

# DM-5D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**

LOT BC0322

2022-02-10

2022-05-10

Applicable Instrument	Parameter	Unit	Low		Normal		High	
<b>DYMIND</b>  D1-CRP D3-CRP D5-CRP DH51CRP DH53CRP DH56CRP (Technical File Version A9.0 to A11.9)	<b>WBC</b>	×10 <sup>9</sup> /L	<b>3.32</b>	±0.50	<b>7.91</b>	±1.00	<b>18.09</b>	±2.50
	Neu%	%	48.7	±9.0	57.5	±8.0	66.5	±7.0
	Lym%	%	39.9	±9.0	30.3	±8.0	19.3	±6.0
	Mon%	%	6.9	±4.0	6.6	±5.0	6.8	±6.0
	Eos%	%	4.5	±4.5	5.6	±5.6	7.4	±7.0
	Bas%	%	61.8	±8.0	72.4	±8.0	81.2	±8.0
	Neu#	×10 <sup>9</sup> /L	1.62	±0.40	4.55	±0.70	12.03	±1.40
	Lym#	×10 <sup>9</sup> /L	1.32	±0.40	2.40	±0.70	3.49	±1.10
	Mon#	×10 <sup>9</sup> /L	0.23	±0.14	0.52	±0.50	1.23	±1.10
	Eos#	×10 <sup>9</sup> /L	0.15	±0.15	0.44	±0.44	1.34	±1.30
	Bas#	×10 <sup>9</sup> /L	2.05	±0.30	5.73	±0.70	14.69	±1.50
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.33</b>	±0.18	<b>4.49</b>	±0.24	<b>5.17</b>	±0.50
	<b>HGB</b>	g/L	<b>58</b>	±4	<b>128</b>	±6	<b>164</b>	±8
	HCT	%	18.7	±2.0	39.7	±3.0	50.3	±4.0
	<b>MCV</b>	fL	<b>80.3</b>	±5.0	<b>88.5</b>	±5.0	<b>97.2</b>	±6.0
	MCH	pg	25.0	±2.5	28.6	±2.5	31.8	±2.5
	MCHC	g/L	311	±30	323	±30	327	±30
	RDW-CV	%	17.5	±3.0	16.5	±3.0	15.8	±3.0
	RDW-SD	fL	49.8	±10.0	51.2	±10.0	54.0	±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>51</b>	±20	<b>257</b>	±40	<b>516</b>	±60
	MPV	fL	10.3	±3.0	10.9	±3.0	10.5	±3.0
	PDW	/	11.3	±3.0	13.7	±3.0	13.1	±3.0
	PCT	%	0.053	±0.050	0.281	±0.100	0.542	±0.200
P-LCR	%	27.4	±8.0	32.6	±8.0	30.0	±8.0	
P-LCC	×10 <sup>9</sup> /L	14	±14	84	±25	155	±35	
PDW	fL	11.3	±3.0	13.7	±3.0	13.1	±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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LOT BC0322

