3 ± 6.0	11.5 ± 7.0
	Bas%	%	0.5 ± 0.5	0.5 ± 0.5	0.5 ± 0.5
	Neu#	$\times 10^9/L$	1.74 ± 0.40	4.42 ± 0.70	11.59 ± 1.40
	Lym#	$\times 10^9/L$	1.46 ± 0.40	2.59 ± 0.70	3.61 ± 1.40
	Mon#	$\times 10^9/L$	0.17 ± 0.14	0.41 ± 0.41	1.20 ± 1.20
	Eos#	$\times 10^9/L$	0.21 ± 0.15	0.76 ± 0.50	2.13 ± 1.30
	Bas#	$\times 10^9/L$	0.02 ± 0.02	0.04 ± 0.04	0.09 ± 0.09
	RBC	$\times 10^{12}/L$	2.34 ± 0.18	4.63 ± 0.24	5.32 ± 0.50
	HGB	g/L	58 ± 4	136 ± 6	173 ± 8
	HCT	%	18.6 ± 2.0	41.8 ± 3.0	52.2 ± 4.0
	MCV	fL	79.7 ± 5.0	90.3 ± 5.0	98.1 ± 6.0
	MCH	pg	24.7 ± 2.5	29.4 ± 2.5	32.8 ± 2.5
	MCHC	g/L	315 ± 30	330 ± 30	340 ± 30
	RDW-CV	%	14.2 ± 3.0	13.0 ± 3.0	12.4 ± 3.0
	RDW-SD	fL	48.0 ± 10.0	48.8 ± 10.0	50.3 ± 12.0
	PLT	$\times 10^9/L$	66 ± 20	258 ± 40	480 ± 60
	MPV	fL	8.2 ± 3.0	8.2 ± 3.0	7.7 ± 3.0
	PDW	fL	9.1 ± 3.0	10.7 ± 3.0	9.4 ± 3.0
	PCT	%	0.054 ± 0.050	0.212 ± 0.100	0.370 ± 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 DH2503

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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	$\times 10^9/L$	3.86	± 0.50	8.90	± 1.00	20.44	± 2.50
	Neu%	%	48.5	± 9.0	53.9	± 8.0	63.4	± 7.0
	Lym%	%	40.8	± 9.0	31.8	± 8.0	18.4	± 6.0
	Mon%	%	5.2	± 4.0	5.2	± 5.0	7.2	± 6.0
	Eos%	%	5.5	± 5.0	9.1	± 6.0	11.0	± 7.0
	Bas%	%	0.4	± 0.4	0.6	± 0.6	0.4	± 0.4
	Neu#	$\times 10^9/L$	1.88	± 0.40	4.80	± 0.70	12.96	± 1.40
	Lym#	$\times 10^9/L$	1.57	± 0.40	2.83	± 0.70	3.76	± 1.10
	Mon#	$\times 10^9/L$	0.20	± 0.14	0.46	± 0.46	1.47	± 1.10
	Eos#	$\times 10^9/L$	0.21	± 0.15	0.81	± 0.50	2.25	± 1.30
	Bas#	$\times 10^9/L$	0.02	± 0.02	0.05	± 0.05	0.08	± 0.08
	RBC	$\times 10^{12}/L$	2.22	± 0.18	4.41	± 0.24	5.06	± 0.50
	HGB	g/L	57	± 4	131	± 6	166	± 8
	HCT	%	17.8	± 2.0	39.2	± 3.0	48.3	± 4.0
	MCV	fL	80.3	± 5.0	88.8	± 5.0	95.4	± 6.0
	MCH	pg	25.7	± 2.5	29.5	± 2.5	32.7	± 2.5
	MCHC	g/L	325	± 30	337	± 30	348	± 30
	RDW-CV	%	16.1	± 3.0	14.8	± 3.0	14.2	± 3.0
	RDW-SD	fL	54.7	± 10.0	56.3	± 10.0	58.5	± 12.0
	PLT	$\times 10^9/L$	49	± 20	261	± 40	540	± 60
	MPV	fL	8.2	± 3.0	8.0	± 3.0	7.5	± 3.0
	PDW	fL	7.9	± 3.0	10.0	± 3.0	8.8	± 3.0
	PCT	%	0.040	± 0.040	0.209	± 0.100	0.405	± 0.200
	P-LCR	%	19.1	± 8.0	22.4	± 8.0	18.6	± 8.0
	P-LCC	$\times 10^9/L$	11	± 11	59	± 25	100	± 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℃.
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Low



