Günter Keul GmbH

CBC-DH

HEMATOLOGY CONTROL

Reference Values provided by DYMIND

CONTROL

LOT DH2611

2026-10-08

2027-01-05

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**	$\times10^9$/L	**3.62**	±0.50	**8.71**	±1.00	**20.29**	±2.50
	Neu%	%	49.7	±9.0	57.4	±8.0	66.9	±7.0
	Lym%	%	39.1	±9.0	30.2	±8.0	20.5	±6.0
	Mon%	%	7.4	±4.0	7.5	±5.0	7.1	±6.0
	Eos%	%	3.8	±3.8	4.9	±4.9	5.5	±5.5
	Bas%	%	63.4	±8.0	72.2	±8.0	81.6	±8.0
	Neu#	$\times10^9$/L	1.79	±0.40	5.00	±0.70	13.57	±1.40
	Lym#	$\times10^9$/L	1.42	±0.40	2.63	±0.70	4.16	±1.10
	Mon#	$\times10^9$/L	0.27	±0.14	0.65	±0.50	1.44	±1.10
	Eos#	$\times10^9$/L	0.14	±0.14	0.43	±0.43	1.12	±1.12
	Bas#	$\times10^9$/L	2.30	±0.30	6.29	±0.70	16.56	±1.50
	RBC	$\times10^{12}$/L	**2.30**	±0.18	**4.58**	±0.24	**5.28**	±0.50
	HGB	g/L	**61**	±4	**135**	±6	**168**	±8
	HCT	%	19.6	±2.0	41.1	±3.0	51.3	±4.0
	MCV	fL	**85.1**	±5.0	**89.7**	±5.0	**97.2**	±6.0
	MCH	pg	26.5	±2.5	29.5	±2.5	31.8	±2.5
	MCHC	g/L	311	±30	328	±30	327	±30
	RDW-CV	%	19.1	±3.0	16.7	±3.0	15.9	±3.0
	RDW-SD	fL	59.3	±10.0	54.7	±10.0	56.5	±12.0
	PLT	$\times10^9$/L	**56**	±20	**254**	±40	**511**	±60
	MPV	fL	8.7	±3.0	8.0	±3.0	8.2	±3.0
	PDW	fL	7.1	±3.0	7.9	±3.0	8.7	±3.0
	PCT	%	0.049	±0.049	0.203	±0.100	0.419	±0.200
	P-LCR	%	15.5	±8.0	14.8	±8.0	15.3	±8.0
	P-LCC	$\times10^9$/L	9	±9	38	±25	88	±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.

Günter Keul GmbH

CBC-DH

HEMATOLOGY CONTROL

Reference Values provided by DYMIND

CONTROL

LOT DH2611

2026-10-08

2027-01-05

Applicable Instruments	Parameter	Unit	Low		Normal		High	
DYMIND UN71 UN73 UN76 DH73 (Technical File Version A6.3 or higher)	**WBC**	$\times10^9$/L	**3.68**	±0.50	**8.49**	±1.00	**19.53**	±2.50
	Neu%	%	49.0	±9.0	56.2	±8.0	64.8	±7.0
	Lym%	%	38.2	±9.0	29.9	±8.0	20.3	±6.0
	Mon%	%	7.0	±4.0	7.0	±5.0	6.6	±6.0
	Eos%	%	5.0	±5.0	6.0	±6.0	7.4	±7.0
	Bas%	%	0.8	±0.8	0.9	±0.9	0.9	±0.9
	Neu#	$\times10^9$/L	1.80	±0.40	4.77	±0.70	12.65	±1.40
	Lym#	$\times10^9$/L	1.41	±0.40	2.54	±0.70	3.96	±1.10
	Mon#	$\times10^9$/L	0.26	±0.14	0.59	±0.50	1.29	±1.10
	Eos#	$\times10^9$/L	0.18	±0.15	0.51	±0.50	1.45	±1.30
	Bas#	$\times10^9$/L	0.03	±0.03	0.08	±0.08	0.18	±0.18
	RBC	$\times10^{12}$/L	**2.33**	±0.18	**4.64**	±0.24	**5.34**	±0.50
	HGB	g/L	**62**	±4	**137**	±6	**172**	±8
	HCT	%	19.5	±2.0	41.7	±3.0	52.3	±4.0
	MCV	fL	**83.8**	±5.0	**89.9**	±5.0	**98.0**	±6.0
	MCH	pg	26.6	±2.5	29.5	±2.5	32.2	±2.5
	MCHC	g/L	318	±30	329	±30	329	±30
	RDW-CV	%	18.9	±3.0	16.6	±3.0	15.9	±3.0
	RDW-SD	fL	60.0	±10.0	55.5	±10.0	57.7	±12.0
	PLT	$\times10^9$/L	**55**	±20	**240**	±40	**481**	±60
	MPV	fL	8.7	±3.0	7.8	±3.0	8.0	±3.0
	PDW	fL	7.6	±3.0	7.8	±3.0	8.2	±3.0
	PCT	%	0.048	±0.048	0.187	±0.100	0.385	±0.200
	P-LCR	%	15.0	±8.0	13.6	±8.0	14.6	±8.0
	P-LCC	$\times10^9$/L	10	±10	33	±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