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2022-05-10

Applicable Instrument	Parameter	Unit	Low		Normal		High	
<b>DYMIND</b>  D1-CRP D3-CRP D5-CRP DH51CRP DH53CRP DH56CRP (Technical File Version A11.11)	<b>WBC</b>	×10 <sup>9</sup> /L	<b>3.50</b>	±0.50	<b>8.49</b>	±1.00	<b>19.55</b>	±2.50
	Neu%	%	48.0	±9.0	57.4	±8.0	64.6	±7.0
	Lym%	%	40.6	±9.0	30.4	±8.0	20.4	±6.0
	Mon%	%	6.2	±4.0	5.7	±5.0	6.3	±6.0
	Eos%	%	5.2	±5.0	6.5	±6.0	8.7	±7.0
	Bas%	%	62.0	±8.0	72.0	±8.0	81.2	±8.0
	Neu#	×10 <sup>9</sup> /L	1.68	±0.40	4.87	±0.70	12.63	±1.40
	Lym#	×10 <sup>9</sup> /L	1.42	±0.40	2.58	±0.70	3.99	±1.10
	Mon#	×10 <sup>9</sup> /L	0.22	±0.14	0.48	±0.48	1.23	±1.10
	Eos#	×10 <sup>9</sup> /L	0.18	±0.15	0.55	±0.50	1.70	±1.30
	Bas#	×10 <sup>9</sup> /L	2.17	±0.30	6.11	±0.70	15.87	±1.50
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.32</b>	±0.18	<b>4.53</b>	±0.24	<b>5.28</b>	±0.50
	<b>HGB</b>	g/L	<b>58</b>	±4	<b>129</b>	±6	<b>165</b>	±8
	HCT	%	18.0	±2.0	38.3	±3.0	48.9	±4.0
	<b>MCV</b>	fL	<b>77.7</b>	±5.0	<b>84.5</b>	±5.0	<b>92.6</b>	±6.0
	MCH	pg	25.0	±2.5	28.4	±2.5	31.2	±2.5
	MCHC	g/L	322	±30	336	±30	337	±30
	RDW-CV	%	17.2	±3.0	16.1	±3.0	15.6	±3.0
	RDW-SD	fL	49.7	±10.0	50.8	±10.0	53.9	±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>50</b>	±20	<b>257</b>	±40	<b>518</b>	±60
MPV	fL	10.6	±3.0	10.9	±3.0	10.5	±3.0	
PDW	/	11.2	±3.0	13.6	±3.0	12.8	±3.0	
PCT	%	0.053	±0.050	0.280	±0.100	0.544	±0.200	
P-LCR	%	27.9	±8.0	33.1	±8.0	29.7	±8.0	
P-LCC	×10 <sup>9</sup> /L	14	±14	85	±25	154	±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.

# DM-5D

## HEMATOLOGY CONTROL

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**CONTROL**

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2022-02-10

2022-05-10

Applicable Instrument	Parameter	Unit	Low		Normal		High	
<b>DYMIND</b>  D1-CRP D3-CRP D5-CRP DH51CRP DH53CRP DH56CRP (Technical File Version A11.12 or higher)	<b>WBC</b>	×10 <sup>9</sup> /L	<b>3.60</b>	±0.50	<b>8.80</b>	±1.00	<b>20.20</b>	±2.50
	Neu%	%	48.9	±9.0	57.3	±8.0	65.1	±7.0
	Lym%	%	39.7	±9.0	31.1	±8.0	20.7	±6.0
	Mon%	%	6.7	±4.0	6.5	±5.0	7.0	±6.0
	Eos%	%	4.7	±4.7	5.1	±5.1	7.2	±7.0
	Bas%	%	62.6	±8.0	72.2	±8.0	81.4	±8.0
	Neu#	×10 <sup>9</sup> /L	1.76	±0.40	5.04	±0.70	13.15	±1.40
	Lym#	×10 <sup>9</sup> /L	1.43	±0.40	2.74	±0.70	4.18	±1.10
	Mon#	×10 <sup>9</sup> /L	0.24	±0.14	0.57	±0.50	1.41	±1.10
	Eos#	×10 <sup>9</sup> /L	0.17	±0.15	0.45	±0.45	1.45	±1.30
	Bas#	×10 <sup>9</sup> /L	2.25	±0.30	6.35	±0.70	16.44	±1.50
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.32</b>	±0.18	<b>4.55</b>	±0.24	<b>5.30</b>	±0.50
	<b>HGB</b>	g/L	<b>58</b>	±4	<b>130</b>	±6	<b>166</b>	±8
	HCT	%	18.1	±2.0	38.5	±3.0	49.1	±4.0
	<b>MCV</b>	fL	<b>77.7</b>	±5.0	<b>84.6</b>	±5.0	<b>92.6</b>	±6.0
	MCH	pg	25.1	±2.5	28.4	±2.5	31.4	±2.5
	MCHC	g/L	323	±30	336	±30	338	±30
	RDW-CV	%	17.2	±3.0	16.1	±3.0	15.5	±3.0
	RDW-SD	fL	48.7	±10.0	49.8	±10.0	52.6	±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>50</b>	±20	<b>257</b>	±40	<b>523</b>	±60
MPV	fL	10.2	±3.0	10.7	±3.0	10.2	±3.0	
PDW	/	11.0	±3.0	13.4	±3.0	12.4	±3.0	
PCT	%	0.051	±0.050	0.275	±0.100	0.533	±0.200	
P-LCR	%	25.8	±8.0	31.5	±8.0	28.1	±8.0	
P-LCC	×10 <sup>9</sup> /L	13	±13	81	±25	147	±35	

