

DM-5D

HEMATOLOGY CONTROL

Assay values and ranges provided by DYMIND

CONTROL

LOT BC0721

2021-06-13

2021-09-10

Instrument	Parameter	Unit	Low	Normal	High
DYMIND D1-CRP, D3-CRP, D5-CRP, DH51CRP, DH53CRP, DH56CRP, (Technical File Version A9.0 to A11.9)	WBC	×10 ⁹ /L	3.37 ±0.50	7.84 ±1.00	17.89 ±2.50
	Neu%	%	49.4 ±9.0	56.7 ±8.0	63.8 ±7.0
	Lym%	%	39.1 ±9.0	30.4 ±8.0	20.4 ±6.0
	Mon%	%	6.5 ±4.0	6.5 ±5.0	6.9 ±6.0
	Eos%	%	5.0 ±5.0	6.4 ±6.0	8.9 ±7.0
	Bas%	%	62.3 ±8.0	71.7 ±8.0	81.3 ±8.0
	Neu#	×10 ⁹ /L	1.66 ±0.40	4.45 ±0.70	11.41 ±1.40
	Lym#	×10 ⁹ /L	1.32 ±0.40	2.38 ±0.70	3.65 ±1.10
	Mon#	×10 ⁹ /L	0.22 ±0.14	0.51 ±0.50	1.23 ±1.10
	Eos#	×10 ⁹ /L	0.17 ±0.15	0.50 ±0.50	1.59 ±1.30
	Bas#	×10 ⁹ /L	2.10 ±0.30	5.62 ±0.70	14.54 ±1.50
	RBC	×10 ¹² /L	2.37 ±0.18	4.73 ±0.24	5.26 ±0.50
	HGB	g/L	59 ±4	132 ±6	166 ±8
	HCT	%	18.8 ±2.0	41.5 ±3.0	51.9 ±4.0
	MCV	fL	79.2 ±5.0	87.7 ±5.0	98.5 ±6.0
	MCH	pg	25.0 ±2.5	27.8 ±2.5	31.6 ±2.5
	MCHC	g/L	315 ±30	317 ±30	320 ±30
	RDW-CV	%	19.1 ±3.0	16.3 ±3.0	14.5 ±3.0
	RDW-SD	fL	54.1 ±10.0	50.9 ±10.0	50.8 ±12.0
	PLT	×10 ⁹ /L	49 ±20	275 ±40	528 ±60
	MPV	fL	10.5 ±3.0	10.3 ±3.0	10.1 ±3.0
	PDW	/	10.0 ±3.0	10.1 ±3.0	10.1 ±3.0
	PDW	fL	12.6 ±3.0	12.8 ±3.0	12.3 ±3.0
	PCT	%	0.051 ±0.050	0.281 ±0.100	0.527 ±0.200
	P-LCR	%	28.6 ±8.0	28.8 ±8.0	27.1 ±8.0
P-LCC	×10 ⁹ /L	14 ±14	78 ±25	142 ±35	

【NOTE】

1. The controls should be stored in refrigerator (2°C~8°C). After opening, it will keep stable for 14 days when it is stored airtight at 2°C~8°C.
2. Before mixing and running the control after take it out from the refrigerator, please keep it at least 15 minutes until reaching room temperature(15°C~30°C).
3. Controls must be well mixed before using. Please mix gently, to avoid cells rupture and/or generating bubbles.
4. After using, put the controls back into the refrigerator to prevent contamination and evaporation.

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Instrument	Parameter	Unit	Low		Normal		High	
DYMIND D1-CRP, D3-CRP, D5-CRP, DH51CRP, DH53CRP, DH56CRP, (Technical File Version A11.11)	WBC	×10 ⁹ /L	3.53	±0.50	8.39	±1.00	19.44	±2.50
	Neu%	%	49.7	±9.0	56.9	±8.0	63.3	±7.0
	Lym%	%	40.1	±9.0	30.6	±8.0	21.1	±6.0
	Mon%	%	5.2	±4.0	5.3	±5.0	5.9	±5.9
	Eos%	%	5.0	±5.0	7.2	±6.0	9.7	±7.0
	Bas%	%	62.1	±8.0	71.7	±8.0	81.2	±8.0
	Neu#	×10 ⁹ /L	1.75	±0.40	4.78	±0.70	12.31	±1.40
	Lym#	×10 ⁹ /L	1.41	±0.40	2.57	±0.70	4.10	±1.10
	Mon#	×10 ⁹ /L	0.18	±0.14	0.44	±0.44	1.15	±1.10
	Eos#	×10 ⁹ /L	0.18	±0.15	0.60	±0.50	1.89	±1.30
	Bas#	×10 ⁹ /L	2.19	±0.30	6.02	±0.70	15.79	±1.50
	RBC	×10 ¹² /L	2.38	±0.18	4.72	±0.24	5.29	±0.50
	HGB	g/L	59	±4	131	±6	166	±8
	HCT	%	18.1	±2.0	39.3	±3.0	49.3	±4.0
	MCV	fL	76.2	±5.0	83.3	±5.0	93.3	±6.0
	MCH	pg	24.7	±2.5	27.8	±2.5	31.4	±2.5
	MCHC	g/L	324	±30	334	±30	336	±30
	RDW-CV	%	18.7	±3.0	15.9	±3.0	14.2	±3.0
	RDW-SD	fL	53.8	±10.0	50.3	±10.0	50.1	±12.0
	PLT	×10 ⁹ /L	50	±20	277	±40	532	±60
	MPV	fL	10.6	±3.0	10.2	±3.0	10.1	±3.0
	PDW	fL	12.7	±3.0	12.6	±3.0	12.3	±3.0
	PCT	%	0.052	±0.050	0.278	±0.100	0.524	±0.200
P-LCR	%	29.2	±8.0	28.1	±8.0	26.9	±8.0	
P-LCC	×10 ⁹ /L	14	±14	76	±25	140	±35	

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1. The controls should be stored in refrigerator (2°C~8°C). After opening, it will keep stable for 14 days when it is stored airtight at 2°C~8°C.
2. Before mixing and running the control after take it out from the refrigerator, please keep it at least 15 minutes until reaching room temperature(15°C~30°C).
3. Controls must be well mixed before using. Please mix gently, to avoid cells rupture and/or generating bubbles.
4. After using, put the controls back into the refrigerator to prevent contamination and evaporation.

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Instrument	Parameter	Unit	Low	Normal	High
DYMIND D1-CRP, D3-CRP, D5-CRP, DH51CRP, DH53CRP, DH56CRP, (Technical File Version A11.12 or higher)	WBC	×10 ⁹ /L	3.65 ±0.50	8.69 ±1.00	20.13 ±2.50
	Neu%	%	48.7 ±9.0	56.3 ±8.0	62.8 ±7.0
	Lym%	%	39.7 ±9.0	30.7 ±8.0	20.8 ±6.0
	Mon%	%	6.6 ±4.0	6.4 ±5.0	7.0 ±6.0
	Eos%	%	5.0 ±5.0	6.6 ±6.0	9.4 ±7.0
	Bas%	%	62.2 ±8.0	71.6 ±8.0	81.3 ±8.0
	Neu#	×10 ⁹ /L	1.78 ±0.40	4.89 ±0.70	12.64 ±1.40
	Lym#	×10 ⁹ /L	1.45 ±0.40	2.67 ±0.70	4.19 ±1.10
	Mon#	×10 ⁹ /L	0.24 ±0.14	0.56 ±0.50	1.41 ±1.10
	Eos#	×10 ⁹ /L	0.18 ±0.15	0.57 ±0.50	1.89 ±1.30
	Bas#	×10 ⁹ /L	2.27 ±0.30	6.22 ±0.70	16.37 ±1.50
	RBC	×10 ¹² /L	2.40 ±0.18	4.73 ±0.24	5.31 ±0.50
	HGB	g/L	59 ±4	132 ±6	167 ±8
	HCT	%	18.2 ±2.0	39.2 ±3.0	49.3 ±4.0
	MCV	fL	75.9 ±5.0	82.9 ±5.0	92.8 ±6.0
	MCH	pg	24.7 ±2.5	27.9 ±2.5	31.4 ±2.5
	MCHC	g/L	326 ±30	336 ±30	338 ±30
	RDW-CV	%	18.7 ±3.0	15.9 ±3.0	14.1 ±3.0
	RDW-SD	fL	52.9 ±10.0	49.3 ±10.0	49.0 ±12.0
	PLT	×10 ⁹ /L	50 ±20	277 ±40	528 ±60
	MPV	fL	10.5 ±3.0	10.2 ±3.0	9.9 ±3.0
	PDW	fL	12.3 ±3.0	12.4 ±3.0	11.9 ±3.0
	PCT	%	0.054 ±0.050	0.290 ±0.100	0.542 ±0.200
P-LCR	%	28.7 ±8.0	27.7 ±8.0	25.7 ±8.0	
P-LCC	×10 ⁹ /L	15 ±15	79 ±25	141 ±35	

【NOTE】

1. The controls should be stored in refrigerator (2°C~8°C). After opening, it will keep stable for 14 days when it is stored airtight at 2°C~8°C.
2. Before mixing and running the control after take it out from the refrigerator, please keep it at least 15 minutes until reaching room temperature(15°C~30°C).
3. Controls must be well mixed before using. Please mix gently, to avoid cells rupture and/or generating bubbles.
4. After using, put the controls back into the refrigerator to prevent contamination and evaporation.