Günter Keul GmbH

CBC-DH

HEMATOLOGY CONTROL

Reference Values provided by DYMIND

CONTROL

LOT DH2611

2026-10-08

2027-01-05

Applicable Instruments	Parameter	Unit	Low		Normal		High	
DYMIND DH73 Vet (Technical File Version B5.5 or higher)	**RBC**	$\times10^{12}$/L	**2.37**	±0.18	**4.69**	±0.24	**5.38**	±0.50
	HGB	g/L	**63**	±4	**137**	±6	**171**	±8
	HCT	%	20.1	±2.0	42.5	±3.0	52.9	±4.0
	MCV	fL	**84.9**	±5.0	**90.6**	±5.0	**98.3**	±6.0
	MCH	pg	26.6	±2.5	29.2	±2.5	31.8	±2.5
	MCHC	g/L	313	±30	322	±30	323	±30
	RDW-CV	%	19.3	±3.0	17.1	±3.0	16.4	±3.0
	RDW-SD	fL	57.6	±10.0	53.8	±10.0	55.6	±12.0
	PLT	$\times10^{9}$/L	**57**	±20	**225**	±40	**436**	±60
	MPV	fL	8.0	±3.0	8.0	±3.0	8.2	±3.0
	PDW	fL	8.7	±3.0	8.2	±3.0	8.6	±3.0
	PCT	%	0.046	±0.046	0.180	±0.100	0.358	±0.200
	P-LCR	%	15.0	±8.0	15.0	±8.0	15.7	±8.0
	P-LCC	$\times10^{9}$/L	9	±9	34	±25	69	±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.

Günter Keul GmbH

CBC-DH

HEMATOLOGY CONTROL

Reference Values provided by DYMIND

CONTROL

LOT DH2611

2026-10-08

2027-01-05

Applicable Instruments	Parameter	Unit	Low		Normal		High	
DYMIND DF50 DF51 DF52 DF53 DF55 DF56 (Technical File Version A12.0 or higher)	**WBC**	$\times10^9$/L	**3.59**	±0.50	**8.40**	±1.00	**19.13**	±2.50
	Neu%	%	50.6	±9.0	57.3	±8.0	66.6	±7.0
	Lym%	%	37.7	±9.0	29.4	±8.0	19.2	±6.0
	Mon%	%	6.0	±4.0	6.0	±5.0	5.4	±5.4
	Eos%	%	5.7	±5.0	7.3	±6.0	8.8	±7.0
	Bas%	%	2.1	±2.1	1.8	±1.8	1.2	±1.2
	Neu#	$\times10^9$/L	1.82	±0.40	4.82	±0.70	12.75	±1.40
	Lym#	$\times10^9$/L	1.35	±0.40	2.47	±0.70	3.67	±1.10
	Mon#	$\times10^9$/L	0.22	±0.14	0.50	±0.50	1.03	±1.03
	Eos#	$\times10^9$/L	0.20	±0.15	0.61	±0.50	1.68	±1.30
	Bas#	$\times10^9$/L	0.08	±0.08	0.15	±0.15	0.23	±0.23
	RBC	$\times10^{12}$/L	**2.40**	±0.18	**4.72**	±0.24	**5.37**	±0.50
	HGB	g/L	**63**	±4	**137**	±6	**174**	±8
	HCT	%	20.0	±2.0	41.2	±3.0	50.5	±4.0
	MCV	fL	**83.5**	±5.0	**87.3**	±5.0	**94.0**	±6.0
	MCH	pg	26.3	±2.5	29.0	±2.5	32.4	±2.5
	MCHC	g/L	315	±30	333	±30	345	±30
	RDW-CV	%	16.1	±3.0	14.6	±3.0	14.1	±3.0
	RDW-SD	fL	57.1	±10.0	54.2	±10.0	56.6	±12.0
	PLT	$\times10^9$/L	**66**	±20	**242**	±40	**447**	±60
	MPV	fL	7.9	±3.0	7.7	±3.0	8.2	±3.0
	PDW	fL	8.2	±3.0	9.3	±3.0	10.0	±3.0
	PCT	%	0.052	±0.050	0.186	±0.100	0.367	±0.200
	P-LCR	%	18.7	±8.0	20.7	±8.0	23.1	±8.0
	P-LCC	$\times10^9$/L	13	±13	50	±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.
5. P-LCC and P-LCR parameters are not applicable to DF50,DF51,DF53, DF50 Vet and DF52 Vet Instruments.