**【NOTE】**

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

# DM-5D

## HEMATOLOGY CONTROL

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**CONTROL**

LOT BC0322

2022-02-10

2022-05-10

Applicable Instrument	Parameter	Unit	Low		Normal		High	
<b>DYMIND</b>  UN71 UN73 UN76 DH73 (Technical File Version A2.0 to A5.3)	<b>WBC</b>	×10 <sup>9</sup> /L	<b>3.55</b>	±0.50	<b>8.27</b>	±1.00	<b>19.21</b>	±2.50
	Neu%	%	48.7	±9.0	55.9	±8.0	64.5	±7.0
	Lym%	%	37.7	±9.0	29.8	±8.0	19.2	±6.0
	Mon%	%	7.7	±4.0	6.6	±5.0	7.3	±6.0
	Eos%	%	5.9	±5.0	7.7	±6.0	9.0	±7.0
	Bas%	%	0.1	±0.1	0.1	±0.1	0.1	±0.1
	Neu#	×10 <sup>9</sup> /L	1.73	±0.40	4.63	±0.70	12.39	±1.40
	Lym#	×10 <sup>9</sup> /L	1.34	±0.40	2.47	±0.70	3.69	±1.10
	Mon#	×10 <sup>9</sup> /L	0.27	±0.14	0.55	±0.50	1.40	±1.10
	Eos#	×10 <sup>9</sup> /L	0.21	±0.15	0.64	±0.50	1.73	±1.30
	Bas#	×10 <sup>9</sup> /L	0.01	±0.01	0.01	±0.01	0.02	±0.02
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.32</b>	±0.18	<b>4.57</b>	±0.24	<b>5.33</b>	±0.50
	<b>HGB</b>	g/L	<b>60</b>	±4	<b>130</b>	±6	<b>169</b>	±8
	HCT	%	18.9	±2.0	41.0	±3.0	52.4	±4.0
	<b>MCV</b>	fL	<b>81.5</b>	±5.0	<b>89.7</b>	±5.0	<b>98.2</b>	±6.0
	MCH	pg	25.8	±2.5	28.5	±2.5	31.7	±2.5
	MCHC	g/L	318	±30	318	±30	322	±30
	RDW-CV	%	17.3	±3.0	16.5	±3.0	15.9	±3.0
	RDW-SD	fL	50.3	±10.0	52.0	±10.0	54.8	±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>59</b>	±20	<b>258</b>	±40	<b>509</b>	±60
MPV	fL	10.2	±3.0	10.9	±3.0	10.5	±3.0	
PDW	/	10.1	±3.0	10.1	±3.0	10.1	±3.0	
PCT	%	0.060	±0.050	0.281	±0.100	0.534	±0.200	
P-LCR	%	29.0	±8.0	34.1	±8.0	30.7	±8.0	
P-LCC	×10 <sup>9</sup> /L	17	±15	88	±25	156	±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.