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CONTROL

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Instrument	Parameter	Unit	Low		Normal		High	
DYMIND UN73, UN71, UN76, DH73, (Technical File Version A2.0 to A5.3)	WBC	×10 ⁹ /L	3.62	±0.50	8.32	±1.00	19.06	±2.50
	Neu%	%	49.0	±9.0	56.4	±8.0	63.3	±7.0
	Lym%	%	37.9	±9.0	29.2	±8.0	19.8	±6.0
	Mon%	%	7.1	±4.0	7.0	±5.0	7.0	±6.0
	Eos%	%	6.0	±5.0	7.4	±6.0	9.9	±7.0
	Bas%	%	0.1	±0.1	0.1	±0.1	0.1	±0.1
	Neu#	×10 ⁹ /L	1.78	±0.40	4.69	±0.70	12.07	±1.40
	Lym#	×10 ⁹ /L	1.37	±0.40	2.43	±0.70	3.77	±1.10
	Mon#	×10 ⁹ /L	0.26	±0.14	0.58	±0.50	1.33	±1.10
	Eos#	×10 ⁹ /L	0.22	±0.15	0.62	±0.50	1.89	±1.30
	Bas#	×10 ⁹ /L	0.01	±0.01	0.01	±0.01	0.02	±0.02
	RBC	×10 ¹² /L	2.42	±0.18	4.77	±0.24	5.28	±0.50
	HGB	g/L	61	±4	135	±6	171	±8
	HCT	%	19.3	±2.0	42.5	±3.0	52.6	±4.0
	MCV	fL	80.0	±5.0	88.9	±5.0	99.5	±6.0
	MCH	pg	25.3	±2.5	28.3	±2.5	32.4	±2.5
	MCHC	g/L	317	±30	318	±30	325	±30
	RDW-CV	%	19.1	±3.0	16.3	±3.0	14.7	±3.0
	RDW-SD	fL	54.4	±10.0	51.1	±10.0	51.4	±12.0
	PLT	×10 ⁹ /L	57	±20	278	±40	507	±60
	MPV	fL	10.2	±3.0	10.5	±3.0	10.2	±3.0
	PDW	fL	10.1	±3.0	10.2	±3.0	10.2	±3.0
	PCT	%	0.058	±0.050	0.292	±0.100	0.518	±0.200
P-LCR	%	30.3	±8.0	30.2	±8.0	28.6	±8.0	
P-LCC	×10 ⁹ /L	17	±15	84	±25	145	±35	

【NOTE】

1. The controls should be stored in refrigerator (2°C~8°C). After opening, it will keep stable for 14 days when it is stored airtight at 2°C~8°C.
2. Before mixing and running the control after take it out from the refrigerator, please keep it at least 15 minutes until reaching room temperature(15°C~30°C).
3. Controls must be well mixed before using. Please mix gently, to avoid cells rupture and/or generating bubbles.
4. After using, put the controls back into the refrigerator to prevent contamination and evaporation.

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2021-09-10

Instrument	Parameter	Unit	Low	Normal	High
DYMIND UN73, UN71, UN76, DH73, Technical File Version A5.5 to A6.2)	WBC	×10 ⁹ /L	3.46 ±0.50	8.01 ±1.00	17.95 ±2.50
	Neu%	%	48.9 ±9.0	56.8 ±8.0	63.4 ±7.0
	Lym%	%	39.2 ±9.0	30.2 ±8.0	20.7 ±6.0
	Mon%	%	6.5 ±4.0	6.4 ±5.0	6.6 ±6.0
	Eos%	%	4.8 ±4.8	5.9 ±5.9	8.4 ±7.0
	Bas%	%	0.6 ±0.6	0.7 ±0.7	0.9 ±0.9
	Neu#	×10 ⁹ /L	1.71 ±0.40	4.60 ±0.70	11.54 ±1.40
	Lym#	×10 ⁹ /L	1.36 ±0.40	2.42 ±0.70	3.71 ±1.10
	Mon#	×10 ⁹ /L	0.22 ±0.14	0.51 ±0.50	1.18 ±1.10
	Eos#	×10 ⁹ /L	0.17 ±0.15	0.47 ±0.47	1.51 ±1.30
	Bas#	×10 ⁹ /L	0.02 ±0.02	0.06 ±0.06	0.16 ±0.16
	RBC	×10 ¹² /L	2.37 ±0.18	4.60 ±0.24	5.08 ±0.50
	HGB	g/L	61 ±4	134 ±6	167 ±8
	HCT	%	18.1 ±2.0	38.8 ±3.0	48.0 ±4.0
	MCV	fL	76.5 ±5.0	84.4 ±5.0	94.5 ±6.0
	MCH	pg	25.7 ±2.5	29.1 ±2.5	32.9 ±2.5
	MCHC	g/L	336 ±30	344 ±30	348 ±30
	RDW-CV	%	19.4 ±3.0	16.8 ±3.0	15.1 ±3.0
	RDW-SD	fL	56.2 ±10.0	53.2 ±10.0	53.7 ±12.0
	PLT	×10 ⁹ /L	52 ±20	265 ±40	479 ±60
	MPV	fL	9.5 ±3.0	10.2 ±3.0	10.0 ±3.0
	PDW	fL	13.2 ±3.0	12.5 ±3.0	12.3 ±3.0
PCT	%	0.049 ±0.049	0.266 ±0.100	0.473 ±0.200	
P-LCR	%	25.6 ±8.0	28.0 ±8.0	26.7 ±8.0	
P-LCC	×10 ⁹ /L	13 ±13	73 ±25	127 ±35	

【NOTE】

1. The controls should be stored in refrigerator (2°C~8°C). After opening, it will keep stable for 14 days when it is stored airtight at 2°C~8°C.
2. Before mixing and running the control after take it out from the refrigerator, please keep it at least 15 minutes until reaching room temperature(15°C~30°C).
3. Controls must be well mixed before using. Please mix gently, to avoid cells rupture and/or generating bubbles.
4. After using, put the controls back into the refrigerator to prevent contamination and evaporation.



Low



Normal



High

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2021-09-10

Instrument	Parameter	Unit	Low	Normal	High
DYMIND UN73, UN71, UN76, DH73, (Technical File Version A6.3 or higher)	WBC	×10 ⁹ /L	3.43 ±0.50	7.92 ±1.00	18.21 ±2.50
	Neu%	%	48.2 ±9.0	57.2 ±8.0	64.5 ±7.0
	Lym%	%	40.3 ±9.0	31.0 ±8.0	21.4 ±6.0
	Mon%	%	6.2 ±4.0	6.2 ±5.0	6.7 ±6.0
	Eos%	%	4.7 ±4.7	4.9 ±4.9	6.6 ±6.6
	Bas%	%	0.6 ±0.6	0.7 ±0.7	0.8 ±0.8
	Neu#	×10 ⁹ /L	1.67 ±0.40	4.59 ±0.70	11.89 ±1.40
	Lym#	×10 ⁹ /L	1.38 ±0.40	2.46 ±0.70	3.90 ±1.10
	Mon#	×10 ⁹ /L	0.21 ±0.14	0.49 ±0.49	1.22 ±1.10
	Eos#	×10 ⁹ /L	0.16 ±0.15	0.39 ±0.39	1.20 ±1.20
	Bas#	×10 ⁹ /L	0.02 ±0.02	0.06 ±0.06	0.15 ±0.15
	RBC	×10 ¹² /L	2.42 ±0.18	4.71 ±0.24	5.19 ±0.50
	HGB	g/L	61 ±4	133 ±6	168 ±8
	HCT	%	18.2 ±2.0	39.3 ±3.0	48.6 ±4.0
	MCV	fL	75.4 ±5.0	83.4 ±5.0	93.6 ±6.0
	MCH	pg	25.2 ±2.5	28.2 ±2.5	32.3 ±2.5
	MCHC	g/L	334 ±30	339 ±30	345 ±30
	RDW-CV	%	18.8 ±3.0	16.0 ±3.0	14.3 ±3.0
	RDW-SD	fL	54.0 ±10.0	50.3 ±10.0	50.4 ±12.0
	PLT	×10 ⁹ /L	55 ±20	272 ±40	495 ±60
	MPV	fL	9.9 ±3.0	10.1 ±3.0	9.8 ±3.0
PDW	fL	13.8 ±3.0	12.4 ±3.0	12.2 ±3.0	
PCT	%	0.055 ±0.050	0.276 ±0.100	0.487 ±0.200	
P-LCR	%	28.7 ±8.0	27.7 ±8.0	26.0 ±8.0	
P-LCC	×10 ⁹ /L	16 ±15	75 ±25	129 ±35	

【NOTE】

1. The controls should be stored in refrigerator (2°C~8°C). After opening, it will keep stable for 14 days when it is stored airtight at 2°C~8°C.
2. Before mixing and running the control after take it out from the refrigerator, please keep it at least 15 minutes until reaching room temperature(15°C~30°C).
3. Controls must be well mixed before using. Please mix gently, to avoid cells rupture and/or generating bubbles.
4. After using, put the controls back into the refrigerator to prevent contamination and evaporation.



Low



Normal



High

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Instrument	Parameter	Unit	Low	Normal	High
DYMIND DH73vet (Technical File Version B5.5 or higher)	RBC	×10 ¹² /L	2.43 ±0.18	4.76 ±0.24	5.34 ±0.50
	HGB	g/L	61 ±4	135 ±6	171 ±8
	HCT	%	19.2 ±2.0	41.8 ±3.0	52.6 ±4.0
	MCV	fL	79.1 ±5.0	87.7 ±5.0	98.4 ±6.0
	MCH	pg	25.3 ±2.5	28.3 ±2.5	32.0 ±2.5
	MCHC	g/L	320 ±30	323 ±30	325 ±30
	RDW-CV	%	18.6 ±3.0	15.9 ±3.0	14.2 ±3.0
	RDW-SD	fL	52.4 ±10.0	48.9 ±10.0	49.0 ±12.0
	PLT	×10 ⁹ /L	57 ±20	277 ±40	512 ±60
	MPV	fL	10.1 ±3.0	10.2 ±3.0	9.9 ±3.0
	PDW	fL	13.6 ±3.0	12.5 ±3.0	12.2 ±3.0
	PCT	%	0.059 ±0.050	0.289 ±0.100	0.517 ±0.200
	P-LCR	%	29.2 ±8.0	28.1 ±8.0	26.1 ±8.0
P-LCC	×10 ⁹ /L	17 ±15	80 ±25	137 ±35	

【NOTE】

1. The controls should be stored in refrigerator (2°C~8°C). After opening, it will keep stable for 14 days when it is stored airtight at 2°C~8°C.
2. Before mixing and running the control after take it out from the refrigerator, please keep it at least 15 minutes until reaching room temperature(15°C~30°C).
3. Controls must be well mixed before using. Please mix gently, to avoid cells rupture and/or generating bubbles.
4. After using, put the controls back into the refrigerator to prevent contamination and evaporation.