Normal



High

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Applicable Instruments	Parameter	Unit	Low		Normal		High	
DYMIND DM71X DM72X DM78X DM79X (Technical File Version A1.0 or higher)	WBC	$\times 10^9/L$	3.73	± 0.50	8.39	± 1.00	18.80	± 2.50
	Neu%	%	50.1	± 9.0	55.3	± 8.0	64.0	± 7.0
	Lym%	%	39.2	± 9.0	29.2	± 8.0	19.2	± 6.0
	Mon%	%	6.5	± 4.0	7.3	± 5.0	6.0	± 6.0
	Eos%	%	4.2	± 4.2	8.2	± 6.0	10.8	± 7.0
	Bas%	%	61.6	± 8.0	72.2	± 8.0	81.8	± 8.0
	Neu#	$\times 10^9/L$	1.87	± 0.40	4.64	± 0.70	12.03	± 1.40
	Lym#	$\times 10^9/L$	1.46	± 0.40	2.45	± 0.70	3.61	± 1.10
	Mon#	$\times 10^9/L$	0.24	± 0.14	0.61	± 0.50	1.13	± 1.10
	Eos#	$\times 10^9/L$	0.16	± 0.15	0.69	± 0.50	2.03	± 1.30
	Bas#	$\times 10^9/L$	2.30	± 0.30	6.06	± 0.70	15.38	± 1.50
	RBC	$\times 10^{12}/L$	2.27	± 0.18	4.59	± 0.24	5.29	± 0.50
	HGB	g/L	60	± 4	134	± 6	168	± 8
	HCT	%	17.9	± 2.0	41.0	± 3.0	51.3	± 4.0
	MCV	fL	78.7	± 5.0	89.3	± 5.0	96.9	± 6.0
	MCH	pg	26.2	± 2.5	29.2	± 2.5	31.7	± 2.5
	MCHC	g/L	337	± 30	330	± 30	330	± 30
	RDW-CV	%	18.4	± 3.0	16.4	± 3.0	15.6	± 3.0
	RDW-SD	fL	52.7	± 10.0	52.9	± 10.0	54.6	± 12.0
	PLT	$\times 10^9/L$	54	± 20	260	± 40	541	± 60
	MPV	fL	8.1	± 3.0	8.6	± 3.0	7.9	± 3.0
	PDW	fL	8.9	± 3.0	9.5	± 3.0	8.1	± 3.0
	PCT	%	0.044	± 0.044	0.224	± 0.100	0.427	± 0.200
	P-LCR	%	15.4	± 8.0	17.9	± 8.0	13.9	± 8.0
	P-LCC	$\times 10^9/L$	10	± 10	46	± 25	75	± 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