# DM-5D

## HEMATOLOGY CONTROL

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**CONTROL**

LOT BC0322

2022-02-10

2022-05-10

Applicable Instrument	Parameter	Unit	Low		Normal		High	
<b>DYMIND</b>  UN71 UN73 UN76 DH73  Technical File Version A5.5 to A6.2)	<b>WBC</b>	×10 <sup>9</sup> /L	<b>3.45</b>	±0.50	<b>8.11</b>	±1.00	<b>18.27</b>	±2.50
	Neu%	%	48.8	±9.0	56.8	±8.0	65.3	±7.0
	Lym%	%	39.9	±9.0	30.9	±8.0	20.7	±6.0
	Mon%	%	6.7	±4.0	6.3	±5.0	6.8	±6.0
	Eos%	%	4.0	±4.0	5.4	±5.4	6.4	±6.4
	Bas%	%	0.6	±0.6	0.6	±0.6	0.8	±0.8
	Neu#	×10 <sup>9</sup> /L	1.68	±0.40	4.60	±0.70	11.93	±1.40
	Lym#	×10 <sup>9</sup> /L	1.38	±0.40	2.50	±0.70	3.78	±1.10
	Mon#	×10 <sup>9</sup> /L	0.23	±0.14	0.51	±0.50	1.24	±1.10
	Eos#	×10 <sup>9</sup> /L	0.14	±0.14	0.44	±0.44	1.17	±1.17
	Bas#	×10 <sup>9</sup> /L	0.02	±0.02	0.05	±0.05	0.15	±0.15
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.29</b>	±0.18	<b>4.41</b>	±0.24	<b>5.01</b>	±0.50
	<b>HGB</b>	g/L	<b>59</b>	±4	<b>129</b>	±6	<b>165</b>	±8
	HCT	%	18.0	±2.0	38.0	±3.0	47.3	±4.0
	<b>MCV</b>	fL	<b>78.7</b>	±5.0	<b>86.2</b>	±5.0	<b>94.4</b>	±6.0
	MCH	pg	26.0	±2.5	29.3	±2.5	32.9	±2.5
	MCHC	g/L	330	±30	340	±30	349	±30
	RDW-CV	%	17.8	±3.0	16.9	±3.0	16.3	±3.0
	RDW-SD	fL	52.9	±10.0	54.5	±10.0	57.8	±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>56</b>	±20	<b>243</b>	±40	<b>476</b>	±60
MPV	fL	9.6	±3.0	10.6	±3.0	10.2	±3.0	
PDW	/	12.2	±3.0	13.1	±3.0	12.6	±3.0	
PCT	%	0.054	±0.050	0.258	±0.100	0.485	±0.200	
P-LCR	%	25.1	±8.0	30.9	±8.0	28.4	±8.0	
P-LCC	×10 <sup>9</sup> /L	14	±14	75	±25	135	±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


# DM-5D


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**CONTROL**

LOT BC0322

 2022-02-10

 2022-05-10

Applicable Instrument	Parameter	Unit	Low		Normal		High	
<b>DYMIND</b>  UN71 UN73 UN76 DH73 (Technical File Version A6.3 or higher)	<b>WBC</b>	×10 <sup>9</sup> /L	<b>3.47</b>	±0.50	<b>8.13</b>	±1.00	<b>18.84</b>	±2.50
	Neu%	%	48.3	±9.0	57.1	±8.0	65.1	±7.0
	Lym%	%	39.9	±9.0	30.6	±8.0	20.5	±6.0
	Mon%	%	6.2	±4.0	6.3	±5.0	6.7	±6.0
	Eos%	%	5.0	±5.0	5.3	±5.3	6.9	±6.9
	Bas%	%	0.6	±0.6	0.7	±0.7	0.8	±0.8
	Neu#	×10 <sup>9</sup> /L	1.68	±0.40	4.64	±0.70	12.27	±1.40
	Lym#	×10 <sup>9</sup> /L	1.38	±0.40	2.49	±0.70	3.86	±1.10
	Mon#	×10 <sup>9</sup> /L	0.22	±0.14	0.51	±0.50	1.26	±1.10
	Eos#	×10 <sup>9</sup> /L	0.17	±0.15	0.43	±0.43	1.30	±1.30
	Bas#	×10 <sup>9</sup> /L	0.02	±0.02	0.06	±0.06	0.15	±0.15
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.40</b>	±0.18	<b>4.63</b>	±0.24	<b>5.31</b>	±0.50
	<b>HGB</b>	g/L	<b>60</b>	±4	<b>131</b>	±6	<b>168</b>	±8
	HCT	%	18.7	±2.0	39.7	±3.0	50.0	±4.0
	<b>MCV</b>	fL	<b>78.0</b>	±5.0	<b>85.7</b>	±5.0	<b>94.2</b>	±6.0
	MCH	pg	24.9	±2.5	28.2	±2.5	31.6	±2.5
	MCHC	g/L	320	±30	329	±30	336	±30
	RDW-CV	%	17.2	±3.0	16.2	±3.0	15.6	±3.0
	RDW-SD	fL	50.5	±10.0	51.6	±10.0	54.4	±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>57</b>	±20	<b>253</b>	±40	<b>486</b>	±60
MPV	fL	9.8	±3.0	10.6	±3.0	10.2	±3.0	
PDW	/	12.3	±3.0	13.2	±3.0	12.6	±3.0	
PCT	%	0.056	±0.050	0.268	±0.100	0.495	±0.200	
P-LCR	%	26.3	±8.0	31.7	±8.0	28.4	±8.0	
P-LCC	×10 <sup>9</sup> /L	15	±15	80	±25	138	±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