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Instrument	Parameter	Unit	Low		Normal		High	
DYMIND DF50, DF51, DF52, DF53, DF55, DF56, (Technical File Version A10.0 to A11.1) DF50 Vet (Technical File Version A2.0 to A7.0)	WBC	×10 ⁹ /L	3.39	±0.50	7.84	±1.00	18.00	±2.50
	Neu%	%	49.2	±9.0	56.3	±8.0	62.7	±7.0
	Lym%	%	38.8	±9.0	30.0	±8.0	19.6	±6.0
	Mon%	%	5.0	±4.0	5.0	±5.0	5.7	±5.7
	Eos%	%	7.0	±5.0	8.7	±6.0	12.0	±7.0
	Bas%	%	1.3	±1.3	0.7	±0.7	0.7	±0.7
	Neu#	×10 ⁹ /L	1.67	±0.40	4.41	±0.70	11.29	±1.40
	Lym#	×10 ⁹ /L	1.32	±0.40	2.35	±0.70	3.53	±1.10
	Mon#	×10 ⁹ /L	0.17	±0.14	0.39	±0.39	1.03	±1.03
	Eos#	×10 ⁹ /L	0.24	±0.15	0.68	±0.50	2.16	±1.30
	Bas#	×10 ⁹ /L	0.04	±0.04	0.05	±0.05	0.13	±0.13
	RBC	×10 ¹² /L	2.41	±0.18	4.77	±0.24	5.34	±0.50
	HGB	g/L	60	±4	133	±6	171	±8
	HCT	%	18.5	±2.0	41.0	±3.0	51.4	±4.0
	MCV	fL	76.6	±5.0	85.9	±5.0	96.3	±6.0
	MCH	pg	24.9	±2.5	27.8	±2.5	32.0	±2.5
	MCHC	g/L	324	±30	323	±30	332	±30
	RDW-CV	%	15.9	±3.0	13.9	±3.0	12.6	±3.0
	RDW-SD	fL	50.6	±10.0	48.7	±10.0	49.4	±12.0
	PLT	×10 ⁹ /L	62	±20	276	±40	485	±60
	MPV	fL	9.8	±3.0	10.0	±3.0	9.9	±3.0
	PDW	fL	14.7	±3.0	16.0	±3.0	16.1	±3.0
	PCT	%	0.059	±0.050	0.270	±0.100	0.471	±0.200
P-LCR	%	34.4	±8.0	37.3	±8.0	36.4	±8.0	
P-LCC	×10 ⁹ /L	21	±15	101	±25	173	±35	

【NOTE】

1. The controls should be stored in refrigerator (2°C~8°C). After opening, it will keep stable for 14 days when it is stored airtight at 2°C~8°C.
2. Before mixing and running the control after take it out from the refrigerator, please keep it at least 15 minutes until reaching room temperature(15°C~30°C).
3. Controls must be well mixed before using. Please mix gently, to avoid cells rupture and/or generating bubbles.
4. After using, put the controls back into the refrigerator to prevent contamination and evaporation.
5. P-LCC and P-LCR parameters are not use on DF50,DF51,DF53 and DF50 Vet model.

DM-5D

HEMATOLOGY CONTROL

Assay values and ranges provided by DYMIND

CONTROL

LOT BC0721

2021-06-13

2021-09-10

Instrument	Parameter	Unit	Low		Normal		High	
DYMIND DF50, DF51, DF52, DF53, DF55, DF56, (Technical File Version A11.2 to A11.6)	WBC	×10 ⁹ /L	3.38	±0.50	7.84	±1.00	18.06	±2.50
	Neu%	%	49.6	±9.0	56.7	±8.0	62.7	±7.0
	Lym%	%	39.1	±9.0	29.9	±8.0	19.9	±6.0
	Mon%	%	4.6	±4.0	4.5	±4.5	5.4	±5.4
	Eos%	%	6.7	±5.0	8.9	±6.0	12.0	±7.0
	Bas%	%	1.4	±1.4	1.1	±1.1	2.3	±2.3
	Neu#	×10 ⁹ /L	1.67	±0.40	4.45	±0.70	11.32	±1.40
	Lym#	×10 ⁹ /L	1.32	±0.40	2.34	±0.70	3.59	±1.10
	Mon#	×10 ⁹ /L	0.16	±0.14	0.35	±0.35	0.98	±0.98
	Eos#	×10 ⁹ /L	0.23	±0.15	0.70	±0.50	2.17	±1.30
	Bas#	×10 ⁹ /L	0.05	±0.05	0.09	±0.09	0.42	±0.42
	RBC	×10 ¹² /L	2.46	±0.18	4.82	±0.24	5.40	±0.50
	HGB	g/L	60	±4	132	±6	171	±8
	HCT	%	19.3	±2.0	41.7	±3.0	52.3	±4.0
	MCV	fL	78.4	±5.0	86.6	±5.0	96.8	±6.0
	MCH	pg	24.2	±2.5	27.5	±2.5	31.6	±2.5
	MCHC	g/L	309	±30	318	±30	327	±30
	RDW-CV	%	15.5	±3.0	13.5	±3.0	12.1	±3.0
	RDW-SD	fL	50.8	±10.0	48.2	±10.0	48.4	±12.0
	PLT	×10 ⁹ /L	56	±20	273	±40	482	±60
	MPV	fL	10.2	±3.0	10.5	±3.0	10.3	±3.0
	PDW	fL	14.3	±3.0	14.4	±3.0	14.1	±3.0
PCT	%	0.057	±0.050	0.285	±0.100	0.494	±0.200	
P-LCR	%	36.9	±8.0	40.6	±8.0	39.3	±8.0	
P-LCC	×10 ⁹ /L	21	±15	111	±25	189	±35	

【NOTE】

1. The controls should be stored in refrigerator (2°C~8°C). After opening, it will keep stable for 14 days when it is stored airtight at 2°C~8°C.
2. Before mixing and running the control after take it out from the refrigerator, please keep it at least 15 minutes until reaching room temperature(15°C~30°C).
3. Controls must be well mixed before using. Please mix gently, to avoid cells rupture and/or generating bubbles.
4. After using, put the controls back into the refrigerator to prevent contamination and evaporation.
5. P-LCC and P-LCR parameters are not use on DF50,DF51 and DF53 model.

DM-5D

HEMATOLOGY CONTROL

Assay values and ranges provided by DYMIND

CONTROL

LOT BC0721

2021-06-13

2021-09-10

Instrument	Parameter	Unit	Low		Normal		High	
DYMIND DF50, DF51, DF52, DF53, DF55, DF56, (Technical File Version A12.0 or higher)	WBC	×10 ⁹ /L	3.50	±0.50	8.10	±1.00	18.58	±2.50
	Neu%	%	50.3	±9.0	56.5	±8.0	62.5	±7.0
	Lym%	%	38.5	±9.0	29.7	±8.0	20.2	±6.0
	Mon%	%	5.4	±4.0	5.3	±5.0	5.5	±5.5
	Eos%	%	5.8	±5.0	8.5	±6.0	11.8	±7.0
	Bas%	%	1.1	±1.1	0.6	±0.6	0.7	±0.7
	Neu#	×10 ⁹ /L	1.76	±0.40	4.58	±0.70	11.62	±1.40
	Lym#	×10 ⁹ /L	1.35	±0.40	2.41	±0.70	3.75	±1.10
	Mon#	×10 ⁹ /L	0.19	±0.14	0.43	±0.43	1.02	±1.02
	Eos#	×10 ⁹ /L	0.20	±0.15	0.69	±0.50	2.19	±1.30
	Bas#	×10 ⁹ /L	0.04	±0.04	0.05	±0.05	0.13	±0.13
	RBC	×10 ¹² /L	2.46	±0.18	4.84	±0.24	5.41	±0.50
	HGB	g/L	60	±4	135	±6	173	±8
	HCT	%	18.8	±2.0	40.2	±3.0	49.8	±4.0
	MCV	fL	76.6	±5.0	83.0	±5.0	92.1	±6.0
	MCH	pg	24.5	±2.5	27.8	±2.5	31.9	±2.5
	MCHC	g/L	321	±30	335	±30	347	±30
	RDW-CV	%	16.0	±3.0	14.1	±3.0	12.7	±3.0
	RDW-SD	fL	53.2	±10.0	51.1	±10.0	51.5	±12.0
	PLT	×10 ⁹ /L	57	±20	266	±40	473	±60
MPV	fL	9.8	±3.0	9.8	±3.0	9.8	±3.0	
PDW	fL	13.0	±3.0	13.8	±3.0	13.5	±3.0	
PCT	%	0.056	±0.050	0.262	±0.100	0.464	±0.200	
P-LCR	%	33.2	±8.0	36.6	±8.0	35.6	±8.0	
P-LCC	×10 ⁹ /L	19	±15	97	±25	169	±35	

【NOTE】

1. The controls should be stored in refrigerator (2°C~8°C). After opening, it will keep stable for 14 days when it is stored airtight at 2°C~8°C.
2. Before mixing and running the control after take it out from the refrigerator, please keep it at least 15 minutes until reaching room temperature(15°C~30°C).
3. Controls must be well mixed before using. Please mix gently, to avoid cells rupture and/or generating bubbles.
4. After using, put the controls back into the refrigerator to prevent contamination and evaporation.
5. P-LCC and P-LCR parameters are not use on DF50,DF51 and DF53 model.