Low Normal High

Günter Keul GmbH

CBC-DH

HEMATOLOGY CONTROL

Reference Values provided by DYMIND

CONTROL

LOT DH2611

2026-10-08

2027-01-05

Applicable Instruments	Parameter	Unit	Low		Normal		High	
DYMIND DF50 DF51 DF52 DF53 DF55 DF56 (Technical File Version B1.0 or higher)	**WBC**	$\times10^9$/L	**3.46**	±0.50	**8.34**	±1.00	**19.07**	±2.50
	Neu%	%	50.9	±9.0	57.9	±8.0	66.1	±7.0
	Lym%	%	37.9	±9.0	29.1	±8.0	19.4	±6.0
	Mon%	%	5.7	±4.0	5.9	±5.0	5.5	±5.5
	Eos%	%	5.5	±5.0	7.1	±6.0	9.0	±7.0
	Bas%	%	1.6	±1.6	1.8	±1.8	1.2	±1.2
	Neu#	$\times10^9$/L	1.76	±0.40	4.83	±0.70	12.60	±1.40
	Lym#	$\times10^9$/L	1.31	±0.40	2.43	±0.70	3.70	±1.10
	Mon#	$\times10^9$/L	0.20	±0.14	0.49	±0.49	1.05	±1.05
	Eos#	$\times10^9$/L	0.19	±0.15	0.59	±0.50	1.72	±1.30
	Bas#	$\times10^9$/L	0.06	±0.06	0.15	±0.15	0.23	±0.23
	RBC	$\times10^{12}$/L	**2.31**	±0.18	**4.56**	±0.24	**5.29**	±0.50
	HGB	g/L	**62**	±4	**137**	±6	**176**	±8
	HCT	%	19.4	±2.0	40.4	±3.0	50.6	±4.0
	MCV	fL	**84.0**	±5.0	**88.5**	±5.0	**95.6**	±6.0
	MCH	pg	26.8	±2.5	30.0	±2.5	33.3	±2.5
	MCHC	g/L	320	±30	339	±30	348	±30
	RDW-CV	%	15.9	±3.0	14.3	±3.0	13.7	±3.0
	RDW-SD	fL	56.1	±10.0	52.7	±10.0	54.7	±12.0
	PLT	$\times10^9$/L	**65**	±20	**241**	±40	**451**	±60
	MPV	fL	7.6	±3.0	7.2	±3.0	7.6	±3.0
	PDW	fL	7.4	±3.0	9.1	±3.0	9.8	±3.0
	PCT	%	0.049	±0.049	0.174	±0.100	0.343	±0.200
	P-LCR	%	16.0	±8.0	17.3	±8.0	19.1	±8.0
	P-LCC	$\times10^9$/L	10	±10	42	±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.
5. P-LCC and P-LCR parameters are not applicable to DF50,DF51,DF53, DF50 Vet and DF52 Vet Instruments.

Low Normal High

Günter Keul GmbH

CBC-DH

HEMATOLOGY CONTROL

Reference Values provided by DYMIND

CONTROL

LOT DH2611

2026-10-08

2027-01-05

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**	$\times10^9$/L	**3.48**	±0.50	**8.13**	±1.00	**18.29**	±2.50
	Neu%	%	50.7	±9.0	57.1	±8.0	65.6	±7.0
	Lym%	%	38.0	±9.0	29.7	±8.0	20.0	±6.0
	Mon%	%	6.5	±4.0	7.5	±5.0	7.4	±6.0
	Eos%	%	4.8	±4.8	5.7	±5.7	7.0	±7.0
	Bas%	%	62.6	±8.0	71.6	±8.0	81.0	±8.0
	Neu#	$\times10^9$/L	1.76	±0.40	4.65	±0.70	12.00	±1.40
	Lym#	$\times10^9$/L	1.32	±0.40	2.41	±0.70	3.66	±1.10
	Mon#	$\times10^9$/L	0.23	±0.14	0.61	±0.50	1.35	±1.10
	Eos#	$\times10^9$/L	0.17	±0.15	0.46	±0.46	1.28	±1.28
	Bas#	$\times10^9$/L	2.18	±0.30	5.82	±0.70	14.81	±1.50
	RBC	$\times10^{12}$/L	**2.28**	±0.18	**4.54**	±0.24	**5.24**	±0.50
	HGB	g/L	**62**	±4	**136**	±6	**169**	±8
	HCT	%	19.5	±2.0	41.4	±3.0	51.9	±4.0
	MCV	fL	**85.6**	±5.0	**91.1**	±5.0	**99.1**	±6.0
	MCH	pg	27.2	±2.5	30.0	±2.5	32.3	±2.5
	MCHC	g/L	318	±30	329	±30	326	±30
	RDW-CV	%	18.9	±3.0	16.7	±3.0	16.0	±3.0
	RDW-SD	fL	56.9	±10.0	53.1	±10.0	54.9	±12.0
	PLT	$\times10^9$/L	**56**	±20	**248**	±40	**494**	±60
	MPV	fL	8.9	±3.0	8.2	±3.0	8.4	±3.0
	PDW	fL	7.9	±3.0	8.4	±3.0	8.9	±3.0
	PCT	%	0.050	±0.050	0.203	±0.100	0.415	±0.200
	P-LCR	%	16.9	±8.0	15.6	±8.0	16.5	±8.0
	P-LCC	$\times10^9$/L	9	±9	39	±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.