# DM-5D

## HEMATOLOGY CONTROL

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**CONTROL**

LOT BC0322

2022-02-10

2022-05-10

Applicable Instrument	Parameter	Unit	Low		Normal		High	
<b>DYMIND</b>  DH73vet (Technical File Version B5.5 or higher)	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.37</b>	±0.18	<b>4.58</b>	±0.24	<b>5.29</b>	±0.50
	<b>HGB</b>	g/L	<b>59</b>	±4	<b>130</b>	±6	<b>168</b>	±8
	<b>HCT</b>	%	19.1	±2.0	40.9	±3.0	51.9	±4.0
	<b>MCV</b>	fL	<b>80.9</b>	±5.0	<b>89.2</b>	±5.0	<b>98.1</b>	±6.0
	<b>MCH</b>	pg	24.9	±2.5	28.3	±2.5	31.7	±2.5
	<b>MCHC</b>	g/L	309	±30	318	±30	323	±30
	<b>RDW-CV</b>	%	17.0	±3.0	16.1	±3.0	15.5	±3.0
	<b>RDW-SD</b>	fL	49.5	±10.0	50.7	±10.0	53.6	±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>59</b>	±20	<b>253</b>	±40	<b>495</b>	±60
	<b>MPV</b>	fL	9.9	±3.0	10.7	±3.0	10.2	±3.0
	<b>PDW</b>	/	12.6	±3.0	13.5	±3.0	12.7	±3.0
	<b>PCT</b>	%	0.058	±0.050	0.270	±0.100	0.505	±0.200
	<b>P-LCR</b>	%	27.2	±8.0	32.1	±8.0	28.9	±8.0
	<b>P-LCC</b>	×10 <sup>9</sup> /L	16	±15	81	±25	143	±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.

# DM-5D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**

LOT BC0322

2022-02-10

2022-05-10

Applicable Instrument	Parameter	Unit	Low		Normal		High	
<b>DYMIND</b>  DF50 DF51 DF52 DF53 DF55 DF56 (Technical File Version A10.0 to A11.1)  DF50 Vet DF52 Vet (Technical File Version A2.0 to A7.0)	<b>WBC</b>	×10 <sup>9</sup> /L	<b>3.54</b>	±0.50	<b>7.98</b>	±1.00	<b>18.65</b>	±2.50
	Neu%	%	49.0	±9.0	54.8	±8.0	63.8	±7.0
	Lym%	%	38.1	±9.0	29.5	±8.0	10.4	±6.0
	Mon%	%	5.0	±4.0	5.6	±5.0	13.3	±6.0
	Eos%	%	7.9	±5.0	10.1	±6.0	12.5	±7.0
	Bas%	%	3.5	±3.5	0.6	±0.6	1.7	±1.7
	Neu#	×10 <sup>9</sup> /L	1.74	±0.40	4.37	±0.70	11.90	±1.40
	Lym#	×10 <sup>9</sup> /L	1.35	±0.40	2.35	±0.70	1.94	±1.10
	Mon#	×10 <sup>9</sup> /L	0.18	±0.14	0.45	±0.45	2.48	±1.10
	Eos#	×10 <sup>9</sup> /L	0.28	±0.15	0.81	±0.50	2.33	±1.30
	Bas#	×10 <sup>9</sup> /L	0.12	±0.12	0.05	±0.05	0.32	±0.32
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.34</b>	±0.18	<b>4.59</b>	±0.24	<b>5.33</b>	±0.50
	<b>HGB</b>	g/L	<b>59</b>	±4	<b>129</b>	±6	<b>168</b>	±8
	HCT	%	18.3	±2.0	40.0	±3.0	51.1	±4.0
	<b>MCV</b>	fL	<b>77.8</b>	±5.0	<b>86.7</b>	±5.0	<b>95.4</b>	±6.0
	MCH	pg	25.3	±2.5	28.2	±2.5	31.5	±2.5
	MCHC	g/L	325	±30	323	±30	329	±30
	RDW-CV	%	14.9	±3.0	14.3	±3.0	14.1	±3.0
	RDW-SD	fL	49.2	±10.0	51.5	±10.0	55.4	±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>65</b>	±20	<b>261</b>	±40	<b>492</b>	±60
MPV	fL	9.8	±3.0	10.6	±3.0	10.4	±3.0	
PDW	/	14.6	±3.0	15.8	±3.0	15.9	±3.0	
PCT	%	0.064	±0.050	0.277	±0.100	0.512	±0.200	
P-LCR	%	33.7	±8.0	42.5	±8.0	40.0	±8.0	
P-LCC	×10 <sup>9</sup> /L	22	±15	111	±25	197	±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 use on DF50,DF51,DF53, DF50 Vet and DF52 Vet model.