Low



Normal



High

DM-5D

HEMATOLOGY CONTROL

Assay values and ranges provided by DYMIND

CONTROL

LOT BC0721

2021-06-13

2021-09-10

Instrument	Parameter	Unit	Low		Normal		High	
DYMIND DF50, DF51, DF52, DF53, DF55, DF56, (Technical File Version B1.0 or higher)	WBC	×10 ⁹ /L	3.43	±0.50	8.00	±1.00	17.92	±2.50
	Neu%	%	50.1	±9.0	57.1	±8.0	62.7	±7.0
	Lym%	%	38.8	±9.0	29.5	±8.0	20.0	±6.0
	Mon%	%	5.1	±4.0	4.9	±4.9	5.5	±5.5
	Eos%	%	6.0	±5.0	8.5	±6.0	11.8	±7.0
	Bas%	%	1.0	±1.0	0.7	±0.7	0.9	±0.9
	Neu#	×10 ⁹ /L	1.72	±0.40	4.57	±0.70	11.24	±1.40
	Lym#	×10 ⁹ /L	1.33	±0.40	2.36	±0.70	3.58	±1.10
	Mon#	×10 ⁹ /L	0.18	±0.14	0.39	±0.39	0.99	±0.99
	Eos#	×10 ⁹ /L	0.21	±0.15	0.68	±0.50	2.11	±1.30
	Bas#	×10 ⁹ /L	0.03	±0.03	0.06	±0.06	0.16	±0.16
	RBC	×10 ¹² /L	2.49	±0.18	4.86	±0.24	5.33	±0.50
	HGB	g/L	60	±4	135	±6	172	±8
	HCT	%	18.9	±2.0	40.2	±3.0	49.3	±4.0
	MCV	fL	76.0	±5.0	82.7	±5.0	92.4	±6.0
	MCH	pg	24.3	±2.5	27.8	±2.5	32.2	±2.5
	MCHC	g/L	319	±30	337	±30	348	±30
	RDW-CV	%	15.7	±3.0	13.7	±3.0	12.2	±3.0
	RDW-SD	fL	51.1	±10.0	48.5	±10.0	48.7	±12.0
	PLT	×10 ⁹ /L	62	±20	284	±40	493	±60
MPV	fL	9.6	±3.0	9.7	±3.0	9.6	±3.0	
PDW	fL	14.2	±3.0	14.7	±3.0	14.4	±3.0	
PCT	%	0.061	±0.050	0.280	±0.100	0.482	±0.200	
P-LCR	%	32.2	±8.0	35.1	±8.0	33.8	±8.0	
P-LCC	×10 ⁹ /L	21	±15	102	±25	170	±35	

【NOTE】

1. The controls should be stored in refrigerator (2°C~8°C). After opening, it will keep stable for 14 days when it is stored airtight at 2°C~8°C.
2. Before mixing and running the control after take it out from the refrigerator, please keep it at least 15 minutes until reaching room temperature(15°C~30°C).
3. Controls must be well mixed before using. Please mix gently, to avoid cells rupture and/or generating bubbles.
4. After using, put the controls back into the refrigerator to prevent contamination and evaporation.
5. P-LCC and P-LCR parameters are not use on DF50,DF51 and DF53 model.



Low



Normal



High

DM-5D

HEMATOLOGY CONTROL

Assay values and ranges provided by DYMIND

CONTROL

LOT BC0721

2021-06-13

2021-09-10

Instrument	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	3.49	±0.50	7.95	±1.00	17.86	±2.50
	Neu%	%	49.2	±9.0	56.1	±8.0	63.4	±7.0
	Lym%	%	38.1	±9.0	29.5	±8.0	20.0	±6.0
	Mon%	%	6.6	±4.0	6.5	±5.0	6.8	±6.0
	Eos%	%	6.1	±5.0	7.9	±6.0	9.8	±7.0
	Bas%	%	61.7	±8.0	71.0	±8.0	80.8	±8.0
	Neu#	×10 ⁹ /L	1.72	±0.40	4.46	±0.70	11.33	±1.40
	Lym#	×10 ⁹ /L	1.33	±0.40	2.35	±0.70	3.57	±1.10
	Mon#	×10 ⁹ /L	0.23	±0.14	0.52	±0.50	1.21	±1.10
	Eos#	×10 ⁹ /L	0.21	±0.15	0.63	±0.50	1.75	±1.30
	Bas#	×10 ⁹ /L	2.15	±0.30	5.65	±0.70	14.43	±1.50
	RBC	×10 ¹² /L	2.42	±0.18	4.77	±0.24	5.32	±0.50
	HGB	g/L	60	±4	133	±6	167	±8
	HCT	%	19.8	±2.0	43.3	±3.0	54.2	±4.0
	MCV	fL	81.9	±5.0	90.8	±5.0	101.8	±6.0
	MCH	pg	24.7	±2.5	27.9	±2.5	31.4	±2.5
	MCHC	g/L	302	±30	307	±30	308	±30
	RDW-CV	%	18.7	±3.0	15.9	±3.0	14.2	±3.0
	RDW-SD	fL	53.9	±10.0	50.3	±10.0	50.3	±12.0
	PLT	×10 ⁹ /L	53	±20	271	±40	516	±60
MPV	fL	10.2	±3.0	10.5	±3.0	10.2	±3.0	
PDW	fL	10.1	±3.0	10.1	±3.0	10.1	±3.0	
PCT	%	0.053	±0.050	0.278	±0.100	0.515	±0.200	
P-LCR	%	29.8	±8.0	29.9	±8.0	28.2	±8.0	
P-LCC	×10 ⁹ /L	16	±15	80	±25	142	±35	

【NOTE】

1. The controls should be stored in refrigerator (2°C~8°C). After opening, it will keep stable for 14 days when it is stored airtight at 2°C~8°C.
2. Before mixing and running the control after take it out from the refrigerator, please keep it at least 15 minutes until reaching room temperature(15°C~30°C).
3. Controls must be well mixed before using. Please mix gently, to avoid cells rupture and/or generating bubbles.
4. After using, put the controls back into the refrigerator to prevent contamination and evaporation.

DM-5D

HEMATOLOGY CONTROL

Assay values and ranges provided by DYMIND

CONTROL

LOT BC0721

2021-06-13

2021-09-10

Instrument	Parameter	Unit	Low		Normal		High	
DYMIND DH71, DH76, (Technical File Version A10.4)	WBC	×10 ⁹ /L	3.29	±0.50	7.50	±1.00	16.84	±2.50
	Neu%	%	49.0	±9.0	55.9	±8.0	62.9	±7.0
	Lym%	%	38.8	±9.0	30.6	±8.0	20.7	±6.0
	Mon%	%	7.2	±4.0	6.9	±5.0	7.2	±6.0
	Eos%	%	5.0	±5.0	6.6	±6.0	9.2	±7.0
	Bas%	%	60.7	±8.0	70.1	±8.0	80.1	±8.0
	Neu#	×10 ⁹ /L	1.61	±0.40	4.19	±0.70	10.59	±1.40
	Lym#	×10 ⁹ /L	1.28	±0.40	2.29	±0.70	3.49	±1.10
	Mon#	×10 ⁹ /L	0.24	±0.14	0.52	±0.50	1.21	±1.10
	Eos#	×10 ⁹ /L	0.16	±0.15	0.49	±0.49	1.55	±1.30
	Bas#	×10 ⁹ /L	2.00	±0.30	5.26	±0.70	13.49	±1.50
	RBC	×10 ¹² /L	2.44	±0.18	4.84	±0.24	5.45	±0.50
	HGB	g/L	60	±4	133	±6	169	±8
	HCT	%	18.7	±2.0	40.6	±3.0	51.2	±4.0
	MCV	fL	76.4	±5.0	84.0	±5.0	94.0	±6.0
	MCH	pg	24.4	±2.5	27.5	±2.5	31.0	±2.5
	MCHC	g/L	318	±30	328	±30	330	±30
	RDW-CV	%	18.8	±3.0	15.9	±3.0	14.3	±3.0
	RDW-SD	fL	54.1	±10.0	50.5	±10.0	50.7	±12.0
	PLT	×10 ⁹ /L	49	±20	277	±40	531	±60
	MPV	fL	10.9	±3.0	10.4	±3.0	10.1	±3.0
	PDW	fL	12.5	±3.0	13.0	±3.0	12.7	±3.0
	PCT	%	0.053	±0.050	0.288	±0.100	0.538	±0.200
P-LCR	%	30.8	±8.0	29.7	±8.0	27.9	±8.0	
P-LCC	×10 ⁹ /L	15	±15	78	±25	148	±35	

【NOTE】

1. The controls should be stored in refrigerator (2°C~8°C). After opening, it will keep stable for 14 days when it is stored airtight at 2°C~8°C.
2. Before mixing and running the control after take it out from the refrigerator, please keep it at least 15 minutes until reaching room temperature(15°C~30°C).
3. Controls must be well mixed before using. Please mix gently, to avoid cells rupture and/or generating bubbles.
4. After using, put the controls back into the refrigerator to prevent contamination and evaporation.