Günter Keul GmbH

CBC-DH

HEMATOLOGY CONTROL

Reference Values provided by DYMIND

CONTROL

LOT DH2611

2026-10-08

2027-01-05

Applicable Instruments	Parameter	Unit	Low		Normal		High	
DYMIND DH71 DH76 (Technical File Version A10.5 or higher)	**WBC**	$\times10^9$/L	**3.61**	±0.50	**8.52**	±1.00	**19.35**	±2.50
	Neu%	%	49.3	±9.0	56.6	±8.0	66.9	±7.0
	Lym%	%	39.9	±9.0	31.1	±8.0	21.1	±6.0
	Mon%	%	6.8	±4.0	7.3	±5.0	7.0	±6.0
	Eos%	%	4.0	±4.0	5.0	±5.0	5.0	±5.0
	Bas%	%	63.7	±8.0	72.4	±8.0	82.0	±8.0
	Neu#	$\times10^9$/L	1.78	±0.40	4.82	±0.70	12.95	±1.40
	Lym#	$\times10^9$/L	1.44	±0.40	2.65	±0.70	4.08	±1.10
	Mon#	$\times10^9$/L	0.25	±0.14	0.62	±0.50	1.35	±1.10
	Eos#	$\times10^9$/L	0.14	±0.14	0.43	±0.43	0.97	±0.97
	Bas#	$\times10^9$/L	2.30	±0.30	6.17	±0.70	15.87	±1.50
	RBC	$\times10^{12}$/L	**2.30**	±0.18	**4.62**	±0.24	**5.27**	±0.50
	HGB	g/L	**62**	±4	**137**	±6	**170**	±8
	HCT	%	19.2	±2.0	41.0	±3.0	50.9	±4.0
	MCV	fL	**83.6**	±5.0	**88.7**	±5.0	**96.5**	±6.0
	MCH	pg	27.0	±2.5	29.7	±2.5	32.3	±2.5
	MCHC	g/L	323	±30	334	±30	334	±30
	RDW-CV	%	19.1	±3.0	16.8	±3.0	16.2	±3.0
	RDW-SD	fL	58.2	±10.0	53.4	±10.0	55.1	±12.0
	PLT	$\times10^9$/L	**54**	±20	**253**	±40	**500**	±60
	MPV	fL	8.5	±3.0	7.9	±3.0	8.0	±3.0
	PDW	fL	7.2	±3.0	7.9	±3.0	8.5	±3.0
	PCT	%	0.046	±0.046	0.200	±0.100	0.400	±0.200
	P-LCR	%	15.0	±8.0	14.1	±8.0	14.5	±8.0
	P-LCC	$\times10^9$/L	8	±8	36	±25	72	±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

Günter Keul GmbH

CBC-DH

HEMATOLOGY CONTROL

Reference Values provided by DYMIND

CONTROL

LOT DH2611

2026-10-08

2027-01-05

Applicable Instruments	Parameter	Unit	Low		Normal		High	
DYMIND D2-CRP D7-CRP DH71CRP DH73CRP (Technical File Version A6.0 to A 6.5)	**WBC**	$\times10^9$/L	**3.65**	±0.50	**8.57**	±1.00	**19.35**	±2.50
	Neu%	%	49.3	±9.0	56.5	±8.0	65.2	±7.0
	Lym%	%	39.4	±9.0	30.6	±8.0	20.9	±6.0
	Mon%	%	6.6	±4.0	7.1	±5.0	6.6	±6.0
	Eos%	%	4.7	±4.7	5.8	±5.8	7.3	±7.0
	Bas%	%	63.4	±8.0	72.4	±8.0	81.7	±8.0
	Neu#	$\times10^9$/L	1.80	±0.40	4.84	±0.70	12.62	±1.40
	Lym#	$\times10^9$/L	1.44	±0.40	2.62	±0.70	4.04	±1.10
	Mon#	$\times10^9$/L	0.24	±0.14	0.61	±0.50	1.28	±1.10
	Eos#	$\times10^9$/L	0.17	±0.15	0.50	±0.50	1.41	±1.30
	Bas#	$\times10^9$/L	2.31	±0.30	6.20	±0.70	15.81	±1.50
	RBC	$\times10^{12}$/L	**2.41**	±0.18	**4.80**	±0.24	**5.44**	±0.50
	HGB	g/L	**63**	±4	**138**	±6	**172**	±8
	HCT	%	20.3	±2.0	42.8	±3.0	52.5	±4.0
	MCV	fL	**84.4**	±5.0	**89.1**	±5.0	**96.5**	±6.0
	MCH	pg	26.1	±2.5	28.8	±2.5	31.6	±2.5
	MCHC	g/L	310	±30	322	±30	328	±30
	RDW-CV	%	19.0	±3.0	16.7	±3.0	16.0	±3.0
	RDW-SD	fL	58.9	±10.0	54.5	±10.0	56.6	±12.0
	PLT	$\times10^9$/L	**57**	±20	**252**	±40	**510**	±60
	MPV	fL	9.1	±3.0	8.3	±3.0	8.5	±3.0
	PDW	fL	8.0	±3.0	8.6	±3.0	9.2	±3.0
	PCT	%	0.052	±0.050	0.209	±0.100	0.434	±0.200
	P-LCR	%	17.6	±8.0	16.4	±8.0	17.2	±8.0
	P-LCC	$\times10^9$/L	10	±10	41	±25	88	±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