# DM-5D

## HEMATOLOGY CONTROL

### Reference Values provided by DYMIND

<b>CONTROL</b>
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LOT BC0322
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2022-02-10
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2022-05-10
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Applicable Instrument	Parameter	Unit	Low		Normal		High	
<b>DYMIND</b>  DF50 DF51 DF52 DF53 DF55 DF56 (Technical File Version A11.2 to A11.6)	<b>WBC</b>	×10 <sup>9</sup> /L	<b>3.53</b>	±0.50	<b>8.02</b>	±1.00	<b>18.69</b>	±2.50
	Neu%	%	49.2	±9.0	54.4	±8.0	63.5	±7.0
	Lym%	%	38.8	±9.0	30.6	±8.0	10.9	±6.0
	Mon%	%	4.4	±4.0	4.8	±4.8	12.9	±6.0
	Eos%	%	7.6	±5.0	10.2	±6.0	12.7	±7.0
	Bas%	%	3.8	±3.8	0.8	±0.8	1.9	±1.9
	Neu#	×10 <sup>9</sup> /L	1.74	±0.40	4.36	±0.70	11.87	±1.40
	Lym#	×10 <sup>9</sup> /L	1.37	±0.40	2.45	±0.70	2.04	±1.10
	Mon#	×10 <sup>9</sup> /L	0.16	±0.14	0.38	±0.38	2.41	±1.10
	Eos#	×10 <sup>9</sup> /L	0.27	±0.15	0.82	±0.50	2.37	±1.30
	Bas#	×10 <sup>9</sup> /L	0.13	±0.13	0.06	±0.06	0.36	±0.36
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.39</b>	±0.18	<b>4.68</b>	±0.24	<b>5.37</b>	±0.50
	<b>HGB</b>	g/L	<b>59</b>	±4	<b>130</b>	±6	<b>168</b>	±8
	HCT	%	18.9	±2.0	40.6	±3.0	51.0	±4.0
	<b>MCV</b>	fL	<b>79.0</b>	±5.0	<b>86.8</b>	±5.0	<b>94.9</b>	±6.0
	MCH	pg	24.7	±2.5	27.9	±2.5	31.3	±2.5
	MCHC	g/L	312	±30	321	±30	329	±30
	RDW-CV	%	14.3	±3.0	13.6	±3.0	13.3	±3.0
	RDW-SD	fL	47.9	±10.0	49.5	±10.0	52.6	±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>63</b>	±20	<b>258</b>	±40	<b>490</b>	±60
MPV	fL	10.2	±3.0	11.0	±3.0	10.8	±3.0	
PDW	/	12.8	±3.0	15.6	±3.0	14.6	±3.0	
PCT	%	0.064	±0.050	0.284	±0.100	0.529	±0.200	
P-LCR	%	36.7	±8.0	45.7	±8.0	43.1	±8.0	
P-LCC	×10 <sup>9</sup> /L	23	±15	118	±25	211	±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 use on DF50,DF51 and DF53 model.