DM-5D

HEMATOLOGY CONTROL

Assay values and ranges provided by DYMIND

CONTROL

LOT BC0721

2021-06-13

2021-09-10

Instrument	Parameter	Unit	Low	Normal	High
DYMIND DH71, DH76, (Technical File Version A10.5 or higher)	WBC	×10 ⁹ /L	3.47 ±0.50	8.02 ±1.00	18.30 ±2.50
	Neu%	%	49.2 ±9.0	56.2 ±8.0	63.1 ±7.0
	Lym%	%	39.2 ±9.0	30.4 ±8.0	20.4 ±6.0
	Mon%	%	6.5 ±4.0	6.5 ±5.0	6.9 ±6.0
	Eos%	%	5.1 ±5.0	6.9 ±6.0	9.6 ±7.0
	Bas%	%	62.8 ±8.0	72.2 ±8.0	81.9 ±8.0
	Neu#	×10 ⁹ /L	1.71 ±0.40	4.51 ±0.70	11.55 ±1.40
	Lym#	×10 ⁹ /L	1.36 ±0.40	2.44 ±0.70	3.73 ±1.10
	Mon#	×10 ⁹ /L	0.23 ±0.14	0.52 ±0.50	1.26 ±1.10
	Eos#	×10 ⁹ /L	0.18 ±0.15	0.55 ±0.50	1.76 ±1.30
	Bas#	×10 ⁹ /L	2.18 ±0.30	5.79 ±0.70	14.99 ±1.50
	RBC	×10 ¹² /L	2.39 ±0.18	4.73 ±0.24	5.30 ±0.50
	HGB	g/L	60 ±4	133 ±6	168 ±8
	HCT	%	18.2 ±2.0	39.7 ±3.0	49.9 ±4.0
	MCV	fL	76.2 ±5.0	84.0 ±5.0	94.2 ±6.0
	MCH	pg	25.0 ±2.5	28.2 ±2.5	31.7 ±2.5
	MCHC	g/L	328 ±30	336 ±30	337 ±30
	RDW-CV	%	18.9 ±3.0	16.0 ±3.0	14.2 ±3.0
	RDW-SD	fL	53.2 ±10.0	49.5 ±10.0	49.2 ±12.0
	PLT	×10 ⁹ /L	46 ±20	273 ±40	509 ±60
	MPV	fL	10.3 ±3.0	10.0 ±3.0	9.8 ±3.0
	PDW	fL	12.3 ±3.0	12.3 ±3.0	11.9 ±3.0
	PCT	%	0.048 ±0.048	0.273 ±0.100	0.497 ±0.200
P-LCR	%	27.2 ±8.0	27.0 ±8.0	25.1 ±8.0	
P-LCC	×10 ⁹ /L	13 ±13	74 ±25	128 ±35	

【NOTE】

1. The controls should be stored in refrigerator (2°C~8°C). After opening, it will keep stable for 14 days when it is stored airtight at 2°C~8°C.
2. Before mixing and running the control after take it out from the refrigerator, please keep it at least 15 minutes until reaching room temperature(15°C~30°C).
3. Controls must be well mixed before using. Please mix gently, to avoid cells rupture and/or generating bubbles.
4. After using, put the controls back into the refrigerator to prevent contamination and evaporation.

DM-5D

HEMATOLOGY CONTROL

Assay values and ranges provided by DYMIND

CONTROL

LOT BC0721

2021-06-13

2021-09-10

Instrument	Parameter	Unit	Low	Normal	High
DYMIND D2-CRP, D7-CRP, DH71-CRP, DH73-CRP, (Technical File Version A3.0 to A5.11)	WBC	×10 ⁹ /L	3.47 ±0.50	7.92 ±1.00	17.89 ±2.50
	Neu%	%	49.9 ±9.0	57.0 ±8.0	64.0 ±7.0
	Lym%	%	38.4 ±9.0	29.9 ±8.0	20.6 ±6.0
	Mon%	%	6.7 ±4.0	6.6 ±5.0	6.9 ±6.0
	Eos%	%	5.0 ±5.0	6.5 ±6.0	8.5 ±7.0
	Bas%	%	62.3 ±8.0	71.5 ±8.0	81.0 ±8.0
	Neu#	×10 ⁹ /L	1.73 ±0.40	4.51 ±0.70	11.45 ±1.40
	Lym#	×10 ⁹ /L	1.33 ±0.40	2.37 ±0.70	3.68 ±1.10
	Mon#	×10 ⁹ /L	0.23 ±0.14	0.52 ±0.50	1.23 ±1.10
	Eos#	×10 ⁹ /L	0.17 ±0.15	0.51 ±0.50	1.52 ±1.30
	Bas#	×10 ⁹ /L	2.16 ±0.30	5.66 ±0.70	14.49 ±1.50
	RBC	×10 ¹² /L	2.40 ±0.18	4.69 ±0.24	5.20 ±0.50
	HGB	g/L	60 ±4	132 ±6	165 ±8
	HCT	%	19.1 ±2.0	41.4 ±3.0	51.5 ±4.0
	MCV	fL	79.4 ±5.0	88.2 ±5.0	99.1 ±6.0
	MCH	pg	24.8 ±2.5	28.0 ±2.5	31.7 ±2.5
	MCHC	g/L	312 ±30	318 ±30	320 ±30
	RDW-CV	%	18.9 ±3.0	16.1 ±3.0	14.4 ±3.0
	RDW-SD	fL	54.0 ±10.0	50.4 ±10.0	50.5 ±12.0
	PLT	×10 ⁹ /L	53 ±20	274 ±40	512 ±60
	MPV	fL	10.9 ±3.0	10.7 ±3.0	10.5 ±3.0
	PDW	/	10.1 ±3.0	10.1 ±3.0	10.1 ±3.0
	PDW	fL	13.2 ±3.0	13.5 ±3.0	13.2 ±3.0
	PCT	%	0.057 ±0.050	0.290 ±0.100	0.532 ±0.200
	P-LCR	%	31.1 ±8.0	31.5 ±8.0	30.1 ±8.0
	P-LCC	×10 ⁹ /L	16 ±15	86 ±25	152 ±35

【NOTE】

1. The controls should be stored in refrigerator (2°C~8°C). After opening, it will keep stable for 14 days when it is stored airtight at 2°C~8°C.
2. Before mixing and running the control after take it out from the refrigerator, please keep it at least 15 minutes until reaching room temperature(15°C~30°C).
3. Controls must be well mixed before using. Please mix gently, to avoid cells rupture and/or generating bubbles.
4. After using, put the controls back into the refrigerator to prevent contamination and evaporation.

DM-5D

HEMATOLOGY CONTROL

Assay values and ranges provided by DYMIND

CONTROL

LOT BC0721

2021-06-13

2021-09-10

Instrument	Parameter	Unit	Low	Normal	High
DYMIND D2-CRP, D7-CRP, DH71-CRP, DH73-CRP, (Technical File Version A6.0 to A 6.5)	WBC	×10 ⁹ /L	3.45 ±0.50	7.90 ±1.00	18.23 ±2.50
	Neu%	%	49.1 ±9.0	56.4 ±8.0	63.4 ±7.0
	Lym%	%	39.3 ±9.0	30.1 ±8.0	20.4 ±6.0
	Mon%	%	6.6 ±4.0	6.7 ±5.0	7.0 ±6.0
	Eos%	%	5.0 ±5.0	6.8 ±6.0	9.2 ±7.0
	Bas%	%	62.8 ±8.0	72.2 ±8.0	81.5 ±8.0
	Neu#	×10 ⁹ /L	1.69 ±0.40	4.46 ±0.70	11.56 ±1.40
	Lym#	×10 ⁹ /L	1.35 ±0.40	2.38 ±0.70	3.72 ±1.10
	Mon#	×10 ⁹ /L	0.23 ±0.14	0.53 ±0.50	1.28 ±1.10
	Eos#	×10 ⁹ /L	0.17 ±0.15	0.54 ±0.50	1.68 ±1.30
	Bas#	×10 ⁹ /L	2.16 ±0.30	5.71 ±0.70	14.86 ±1.50
	RBC	×10 ¹² /L	2.36 ±0.18	4.66 ±0.24	5.24 ±0.50
	HGB	g/L	60 ±4	133 ±6	168 ±8
	HCT	%	18.2 ±2.0	39.1 ±3.0	49.1 ±4.0
	MCV	fL	77.0 ±5.0	83.9 ±5.0	93.6 ±6.0
	MCH	pg	25.4 ±2.5	28.6 ±2.5	32.0 ±2.5
	MCHC	g/L	329 ±30	341 ±30	341 ±30
	RDW-CV	%	19.1 ±3.0	16.3 ±3.0	14.5 ±3.0
	RDW-SD	fL	53.7 ±10.0	50.6 ±10.0	50.5 ±12.0
	PLT	×10 ⁹ /L	49 ±20	277 ±40	526 ±60
	MPV	fL	10.8 ±3.0	10.6 ±3.0	10.4 ±3.0
	PDW	fL	13.2 ±3.0	13.5 ±3.0	13.0 ±3.0
PCT	%	0.054 ±0.050	0.295 ±0.100	0.552 ±0.200	
P-LCR	%	30.5 ±8.0	30.7 ±8.0	29.2 ±8.0	
P-LCC	×10 ⁹ /L	15 ±15	86 ±25	156 ±35	

【NOTE】

1. The controls should be stored in refrigerator (2°C~8°C). After opening, it will keep stable for 14 days when it is stored airtight at 2°C~8°C.
2. Before mixing and running the control after take it out from the refrigerator, please keep it at least 15 minutes until reaching room temperature(15°C~30°C).
3. Controls must be well mixed before using. Please mix gently, to avoid cells rupture and/or generating bubbles.
4. After using, put the controls back into the refrigerator to prevent contamination and evaporation.



Low



Normal



High

DM-5D

HEMATOLOGY CONTROL

Assay values and ranges provided by DYMIND

CONTROL

LOT BC0721

2021-06-13

2021-09-10

Instrument	Parameter	Unit	Low	Normal	High
DYMIND D2-CRP, D7-CRP, DH71-CRP, DH73-CRP, (Technical File Version A6.6 or higher)	WBC	×10 ⁹ /L	3.64 ±0.50	8.33 ±1.00	18.80 ±2.50
	Neu%	%	49.6 ±9.0	56.4 ±8.0	63.2 ±7.0
	Lym%	%	38.9 ±9.0	30.1 ±8.0	20.5 ±6.0
	Mon%	%	6.5 ±4.0	6.4 ±5.0	6.7 ±6.0
	Eos%	%	5.0 ±5.0	7.1 ±6.0	9.6 ±7.0
	Bas%	%	63.4 ±8.0	72.6 ±8.0	81.9 ±8.0
	Neu#	×10 ⁹ /L	1.81 ±0.40	4.70 ±0.70	11.88 ±1.40
	Lym#	×10 ⁹ /L	1.42 ±0.40	2.51 ±0.70	3.85 ±1.10
	Mon#	×10 ⁹ /L	0.24 ±0.14	0.53 ±0.50	1.26 ±1.10
	Eos#	×10 ⁹ /L	0.18 ±0.15	0.59 ±0.50	1.80 ±1.30
	Bas#	×10 ⁹ /L	2.31 ±0.30	6.04 ±0.70	15.40 ±1.50
	RBC	×10 ¹² /L	2.38 ±0.18	4.70 ±0.24	5.23 ±0.50
	HGB	g/L	60 ±4	133 ±6	167 ±8
	HCT	%	18.1 ±2.0	39.1 ±3.0	48.8 ±4.0
	MCV	fL	76.0 ±5.0	83.2 ±5.0	93.3 ±6.0
	MCH	pg	25.2 ±2.5	28.3 ±2.5	31.9 ±2.5
	MCHC	g/L	331 ±30	340 ±30	341 ±30
	RDW-CV	%	18.8 ±3.0	15.9 ±3.0	14.2 ±3.0
	RDW-SD	fL	52.8 ±10.0	49.2 ±10.0	49.0 ±12.0
	PLT	×10 ⁹ /L	50 ±20	276 ±40	522 ±60
	MPV	fL	10.2 ±3.0	10.0 ±3.0	9.8 ±3.0
	PDW	fL	12.2 ±3.0	12.3 ±3.0	11.9 ±3.0
PCT	%	0.050 ±0.050	0.273 ±0.100	0.507 ±0.200	
P-LCR	%	26.9 ±8.0	26.9 ±8.0	25.4 ±8.0	
P-LCC	×10 ⁹ /L	13 ±13	74 ±25	131 ±35	

【NOTE】

1. The controls should be stored in refrigerator (2°C~8°C). After opening, it will keep stable for 14 days when it is stored airtight at 2°C~8°C.
2. Before mixing and running the control after take it out from the refrigerator, please keep it at least 15 minutes until reaching room temperature(15°C~30°C).
3. Controls must be well mixed before using. Please mix gently, to avoid cells rupture and/or generating bubbles.
4. After using, put the controls back into the refrigerator to prevent contamination and evaporation.