Günter Keul GmbH

CBC-DH

HEMATOLOGY CONTROL

Reference Values provided by DYMIND

CONTROL

LOT DH2611

2026-10-08

2027-01-05

Applicable Instruments	Parameter	Unit	Low		Normal		High	
DYMIND D2-CRP D7-CRP DH71CRP DH73CRP (Technical File Version A6.6 or higher)	**WBC**	$\times10^9$/L	**3.80**	±0.50	**8.73**	±1.00	**19.59**	±2.50
	Neu%	%	49.3	±9.0	56.9	±8.0	66.0	±7.0
	Lym%	%	39.4	±9.0	31.0	±8.0	21.0	±6.0
	Mon%	%	6.5	±4.0	7.2	±5.0	6.7	±6.0
	Eos%	%	4.8	±4.8	4.9	±4.9	6.3	±6.3
	Bas%	%	65.9	±8.0	74.1	±8.0	83.1	±8.0
	Neu#	$\times10^9$/L	1.87	±0.40	4.96	±0.70	12.94	±1.40
	Lym#	$\times10^9$/L	1.50	±0.40	2.71	±0.70	4.11	±1.10
	Mon#	$\times10^9$/L	0.25	±0.14	0.63	±0.50	1.31	±1.10
	Eos#	$\times10^9$/L	0.18	±0.15	0.43	±0.43	1.23	±1.23
	Bas#	$\times10^9$/L	2.50	±0.30	6.47	±0.70	16.28	±1.50
	RBC	$\times10^{12}$/L	**2.30**	±0.18	**4.63**	±0.24	**5.32**	±0.50
	HGB	g/L	**62**	±4	**139**	±6	**173**	±8
	HCT	%	19.3	±2.0	41.3	±3.0	51.6	±4.0
	MCV	fL	**84.0**	±5.0	**89.1**	±5.0	**96.9**	±6.0
	MCH	pg	27.0	±2.5	30.0	±2.5	32.5	±2.5
	MCHC	g/L	321	±30	337	±30	335	±30
	RDW-CV	%	18.9	±3.0	16.6	±3.0	15.9	±3.0
	RDW-SD	fL	57.9	±10.0	53.6	±10.0	55.4	±12.0
	PLT	$\times10^9$/L	**55**	±20	**242**	±40	**486**	±60
	MPV	fL	8.4	±3.0	7.6	±3.0	7.9	±3.0
	PDW	fL	6.5	±3.0	7.4	±3.0	7.9	±3.0
	PCT	%	0.046	±0.046	0.184	±0.100	0.384	±0.200
	P-LCR	%	13.8	±8.0	13.3	±8.0	13.8	±8.0
	P-LCC	$\times10^9$/L	9	±9	31	±25	67	±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

Günter Keul GmbH

CBC-DH

HEMATOLOGY CONTROL

Reference Values provided by DYMIND

CONTROL

LOT DH2611

2026-10-08

2027-01-05

Applicable Instruments	Parameter	Unit	Low		Normal		High	
DYMIND D6-CRP DH76CRP (Technical File Version B2.2 or higher)	**WBC**	$\times10^9$/L	**3.64**	±0.50	**8.60**	±1.00	**19.52**	±2.50
	Neu%	%	49.7	±9.0	58.0	±8.0	65.0	±7.0
	Lym%	%	38.0	±9.0	29.0	±8.0	20.2	±6.0
	Mon%	%	7.7	±4.0	7.2	±5.0	7.2	±6.0
	Eos%	%	4.6	±4.6	5.8	±5.8	7.6	±7.0
	Bas%	%	63.4	±8.0	72.2	±8.0	82.1	±8.0
	Neu#	$\times10^9$/L	1.81	±0.40	4.99	±0.70	12.69	±1.40
	Lym#	$\times10^9$/L	1.38	±0.40	2.49	±0.70	3.94	±1.10
	Mon#	$\times10^9$/L	0.28	±0.14	0.62	±0.50	1.41	±1.10
	Eos#	$\times10^9$/L	0.17	±0.15	0.50	±0.50	1.48	±1.30
	Bas#	$\times10^9$/L	2.31	±0.30	6.21	±0.70	16.03	±1.50
	RBC	$\times10^{12}$/L	**2.33**	±0.18	**4.71**	±0.24	**5.40**	±0.50
	HGB	g/L	**64**	±4	**137**	±6	**170**	±8
	HCT	%	19.7	±2.0	42.2	±3.0	52.5	±4.0
	MCV	fL	**84.4**	±5.0	**89.5**	±5.0	**97.3**	±6.0
	MCH	pg	27.5	±2.5	29.1	±2.5	31.5	±2.5
	MCHC	g/L	325	±30	325	±30	324	±30
	RDW-CV	%	19.1	±3.0	16.7	±3.0	15.5	±3.0
	RDW-SD	fL	59.1	±10.0	54.4	±10.0	55.4	±12.0
	PLT	$\times10^9$/L	**57**	±20	**252**	±40	**518**	±60
	MPV	fL	7.7	±3.0	7.7	±3.0	8.0	±3.0
	PDW	fL	7.9	±3.0	7.9	±3.0	8.3	±3.0
	PCT	%	0.044	±0.044	0.194	±0.100	0.414	±0.200
	P-LCR	%	13.6	±8.0	13.4	±8.0	14.5	±8.0
	P-LCC	$\times10^9$/L	8	±8	34	±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