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CONTROL

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Applicable Instruments	Parameter	Unit	Low	Normal	High
DYMIND UN71 Vet UN73 Vet (Technical File Version A1.0 or higher)	WBC	$\times 10^9/L$	3.67 ± 0.50	8.29 ± 1.00	19.07 ± 2.50
	Neu%	%	49.6 ± 9.0	57.2 ± 8.0	66.6 ± 7.0
	Lym%	%	39.9 ± 9.0	30.2 ± 8.0	20.3 ± 6.0
	Mon%	%	6.1 ± 4.0	7.2 ± 5.0	5.9 ± 5.9
	Eos%	%	4.4 ± 4.4	5.4 ± 5.4	7.2 ± 7.0
	Bas%	%	0.7 ± 0.7	0.9 ± 0.9	0.9 ± 0.9
	Neu#	$\times 10^9/L$	1.83 ± 0.40	4.74 ± 0.70	12.70 ± 1.40
	Lym#	$\times 10^9/L$	1.46 ± 0.40	2.50 ± 0.70	3.87 ± 1.10
	Mon#	$\times 10^9/L$	0.22 ± 0.14	0.60 ± 0.50	1.13 ± 1.10
	Eos#	$\times 10^9/L$	0.16 ± 0.15	0.45 ± 0.45	1.37 ± 1.30
	Bas#	$\times 10^9/L$	0.03 ± 0.03	0.07 ± 0.07	0.17 ± 0.17
	RBC	$\times 10^{12}/L$	2.31 ± 0.18	4.55 ± 0.24	5.22 ± 0.50
	HGB	g/L	60 ± 4	133 ± 6	167 ± 8
	HCT	%	18.2 ± 2.0	40.8 ± 3.0	50.7 ± 4.0
	MCV	fL	79.0 ± 5.0	89.6 ± 5.0	97.2 ± 6.0
	MCH	pg	25.7 ± 2.5	29.2 ± 2.5	31.9 ± 2.5
	MCHC	g/L	329 ± 30	329 ± 30	332 ± 30
	RDW-CV	%	18.5 ± 3.0	16.4 ± 3.0	15.5 ± 3.0
	RDW-SD	fL	46.3 ± 10.0	46.1 ± 10.0	47.2 ± 12.0
	PLT	$\times 10^9/L$	48 ± 20	248 ± 40	481 ± 60
	MPV	fL	8.8 ± 3.0	8.1 ± 3.0	7.6 ± 3.0
	PDW	fL	7.1 ± 3.0	8.7 ± 3.0	7.3 ± 3.0
	PCT	%	0.042 ± 0.042	0.201 ± 0.100	0.366 ± 0.200
	P-LCR	%	14.5 ± 8.0	15.9 ± 8.0	12.9 ± 8.0
	P-LCC	$\times 10^9/L$	10 ± 10	39 ± 25	62 ± 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.
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Low



Normal



High

CBC-DH

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Applicable Instruments	Parameter	Unit	Low		Normal		High	
DYMIND DM60 Vet DM61 Vet DM62 Vet DM63 Vet (Technical File Version A1.4 or higher)	WBC	$\times 10^9/L$	3.27	± 0.50	7.40	± 1.00	16.95	± 2.50
	Neu%	%	48.9	± 9.0	54.8	± 8.0	63.5	± 7.0
	Lym%	%	40.8	± 9.0	30.4	± 8.0	20.1	± 6.0
	Mon%	%	4.7	± 4.0	5.5	± 5.0	5.0	± 5.0
	Eos%	%	5.6	± 5.0	9.3	± 6.0	11.4	± 7.0
	Bas%	%	0.5	± 0.5	0.5	± 0.5	0.4	± 0.4
	Neu#	$\times 10^9/L$	1.61	± 0.40	4.05	± 0.70	10.76	± 1.40
	Lym#	$\times 10^9/L$	1.33	± 0.40	2.25	± 0.70	3.41	± 1.10
	Mon#	$\times 10^9/L$	0.15	± 0.14	0.41	± 0.41	0.85	± 0.85
	Eos#	$\times 10^9/L$	0.18	± 0.15	0.69	± 0.50	1.93	± 1.30
	Bas#	$\times 10^9/L$	0.02	± 0.02	0.04	± 0.04	0.07	± 0.07
	RBC	$\times 10^{12}/L$	2.16	± 0.18	4.27	± 0.24	4.94	± 0.50
	HGB	g/L	55	± 4	130	± 6	167	± 8
	HCT	%	17.2	± 2.0	37.8	± 3.0	46.9	± 4.0
	MCV	fL	79.4	± 5.0	88.5	± 5.0	95.0	± 6.0
	MCH	pg	25.3	± 2.5	30.0	± 2.5	33.4	± 2.5
	MCHC	g/L	323	± 30	343	± 30	356	± 30
	RDW-CV	%	14.2	± 3.0	12.8	± 3.0	12.2	± 3.0
	RDW-SD	fL	50.6	± 10.0	51.2	± 10.0	52.7	± 12.0
	PLT	$\times 10^9/L$	57	± 20	244	± 40	458	± 60
	MPV	fL	8.2	± 3.0	8.2	± 3.0	7.6	± 3.0
	PDW	fL	8.2	± 3.0	10.5	± 3.0	9.1	± 3.0
	PCT	%	0.047	± 0.047	0.200	± 0.100	0.348	± 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