Low



Normal



High

DM-5D

HEMATOLOGY CONTROL

Assay values and ranges provided by DYMIND

CONTROL

LOT BC0721

2021-06-13

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Instrument	Parameter	Unit	Low	Normal	High
DYMIND D6-CRP, DH76-CRP, (Technical File Version B1.0 to B2.0)	WBC	×10 ⁹ /L	3.44 ±0.50	7.92 ±1.00	17.81 ±2.50
	Neu%	%	48.8 ±9.0	57.1 ±8.0	64.0 ±7.0
	Lym%	%	39.6 ±9.0	30.1 ±8.0	20.8 ±6.0
	Mon%	%	6.6 ±4.0	6.9 ±5.0	7.0 ±6.0
	Eos%	%	5.0 ±5.0	5.9 ±5.9	8.2 ±7.0
	Bas%	%	62.0 ±8.0	71.5 ±8.0	81.0 ±8.0
	Neu#	×10 ⁹ /L	1.68 ±0.40	4.52 ±0.70	11.40 ±1.40
	Lym#	×10 ⁹ /L	1.36 ±0.40	2.38 ±0.70	3.71 ±1.10
	Mon#	×10 ⁹ /L	0.23 ±0.14	0.55 ±0.50	1.25 ±1.10
	Eos#	×10 ⁹ /L	0.17 ±0.15	0.47 ±0.47	1.46 ±1.30
	Bas#	×10 ⁹ /L	2.13 ±0.30	5.66 ±0.70	14.43 ±1.50
	RBC	×10 ¹² /L	2.36 ±0.18	4.64 ±0.24	5.21 ±0.50
	HGB	g/L	62 ±4	132 ±6	165 ±8
	HCT	%	18.0 ±2.0	38.7 ±3.0	48.5 ±4.0
	MCV	fL	76.3 ±5.0	83.3 ±5.0	93.2 ±6.0
	MCH	pg	26.2 ±2.5	28.4 ±2.5	31.6 ±2.5
	MCHC	g/L	343 ±30	340 ±30	339 ±30
	RDW-CV	%	19.0 ±3.0	16.2 ±3.0	14.4 ±3.0
	RDW-SD	fL	51.7 ±10.0	48.3 ±10.0	48.1 ±12.0
	PLT	×10 ⁹ /L	53 ±20	270 ±40	514 ±60
	MPV	fL	9.3 ±3.0	9.9 ±3.0	9.7 ±3.0
	PDW	fL	12.6 ±3.0	12.1 ±3.0	11.5 ±3.0
	PCT	%	0.048 ±0.048	0.264 ±0.100	0.489 ±0.200
P-LCR	%	24.2 ±8.0	26.4 ±8.0	24.4 ±8.0	
P-LCC	×10 ⁹ /L	13 ±13	70 ±25	124 ±35	

【NOTE】

1. The controls should be stored in refrigerator (2°C~8°C). After opening, it will keep stable for 14 days when it is stored airtight at 2°C~8°C.
2. Before mixing and running the control after take it out from the refrigerator, please keep it at least 15 minutes until reaching room temperature(15°C~30°C).
3. Controls must be well mixed before using. Please mix gently, to avoid cells rupture and/or generating bubbles.
4. After using, put the controls back into the refrigerator to prevent contamination and evaporation.



Low



Normal



High

DM-5D

HEMATOLOGY CONTROL

Assay values and ranges provided by DYMIND

CONTROL

LOT BC0721

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2021-09-10

Instrument	Parameter	Unit	Low	Normal	High
DYMIND D6-CRP, DH76-CRP, (Technical File Version B2.2 or higher)	WBC	×10 ⁹ /L	3.55 ±0.50	8.18 ±1.00	18.42 ±2.50
	Neu%	%	49.6 ±9.0	56.2 ±8.0	63.3 ±7.0
	Lym%	%	38.3 ±9.0	30.0 ±8.0	20.2 ±6.0
	Mon%	%	7.1 ±4.0	6.7 ±5.0	7.0 ±6.0
	Eos%	%	5.0 ±5.0	7.1 ±6.0	9.5 ±7.0
	Bas%	%	62.5 ±8.0	71.9 ±8.0	81.7 ±8.0
	Neu#	×10 ⁹ /L	1.76 ±0.40	4.60 ±0.70	11.66 ±1.40
	Lym#	×10 ⁹ /L	1.36 ±0.40	2.45 ±0.70	3.72 ±1.10
	Mon#	×10 ⁹ /L	0.25 ±0.14	0.55 ±0.50	1.29 ±1.10
	Eos#	×10 ⁹ /L	0.18 ±0.15	0.58 ±0.50	1.75 ±1.30
	Bas#	×10 ⁹ /L	2.22 ±0.30	5.88 ±0.70	15.05 ±1.50
	RBC	×10 ¹² /L	2.41 ±0.18	4.74 ±0.24	5.25 ±0.50
	HGB	g/L	62 ±4	133 ±6	166 ±8
	HCT	%	18.3 ±2.0	39.3 ±3.0	48.8 ±4.0
	MCV	fL	75.9 ±5.0	82.9 ±5.0	92.9 ±6.0
	MCH	pg	25.5 ±2.5	28.0 ±2.5	31.6 ±2.5
	MCHC	g/L	337 ±30	338 ±30	340 ±30
	RDW-CV	%	18.8 ±3.0	16.0 ±3.0	14.1 ±3.0
	RDW-SD	fL	53.5 ±10.0	49.9 ±10.0	49.4 ±12.0
	PLT	×10 ⁹ /L	50 ±20	280 ±40	531 ±60
	MPV	fL	9.7 ±3.0	10.1 ±3.0	9.8 ±3.0
PDW	fL	13.1 ±3.0	12.3 ±3.0	12.0 ±3.0	
PCT	%	0.049 ±0.049	0.278 ±0.100	0.515 ±0.200	
P-LCR	%	27.1 ±8.0	27.0 ±8.0	25.5 ±8.0	
P-LCC	×10 ⁹ /L	14 ±14	75 ±25	134 ±35	

【NOTE】

1. The controls should be stored in refrigerator (2°C~8°C). After opening, it will keep stable for 14 days when it is stored airtight at 2°C~8°C.
2. Before mixing and running the control after take it out from the refrigerator, please keep it at least 15 minutes until reaching room temperature(15°C~30°C).
3. Controls must be well mixed before using. Please mix gently, to avoid cells rupture and/or generating bubbles.
4. After using, put the controls back into the refrigerator to prevent contamination and evaporation.



Low



Normal



High

DM-5D

HEMATOLOGY CONTROL

Assay values and ranges provided by DYMIND

CONTROL

LOT BC0721

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Instrument	Parameter	Unit	Low	Normal	High
DYMIND DF50 Vet (Technical File Version A8.0 or higher)	WBC	×10 ⁹ /L	3.35 ±0.50	7.88 ±1.00	18.13 ±2.50
	Neu%	%	49.0 ±9.0	56.1 ±8.0	62.6 ±7.0
	Lym%	%	39.5 ±9.0	30.3 ±8.0	20.0 ±6.0
	Mon%	%	4.8 ±4.0	4.7 ±4.7	5.5 ±5.5
	Eos%	%	6.7 ±5.0	8.9 ±6.0	11.9 ±7.0
	Bas%	%	1.3 ±1.3	0.9 ±0.9	1.5 ±1.5
	Neu#	×10 ⁹ /L	1.64 ±0.40	4.42 ±0.70	11.35 ±1.40
	Lym#	×10 ⁹ /L	1.32 ±0.40	2.39 ±0.70	3.63 ±1.10
	Mon#	×10 ⁹ /L	0.16 ±0.14	0.37 ±0.37	1.00 ±1.00
	Eos#	×10 ⁹ /L	0.22 ±0.15	0.70 ±0.50	2.16 ±1.30
	Bas#	×10 ⁹ /L	0.04 ±0.04	0.07 ±0.07	0.27 ±0.27
	RBC	×10 ¹² /L	2.41 ±0.18	4.77 ±0.24	5.34 ±0.50
	HGB	g/L	60 ±4	134 ±6	172 ±8
	HCT	%	18.6 ±2.0	41.1 ±3.0	51.8 ±4.0
	MCV	fL	77.2 ±5.0	86.3 ±5.0	97.0 ±6.0
	MCH	pg	24.8 ±2.5	28.1 ±2.5	32.1 ±2.5
	MCHC	g/L	322 ±30	326 ±30	331 ±30
	RDW-CV	%	14.9 ±3.0	13.0 ±3.0	11.7 ±3.0
	RDW-SD	fL	50.2 ±10.0	47.9 ±10.0	48.3 ±12.0
	PLT	×10 ⁹ /L	56 ±20	275 ±40	486 ±60
MPV	fL	9.7 ±3.0	9.9 ±3.0	9.8 ±3.0	
PDW	fL	13.9 ±3.0	14.3 ±3.0	14.1 ±3.0	
PCT	%	0.055 ±0.050	0.272 ±0.100	0.477 ±0.200	

【NOTE】

1. The controls should be stored in refrigerator (2°C~8°C). After opening, it will keep stable for 14 days when it is stored airtight at 2°C~8°C.
2. Before mixing and running the control after take it out from the refrigerator, please keep it at least 15 minutes until reaching room temperature(15°C~30°C).
3. Controls must be well mixed before using. Please mix gently, to avoid cells rupture and/or generating bubbles.
4. After using, put the controls back into the refrigerator to prevent contamination and evaporation.