Günter Keul GmbH

CBC-DH

HEMATOLOGY CONTROL

Reference Values provided by DYMIND

CONTROL

LOT DH2611

2026-10-08

2027-01-05

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**	$\times10^9$/L	**3.27**	±0.50	**7.82**	±1.00	**17.79**	±2.50
	Neu%	%	50.7	±9.0	56.7	±8.0	66.3	±7.0
	Lym%	%	38.2	±9.0	29.5	±8.0	18.0	±10.0
	Mon%	%	4.9	±4.0	5.8	±5.0	6.6	±6.6
	Eos%	%	6.2	±5.0	8.0	±6.0	9.1	±7.0
	Bas%	%	1.5	±1.5	2.2	±2.2	1.8	±1.8
	Neu#	$\times10^9$/L	1.66	±0.40	4.43	±0.70	11.80	±1.40
	Lym#	$\times10^9$/L	1.25	±0.40	2.31	±0.70	3.20	±1.40
	Mon#	$\times10^9$/L	0.16	±0.14	0.45	±0.45	1.17	±1.17
	Eos#	$\times10^9$/L	0.20	±0.15	0.63	±0.50	1.62	±1.30
	Bas#	$\times10^9$/L	0.05	±0.05	0.17	±0.17	0.32	±0.32
	RBC	$\times10^{12}$/L	**2.28**	±0.18	**4.52**	±0.24	**5.16**	±0.50
	HGB	g/L	**60**	±4	**135**	±6	**172**	±8
	HCT	%	18.9	±2.0	39.9	±3.0	49.7	±4.0
	MCV	fL	**83.0**	±5.0	**88.2**	±5.0	**96.4**	±6.0
	MCH	pg	26.3	±2.5	29.9	±2.5	33.3	±2.5
	MCHC	g/L	317	±30	338	±30	346	±30
	RDW-CV	%	14.9	±3.0	13.3	±3.0	12.7	±3.0
	RDW-SD	fL	52.2	±10.0	48.8	±10.0	50.4	±12.0
	PLT	$\times10^9$/L	**65**	±20	**236**	±40	**433**	±60
	MPV	fL	7.8	±3.0	7.4	±3.0	7.8	±3.0
	PDW	fL	7.8	±3.0	9.2	±3.0	9.7	±3.0
	PCT	%	0.051	±0.050	0.175	±0.100	0.338	±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

Günter Keul GmbH

CBC-DH

HEMATOLOGY CONTROL

Reference Values provided by DYMIND

CONTROL

LOT DH2611

2026-10-08

2027-01-05

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**	$\times10^9$/L	**3.64**	±0.50	**8.70**	±1.00	**20.00**	±2.50
	Neu%	%	50.3	±9.0	57.5	±8.0	66.3	±7.0
	Lym%	%	38.4	±9.0	29.5	±8.0	19.7	±6.0
	Mon%	%	5.7	±4.0	5.9	±5.0	5.3	±5.3
	Eos%	%	5.6	±5.0	7.1	±6.0	8.7	±7.0
	Bas%	%	2.1	±2.1	2.5	±2.5	2.1	±2.1
	Neu#	$\times10^9$/L	1.83	±0.40	5.00	±0.70	13.26	±1.40
	Lym#	$\times10^9$/L	1.40	±0.40	2.57	±0.70	3.94	±1.10
	Mon#	$\times10^9$/L	0.21	±0.14	0.51	±0.50	1.06	±1.06
	Eos#	$\times10^9$/L	0.20	±0.15	0.62	±0.50	1.74	±1.30
	Bas#	$\times10^9$/L	0.08	±0.08	0.22	±0.22	0.42	±0.42
	RBC	$\times10^{12}$/L	**2.34**	±0.18	**4.58**	±0.24	**5.24**	±0.50
	HGB	g/L	**63**	±4	**135**	±6	**171**	±8
	HCT	%	19.6	±2.0	40.2	±3.0	49.9	±4.0
	MCV	fL	**83.8**	±5.0	**87.7**	±5.0	**95.2**	±6.0
	MCH	pg	26.9	±2.5	29.5	±2.5	32.6	±2.5
	MCHC	g/L	321	±30	336	±30	343	±30
	RDW-CV	%	16.6	±3.0	15.3	±3.0	15.0	±3.0
	RDW-SD	fL	59.8	±10.0	56.3	±10.0	58.7	±12.0
	PLT	$\times10^9$/L	**56**	±20	**271**	±40	**537**	±60
	MPV	fL	7.9	±3.0	7.2	±3.0	7.6	±3.0
	PDW	fL	7.1	±3.0	8.4	±3.0	9.1	±3.0
	PCT	%	0.044	±0.044	0.195	±0.100	0.408	±0.200
	P-LCR	%	17.8	±8.0	17.0	±8.0	19.0	±8.0
	P-LCC	$\times10^9$/L	10	±10	46	±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

Günter Keul GmbH

CBC-DH

HEMATOLOGY CONTROL

Reference Values provided by DYMIND

CONTROL

LOT DH2611

2026-10-08

2027-01-05

Applicable Instruments	Parameter	Unit	Low		Normal		High	
DYMIND DM71X DM72X DM77X DM79X (Technical File Version A1.0 or higher)	**WBC**	$\times10^9$/L	**3.62**	±0.50	**8.52**	±1.00	**19.11**	±2.50
	Neu%	%	49.3	±9.0	57.2	±8.0	65.0	±7.0
	Lym%	%	38.1	±9.0	29.9	±8.0	20.3	±6.0
	Mon%	%	7.4	±4.0	7.2	±5.0	6.7	±6.0
	Eos%	%	5.2	±5.0	5.7	±5.7	8.0	±7.0
	Bas%	%	63.6	±8.0	72.4	±8.0	81.9	±8.0
	Neu#	$\times10^9$/L	1.78	±0.40	4.87	±0.70	12.42	±1.40
	Lym#	$\times10^9$/L	1.38	±0.40	2.55	±0.70	3.88	±1.10
	Mon#	$\times10^9$/L	0.27	±0.14	0.61	±0.50	1.28	±1.10
	Eos#	$\times10^9$/L	0.19	±0.15	0.49	±0.49	1.53	±1.30
	Bas#	$\times10^9$/L	2.30	±0.30	6.17	±0.70	15.65	±1.50
	RBC	$\times10^{12}$/L	**2.33**	±0.18	**4.70**	±0.24	**5.37**	±0.50
	HGB	g/L	**64**	±4	**137**	±6	**169**	±8
	HCT	%	19.4	±2.0	42.2	±3.0	52.6	±4.0
	MCV	fL	**83.4**	±5.0	**89.7**	±5.0	**98.0**	±6.0
	MCH	pg	27.5	±2.5	29.1	±2.5	31.5	±2.5
	MCHC	g/L	330	±30	325	±30	321	±30
	RDW-CV	%	19.2	±3.0	17.0	±3.0	16.2	±3.0
	RDW-SD	fL	58.1	±10.0	54.1	±10.0	56.0	±12.0
	PLT	$\times10^9$/L	**56**	±20	**255**	±40	**519**	±60
	MPV	fL	7.7	±3.0	7.7	±3.0	8.0	±3.0
	PDW	fL	8.2	±3.0	7.7	±3.0	8.2	±3.0
	PCT	%	0.043	±0.043	0.196	±0.100	0.415	±0.200
	P-LCR	%	13.7	±8.0	13.5	±8.0	14.5	±8.0
	P-LCC	$\times10^9$/L	8	±8	34	±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

Günter Keul GmbH

CBC-DH

HEMATOLOGY CONTROL

Reference Values provided by DYMIND

CONTROL

LOT DH2611

2026-10-08

2027-01-05

Applicable Instruments	Parameter	Unit	Low		Normal		High	
DYMIND DM75X DM78X (Technical File Version B1.0 or higher)	**WBC**	$\times10^9$/L	**3.62**	±0.50	**8.52**	±1.00	**19.11**	±2.50
	Neu%	%	49.3	±9.0	57.2	±8.0	65.0	±7.0
	Lym%	%	38.1	±9.0	29.9	±8.0	20.3	±6.0
	Mon%	%	7.4	±4.0	7.2	±5.0	6.7	±6.0
	Eos%	%	5.2	±5.0	5.7	±5.7	8.0	±7.0
	Bas%	%	63.6	±8.0	72.4	±8.0	81.9	±8.0
	Neu#	$\times10^9$/L	1.78	±0.40	4.87	±0.70	12.42	±1.40
	Lym#	$\times10^9$/L	1.38	±0.40	2.55	±0.70	3.88	±1.10
	Mon#	$\times10^9$/L	0.27	±0.14	0.61	±0.50	1.28	±1.10
	Eos#	$\times10^9$/L	0.19	±0.15	0.49	±0.49	1.53	±1.30
	Bas#	$\times10^9$/L	2.30	±0.30	6.17	±0.70	15.65	±1.50
	RBC	$\times10^{12}$/L	**2.33**	±0.18	**4.70**	±0.24	**5.37**	±0.50
	HGB	g/L	**64**	±4	**137**	±6	**169**	±8
	HCT	%	19.4	±2.0	42.2	±3.0	52.6	±4.0
	MCV	fL	**83.4**	±5.0	**89.7**	±5.0	**98.0**	±6.0
	MCH	pg	27.5	±2.5	29.1	±2.5	31.5	±2.5
	MCHC	g/L	330	±30	325	±30	321	±30
	RDW-CV	%	19.2	±3.0	17.0	±3.0	16.2	±3.0
	RDW-SD	fL	58.1	±10.0	54.1	±10.0	56.0	±12.0
	PLT	$\times10^9$/L	**56**	±20	**255**	±40	**519**	±60
	MPV	fL	7.7	±3.0	7.7	±3.0	8.0	±3.0
	PDW	fL	8.2	±3.0	7.7	±3.0	8.2	±3.0
	PCT	%	0.043	±0.043	0.196	±0.100	0.415	±0.200
	P-LCR	%	13.7	±8.0	13.5	±8.0	14.5	±8.0
	P-LCC	$\times10^9$/L	8	±8	34	±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