Low



Normal



High

DM-5D

HEMATOLOGY CONTROL

Assay values and ranges provided by DYMIND

CONTROL

LOT BC0721

2021-06-13

2021-09-10

Instrument	Parameter	Unit	Low		Normal		High	
DYMIND DF50 Vet, DF55 Vet, DF56 Vet, (Technical File Version B1.0 or higher)	WBC	×10 ⁹ /L	3.42	±0.50	7.91	±1.00	18.15	±2.50
	Neu%	%	49.2	±9.0	55.7	±8.0	62.2	±7.0
	Lym%	%	39.2	±9.0	30.6	±8.0	20.1	±6.0
	Mon%	%	5.1	±4.0	4.9	±4.9	5.5	±5.5
	Eos%	%	6.5	±5.0	8.8	±6.0	12.2	±7.0
	Bas%	%	1.5	±1.5	0.9	±0.9	1.0	±1.0
	Neu#	×10 ⁹ /L	1.68	±0.40	4.40	±0.70	11.29	±1.40
	Lym#	×10 ⁹ /L	1.34	±0.40	2.42	±0.70	3.65	±1.10
	Mon#	×10 ⁹ /L	0.17	±0.14	0.39	±0.39	1.00	±1.00
	Eos#	×10 ⁹ /L	0.22	±0.15	0.70	±0.50	2.21	±1.30
	Bas#	×10 ⁹ /L	0.05	±0.05	0.07	±0.07	0.18	±0.18
	RBC	×10 ¹² /L	2.47	±0.18	4.81	±0.24	5.39	±0.50
	HGB	g/L	59	±4	134	±6	174	±8
	HCT	%	19.1	±2.0	41.3	±3.0	52.0	±4.0
	MCV	fL	77.3	±5.0	85.9	±5.0	96.5	±6.0
	MCH	pg	24.1	±2.5	27.9	±2.5	32.2	±2.5
	MCHC	g/L	311	±30	325	±30	334	±30
	RDW-CV	%	14.8	±3.0	12.9	±3.0	11.6	±3.0
	RDW-SD	fL	46.7	±10.0	44.3	±10.0	44.7	±12.0
	PLT	×10 ⁹ /L	58	±20	275	±40	487	±60
MPV	fL	9.5	±3.0	9.4	±3.0	9.4	±3.0	
PDW	fL	12.8	±3.0	13.3	±3.0	13.0	±3.0	
PCT	%	0.055	±0.050	0.259	±0.100	0.456	±0.200	

【NOTE】

1. The controls should be stored in refrigerator (2°C~8°C). After opening, it will keep stable for 14 days when it is stored airtight at 2°C~8°C.
2. Before mixing and running the control after take it out from the refrigerator, please keep it at least 15 minutes until reaching room temperature(15°C~30°C).
3. Controls must be well mixed before using. Please mix gently, to avoid cells rupture and/or generating bubbles.
4. After using, put the controls back into the refrigerator to prevent contamination and evaporation.



Low



Normal



High

DM-5D

HEMATOLOGY CONTROL

Assay values and ranges provided by DYMIND

CONTROL

LOT BC0721

2021-06-13

2021-09-10

Instrument	Parameter	Unit	Low		Normal		High	
DYMIND DF1-CRP, DF3-CRP, DF5-CRP, DF50CRP, DF52CRP, DF53CRP, (Technical File Version A4.0 to A5.7)	WBC	×10 ⁹ /L	3.39	±0.50	7.85	±1.00	18.14	±2.50
	Neu%	%	49.7	±9.0	56.2	±8.0	62.9	±7.0
	Lym%	%	38.6	±9.0	30.0	±8.0	19.9	±6.0
	Mon%	%	5.1	±4.0	4.8	±4.8	5.5	±5.5
	Eos%	%	6.6	±5.0	9.0	±6.0	11.7	±7.0
	Bas%	%	1.8	±1.8	1.4	±1.4	3.9	±3.9
	Neu#	×10 ⁹ /L	1.69	±0.40	4.41	±0.70	11.41	±1.40
	Lym#	×10 ⁹ /L	1.31	±0.40	2.35	±0.70	3.61	±1.10
	Mon#	×10 ⁹ /L	0.17	±0.14	0.38	±0.38	1.00	±1.00
	Eos#	×10 ⁹ /L	0.22	±0.15	0.71	±0.50	2.12	±1.30
	Bas#	×10 ⁹ /L	0.06	±0.06	0.11	±0.11	0.71	±0.71
	RBC	×10 ¹² /L	2.41	±0.18	4.72	±0.24	5.31	±0.50
	HGB	g/L	60	±4	132	±6	169	±8
	HCT	%	18.9	±2.0	40.9	±3.0	51.5	±4.0
	MCV	fL	78.3	±5.0	86.7	±5.0	97.1	±6.0
	MCH	pg	24.8	±2.5	27.9	±2.5	31.9	±2.5
	MCHC	g/L	317	±30	322	±30	329	±30
	RDW-CV	%	16.0	±3.0	14.0	±3.0	12.6	±3.0
	RDW-SD	fL	52.9	±10.0	50.5	±10.0	50.9	±12.0
	PLT	×10 ⁹ /L	49	±20	268	±40	475	±60
	MPV	fL	9.4	±3.0	9.4	±3.0	9.5	±3.0
	PDW	fL	12.7	±3.0	13.4	±3.0	13.2	±3.0
	PCT	%	0.046	±0.046	0.250	±0.100	0.446	±0.200
P-LCR	%	26.2	±8.0	32.9	±8.0	33.1	±8.0	
P-LCC	×10 ⁹ /L	13	±13	87	±25	156	±35	

【NOTE】

1. The controls should be stored in refrigerator (2°C~8°C). After opening, it will keep stable for 14 days when it is stored airtight at 2°C~8°C.
2. Before mixing and running the control after take it out from the refrigerator, please keep it at least 15 minutes until reaching room temperature(15°C~30°C).
3. Controls must be well mixed before using. Please mix gently, to avoid cells rupture and/or generating bubbles.
4. After using, put the controls back into the refrigerator to prevent contamination and evaporation.

DM-5D

HEMATOLOGY CONTROL

Assay values and ranges provided by DYMIND

CONTROL

LOT BC0721

2021-06-13

2021-09-10

Instrument	Parameter	Unit	Low	Normal	High
DYMIND DF1-CRP, DF3-CRP, DF5-CRP, DF50CRP, DF52CRP, DF53CRP, (Technical File Version A6.0)	WBC	×10 ⁹ /L	3.47 ±0.50	8.23 ±1.00	18.97 ±2.50
	Neu%	%	49.5 ±9.0	56.5 ±8.0	62.7 ±7.0
	Lym%	%	39.0 ±9.0	29.9 ±8.0	20.0 ±6.0
	Mon%	%	5.5 ±4.0	5.2 ±5.0	5.7 ±5.7
	Eos%	%	6.0 ±5.0	8.4 ±6.0	11.6 ±7.0
	Bas%	%	1.0 ±1.0	0.6 ±0.6	0.7 ±0.7
	Neu#	×10 ⁹ /L	1.72 ±0.40	4.65 ±0.70	11.89 ±1.40
	Lym#	×10 ⁹ /L	1.35 ±0.40	2.46 ±0.70	3.79 ±1.10
	Mon#	×10 ⁹ /L	0.19 ±0.14	0.43 ±0.43	1.08 ±1.08
	Eos#	×10 ⁹ /L	0.21 ±0.15	0.69 ±0.50	2.20 ±1.30
	Bas#	×10 ⁹ /L	0.03 ±0.03	0.05 ±0.05	0.13 ±0.13
	RBC	×10 ¹² /L	2.41 ±0.18	4.73 ±0.24	5.29 ±0.50
	HGB	g/L	60 ±4	132 ±6	170 ±8
	HCT	%	18.5 ±2.0	39.4 ±3.0	49.0 ±4.0
	MCV	fL	76.6 ±5.0	83.2 ±5.0	92.7 ±6.0
	MCH	pg	24.8 ±2.5	28.0 ±2.5	32.2 ±2.5
	MCHC	g/L	323 ±30	336 ±30	348 ±30
	RDW-CV	%	16.2 ±3.0	14.1 ±3.0	12.8 ±3.0
	RDW-SD	fL	53.3 ±10.0	51.0 ±10.0	51.6 ±12.0
	PLT	×10 ⁹ /L	54 ±20	273 ±40	495 ±60
MPV	fL	9.3 ±3.0	9.4 ±3.0	9.5 ±3.0	
PDW	fL	12.4 ±3.0	13.0 ±3.0	12.8 ±3.0	
PCT	%	0.050 ±0.050	0.257 ±0.100	0.472 ±0.200	
P-LCR	%	29.7 ±8.0	33.4 ±8.0	33.3 ±8.0	
P-LCC	×10 ⁹ /L	16 ±15	91 ±25	165 ±35	

【NOTE】

1. The controls should be stored in refrigerator (2°C~8°C). After opening, it will keep stable for 14 days when it is stored airtight at 2°C~8°C.
2. Before mixing and running the control after take it out from the refrigerator, please keep it at least 15 minutes until reaching room temperature(15°C~30°C).
3. Controls must be well mixed before using. Please mix gently, to avoid cells rupture and/or generating bubbles.
4. After using, put the controls back into the refrigerator to prevent contamination and evaporation.