Günter Keul GmbH

CBC-DH

HEMATOLOGY CONTROL

Reference Values provided by DYMIND

CONTROL

LOT DH2611

2026-10-08

2027-01-05

Applicable Instruments	Parameter	Unit	Low		Normal		High	
DYMIND UN71 Vet UN73 Vet (Technical File Version A1.0 or higher)	**WBC**	$\times10^9$/L	**3.41**	±0.50	**8.02**	±1.00	**18.25**	±2.50
	Neu%	%	47.0	±15.0	66.7	±15.0	61.3	±10.0
	Lym%	%	43.5	±15.0	24.5	±15.0	25.2	±15.0
	Mon%	%	5.0	±7.0	4.9	±4.9	6.6	±6.6
	Eos%	%	4.5	±4.5	3.9	±3.9	6.9	±6.9
	Bas%	%	0.7	±0.7	0.9	±0.9	1.0	±1.0
	Neu#	$\times10^9$/L	1.61	±0.80	5.36	±1.40	11.19	±2.00
	Lym#	$\times10^9$/L	1.48	±0.80	1.96	±1.40	4.60	±2.00
	Mon#	$\times10^9$/L	0.17	±0.17	0.39	±0.39	1.20	±1.26
	Eos#	$\times10^9$/L	0.15	±0.15	0.31	±0.31	1.26	±1.26
	Bas#	$\times10^9$/L	0.02	±0.02	0.07	±0.07	0.18	±0.18
	RBC	$\times10^{12}$/L	**2.38**	±0.18	**4.70**	±0.24	**5.34**	±0.50
	HGB	g/L	**65**	±4	**137**	±6	**171**	±8
	HCT	%	19.8	±2.0	42.0	±3.0	52.1	±4.0
	MCV	fL	**83.3**	±5.0	**89.4**	±5.0	**97.6**	±6.0
	MCH	pg	27.3	±2.5	29.1	±2.5	32.0	±2.5
	MCHC	g/L	328	±30	326	±30	328	±30
	RDW-CV	%	14.3	±3.0	12.5	±3.0	13.0	±3.0
	RDW-SD	fL	51.1	±10.0	47.4	±10.0	48.4	±12.0
	PLT	$\times10^9$/L	**52**	±20	**240**	±40	**446**	±60
	MPV	fL	8.3	±3.0	7.5	±3.0	7.7	±3.0
	PDW	fL	6.3	±3.0	7.9	±3.0	8.4	±3.0
	PCT	%	0.043	±0.043	0.180	±0.100	0.343	±0.200
	P-LCR	%	12.0	±8.0	12.6	±8.0	13.2	±8.0
	P-LCC	$\times10^9$/L	6	±6	30	±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.
4. After using, put the controls back into the refrigerator to prevent contamination and evaporation.

Low

Normal

High

Günter Keul GmbH

CBC-DH

HEMATOLOGY CONTROL

Reference Values provided by DYMIND

CONTROL

LOT DH2611

2026-10-08

2027-01-05

Applicable Instruments	Parameter	Unit	Low		Normal		High	
DYMIND DM73 Vet DM76 Vet (Technical File Version A1.0 or higher)	**WBC**	$\times10^9$/L	**3.38**	±0.50	**7.94**	±1.00	**18.07**	±2.50
	Neu%	%	49.0	±9.0	56.6	±8.0	64.3	±7.0
	Lym%	%	40.5	±9.0	31.5	±8.0	22.7	±6.0
	Mon%	%	6.0	±4.0	5.0	±5.0	6.1	±6.0
	Eos%	%	4.5	±4.5	6.9	±6.0	6.9	±6.9
	Bas%	%	0.7	±0.7	0.9	±0.9	1.0	±1.0
	Neu#	$\times10^9$/L	1.66	±0.40	4.49	±0.70	11.62	±1.40
	Lym#	$\times10^9$/L	1.37	±0.40	2.50	±0.70	4.10	±1.10
	Mon#	$\times10^9$/L	0.20	±0.14	0.40	±0.40	1.10	±1.10
	Eos#	$\times10^9$/L	0.15	±0.15	0.55	±0.50	1.25	±1.25
	Bas#	$\times10^9$/L	0.02	±0.02	0.07	±0.07	0.18	±0.18
	RBC	$\times10^{12}$/L	**2.19**	±0.18	**4.35**	±0.24	**4.97**	±0.50
	HGB	g/L	**64**	±4	**133**	±6	**165**	±8
	HCT	%	17.9	±2.0	37.5	±3.0	46.3	±4.0
	MCV	fL	**81.6**	±5.0	**86.1**	±5.0	**93.2**	±6.0
	MCH	pg	29.2	±2.5	30.6	±2.5	33.2	±2.5
	MCHC	g/L	358	±30	355	±30	356	±30
	RDW-CV	%	13.3	±3.0	12.5	±3.0	12.0	±3.0
	RDW-SD	fL	51.1	±10.0	47.4	±10.0	48.4	±12.0
	PLT	$\times10^9$/L	**61**	±20	**259**	±40	**478**	±60
	MPV	fL	8.3	±3.0	7.5	±3.0	7.7	±3.0
	PDW	fL	6.3	±3.0	7.9	±3.0	8.4	±3.0
	PCT	%	0.051	±0.050	0.194	±0.100	0.368	±0.200
	P-LCR	%	12.0	±8.0	12.6	±8.0	13.2	±8.0
	P-LCC	$\times10^9$/L	7	±7	32	±25	65	±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