Low



Normal



High

DM-5D

HEMATOLOGY CONTROL

Assay values and ranges provided by DYMIND

CONTROL

LOT BC0721

2021-06-13

2021-09-10

Instrument	Parameter	Unit	Low	Normal	High
DYMIND DF1-CRP, DF3-CRP, DF5-CRP, DF50CRP, DF52CRP, DF53CRP, (Technical File Version A6.1 or higher) Single channel	WBC	×10 ⁹ /L	3.52 ±0.50	8.24 ±1.00	19.12 ±2.50
	Neu%	%	49.7 ±9.0	56.6 ±8.0	62.2 ±7.0
	Lym%	%	39.2 ±9.0	30.4 ±8.0	20.5 ±6.0
	Mon%	%	5.4 ±4.0	5.0 ±5.0	5.8 ±5.8
	Eos%	%	5.7 ±5.0	8.0 ±6.0	11.5 ±7.0
	Bas%	%	0.9 ±0.9	0.5 ±0.5	0.6 ±0.6
	Neu#	×10 ⁹ /L	1.75 ±0.40	4.66 ±0.70	11.89 ±1.40
	Lym#	×10 ⁹ /L	1.38 ±0.40	2.51 ±0.70	3.92 ±1.10
	Mon#	×10 ⁹ /L	0.19 ±0.14	0.41 ±0.41	1.11 ±1.10
	Eos#	×10 ⁹ /L	0.20 ±0.15	0.66 ±0.50	2.20 ±1.30
	Bas#	×10 ⁹ /L	0.03 ±0.03	0.04 ±0.04	0.11 ±0.11
	RBC	×10 ¹² /L	2.42 ±0.18	4.72 ±0.24	5.30 ±0.50
	HGB	g/L	60 ±4	133 ±6	169 ±8
	HCT	%	18.7 ±2.0	39.8 ±3.0	49.6 ±4.0
	MCV	fL	77.5 ±5.0	84.2 ±5.0	93.7 ±6.0
	MCH	pg	24.9 ±2.5	28.1 ±2.5	32.0 ±2.5
	MCHC	g/L	321 ±30	333 ±30	342 ±30
	RDW-CV	%	15.7 ±3.0	13.7 ±3.0	12.3 ±3.0
	RDW-SD	fL	52.6 ±10.0	49.9 ±10.0	50.2 ±12.0
	PLT	×10 ⁹ /L	47 ±20	277 ±40	534 ±60
	MPV	fL	9.6 ±3.0	9.3 ±3.0	9.4 ±3.0
PDW	fL	12.0 ±3.0	12.4 ±3.0	12.4 ±3.0	
PCT	%	0.046 ±0.046	0.261 ±0.100	0.506 ±0.200	
P-LCR	%	32.1 ±8.0	32.1 ±8.0	32.0 ±8.0	
P-LCC	×10 ⁹ /L	15 ±15	90 ±25	172 ±35	

【NOTE】

1. The controls should be stored in refrigerator (2°C~8°C). After opening, it will keep stable for 14 days when it is stored airtight at 2°C~8°C.
2. Before mixing and running the control after take it out from the refrigerator, please keep it at least 15 minutes until reaching room temperature(15°C~30°C).
3. Controls must be well mixed before using. Please mix gently, to avoid cells rupture and/or generating bubbles.
4. After using, put the controls back into the refrigerator to prevent contamination and evaporation.



Low



Normal



High

DM-5D

HEMATOLOGY CONTROL

Assay values and ranges provided by DYMIND

CONTROL

LOT BC0721

2021-06-13

2021-09-10

Instrument	Parameter	Unit	Low	Normal	High
DYMIND DF1-CRP, DF3-CRP, DF5-CRP, DF50CRP, DF52CRP, DF53CRP, (Technical File Version A6.1 or higher) Two channel	WBC	×10 ⁹ /L	3.47 ±0.50	8.15 ±1.00	19.00 ±2.50
	Neu%	%	49.0 ±9.0	55.9 ±8.0	62.1 ±7.0
	Lym%	%	39.4 ±9.0	30.7 ±8.0	20.6 ±6.0
	Mon%	%	5.5 ±4.0	5.1 ±5.0	6.0 ±6.0
	Eos%	%	6.1 ±5.0	8.3 ±6.0	11.3 ±7.0
	Bas%	%	1.1 ±1.1	0.6 ±0.6	0.7 ±0.7
	Neu#	×10 ⁹ /L	1.70 ±0.40	4.56 ±0.70	11.80 ±1.40
	Lym#	×10 ⁹ /L	1.37 ±0.40	2.50 ±0.70	3.91 ±1.10
	Mon#	×10 ⁹ /L	0.19 ±0.14	0.42 ±0.42	1.14 ±1.10
	Eos#	×10 ⁹ /L	0.21 ±0.15	0.68 ±0.50	2.15 ±1.30
	Bas#	×10 ⁹ /L	0.04 ±0.04	0.05 ±0.05	0.13 ±0.13
	RBC	×10 ¹² /L	2.41 ±0.18	4.71 ±0.24	5.28 ±0.50
	HGB	g/L	60 ±4	133 ±6	172 ±8
	HCT	%	18.5 ±2.0	39.3 ±3.0	49.0 ±4.0
	MCV	fL	76.8 ±5.0	83.5 ±5.0	92.8 ±6.0
	MCH	pg	24.9 ±2.5	28.3 ±2.5	32.6 ±2.5
	MCHC	g/L	324 ±30	339 ±30	351 ±30
	RDW-CV	%	15.8 ±3.0	13.7 ±3.0	12.3 ±3.0
	RDW-SD	fL	52.2 ±10.0	49.6 ±10.0	49.8 ±12.0
	PLT	×10 ⁹ /L	48 ±20	283 ±40	540 ±60
	MPV	fL	9.6 ±3.0	9.4 ±3.0	9.5 ±3.0
PDW	fL	11.9 ±3.0	12.7 ±3.0	12.4 ±3.0	
PCT	%	0.046 ±0.046	0.266 ±0.100	0.510 ±0.200	
P-LCR	%	31.3 ±8.0	32.7 ±8.0	32.4 ±8.0	
P-LCC	×10 ⁹ /L	15 ±15	93 ±25	175 ±35	

【NOTE】

1. The controls should be stored in refrigerator (2°C~8°C). After opening, it will keep stable for 14 days when it is stored airtight at 2°C~8°C.
2. Before mixing and running the control after take it out from the refrigerator, please keep it at least 15 minutes until reaching room temperature(15°C~30°C).
3. Controls must be well mixed before using. Please mix gently, to avoid cells rupture and/or generating bubbles.
4. After using, put the controls back into the refrigerator to prevent contamination and evaporation.



Low



Normal



High

DM-5D

HEMATOLOGY CONTROL

Assay values and ranges provided by DYMIND

CONTROL

LOT BC0721

2021-06-13

2021-09-10

Instrument	Parameter	Unit	Low	Normal	High
DYMIND DM71X, DM72X, DM78X, DM79X, DM71, DM72, DM78, DM79, (Technical File Version A1.0 or higher)	WBC	×10 ⁹ /L	3.43 ±0.50	7.76 ±1.00	17.31 ±2.50
	Neu%	%	48.8 ±9.0	55.6 ±8.0	62.5 ±7.0
	Lym%	%	38.7 ±9.0	29.6 ±8.0	20.4 ±6.0
	Mon%	%	6.9 ±4.0	6.9 ±5.0	7.1 ±6.0
	Eos%	%	5.6 ±5.0	7.9 ±6.0	10.0 ±7.0
	Bas%	%	59.9 ±8.0	69.4 ±8.0	79.6 ±8.0
	Neu#	×10 ⁹ /L	1.67 ±0.40	4.31 ±0.70	10.82 ±1.40
	Lym#	×10 ⁹ /L	1.33 ±0.40	2.30 ±0.70	3.53 ±1.10
	Mon#	×10 ⁹ /L	0.24 ±0.14	0.54 ±0.50	1.23 ±1.10
	Eos#	×10 ⁹ /L	0.19 ±0.15	0.61 ±0.50	1.73 ±1.30
	Bas#	×10 ⁹ /L	2.05 ±0.30	5.38 ±0.70	13.78 ±1.50
	RBC	×10 ¹² /L	2.39 ±0.18	4.72 ±0.24	5.33 ±0.50
	HGB	g/L	62 ±4	134 ±6	167 ±8
	HCT	%	17.9 ±2.0	39.4 ±3.0	49.9 ±4.0
	MCV	fL	75.2 ±5.0	83.4 ±5.0	93.6 ±6.0
	MCH	pg	26.0 ±2.5	28.3 ±2.5	31.4 ±2.5
	MCHC	g/L	347 ±30	340 ±30	335 ±30
	RDW-CV	%	18.6 ±3.0	15.9 ±3.0	14.3 ±3.0
	RDW-SD	fL	52.4 ±10.0	49.2 ±10.0	49.5 ±12.0
	PLT	×10 ⁹ /L	50 ±20	276 ±40	534 ±60
	MPV	fL	11.3 ±3.0	11.2 ±3.0	11.0 ±3.0
	PDW	fL	15.2 ±3.0	14.8 ±3.0	14.5 ±3.0
PCT	%	0.056 ±0.050	0.304 ±0.100	0.577 ±0.200	
P-LCR	%	36.5 ±8.0	35.6 ±8.0	34.2 ±8.0	
P-LCC	×10 ⁹ /L	18 ±15	96 ±25	179 ±35	

【NOTE】

1. The controls should be stored in refrigerator (2°C~8°C). After opening, it will keep stable for 14 days when it is stored airtight at 2°C~8°C.
2. Before mixing and running the control after take it out from the refrigerator, please keep it at least 15 minutes until reaching room temperature(15°C~30°C).
3. Controls must be well mixed before using. Please mix gently, to avoid cells rupture and/or generating bubbles.
4. After using, put the controls back into the refrigerator to prevent contamination and evaporation.



Low



Normal



High