# DM-5D


## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**

LOT BC0322

 2022-02-10

 2022-05-10

Applicable Instrument	Parameter	Unit	Low		Normal		High	
<b>DYMIND</b>  DF50 DF51 DF52 DF53 DF55 DF56  (Technical File Version A12.0 or higher)	<b>WBC</b>	×10 <sup>9</sup> /L	<b>3.55</b>	±0.50	<b>8.08</b>	±1.00	<b>18.91</b>	±2.50
	Neu%	%	49.0	±9.0	55.1	±8.0	62.3	±7.0
	Lym%	%	39.1	±9.0	29.9	±8.0	20.1	±6.0
	Mon%	%	4.3	±4.0	5.2	±5.0	5.0	±5.0
	Eos%	%	7.6	±5.0	9.8	±6.0	12.6	±7.0
	Bas%	%	3.1	±3.1	0.6	±0.6	1.7	±1.7
	Neu#	×10 <sup>9</sup> /L	1.74	±0.40	4.45	±0.70	11.78	±1.40
	Lym#	×10 <sup>9</sup> /L	1.39	±0.40	2.42	±0.70	3.80	±1.10
	Mon#	×10 <sup>9</sup> /L	0.15	±0.14	0.42	±0.42	0.95	±0.95
	Eos#	×10 <sup>9</sup> /L	0.27	±0.15	0.79	±0.50	2.38	±1.30
	Bas#	×10 <sup>9</sup> /L	0.11	±0.11	0.05	±0.05	0.32	±0.32
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.35</b>	±0.18	<b>4.60</b>	±0.24	<b>5.30</b>	±0.50
	<b>HGB</b>	g/L	<b>59</b>	±4	<b>129</b>	±6	<b>168</b>	±8
	HCT	%	18.7	±2.0	39.3	±3.0	49.2	±4.0
	<b>MCV</b>	fL	<b>79.5</b>	±5.0	<b>85.4</b>	±5.0	<b>92.7</b>	±6.0
	MCH	pg	24.9	±2.5	28.0	±2.5	31.6	±2.5
	MCHC	g/L	313	±30	328	±30	341	±30
	RDW-CV	%	14.9	±3.0	14.2	±3.0	13.9	±3.0
	RDW-SD	fL	50.3	±10.0	52.3	±10.0	55.7	±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>61</b>	±20	<b>247</b>	±40	<b>469</b>	±60
MPV	fL	9.6	±3.0	10.5	±3.0	10.2	±3.0	
PDW	/	12.5	±3.0	14.5	±3.0	14.0	±3.0	
PCT	%	0.059	±0.050	0.260	±0.100	0.478	±0.200	
P-LCR	%	32.8	±8.0	41.3	±8.0	39.0	±8.0	
P-LCC	×10 <sup>9</sup> /L	20	±15	102	±25	183	±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 use on DF50,DF51 and DF53 model.



Low



Normal



High

# DM-5D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**

LOT BC0322

2022-02-10

2022-05-10

Applicable Instrument	Parameter	Unit	Low		Normal		High	
<b>DYMIND</b>  DF50 DF51 DF52 DF53 DF55 DF56 (Technical File Version B1.0 or higher)	<b>WBC</b>	×10 <sup>9</sup> /L	<b>3.54</b>	±0.50	<b>7.89</b>	±1.00	<b>18.47</b>	±2.50
	Neu%	%	49.7	±9.0	55.3	±8.0	62.8	±7.0
	Lym%	%	38.0	±9.0	30.4	±8.0	19.5	±6.0
	Mon%	%	4.9	±4.0	4.7	±4.7	5.1	±5.1
	Eos%	%	7.4	±5.0	9.6	±6.0	12.6	±7.0
	Bas%	%	3.8	±3.8	0.7	±0.7	1.8	±1.8
	Neu#	×10 <sup>9</sup> /L	1.76	±0.40	4.37	±0.70	11.60	±1.40
	Lym#	×10 <sup>9</sup> /L	1.35	±0.40	2.40	±0.70	3.60	±1.10
	Mon#	×10 <sup>9</sup> /L	0.17	±0.14	0.37	±0.37	0.94	±0.94
	Eos#	×10 <sup>9</sup> /L	0.26	±0.15	0.76	±0.50	2.33	±1.30
	Bas#	×10 <sup>9</sup> /L	0.13	±0.13	0.06	±0.06	0.33	±0.33
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.34</b>	±0.18	<b>4.55</b>	±0.24	<b>5.23</b>	±0.50
	<b>HGB</b>	g/L	<b>59</b>	±4	<b>130</b>	±6	<b>169</b>	±8
	HCT	%	18.3	±2.0	38.4	±3.0	48.0	±4.0
	<b>MCV</b>	fL	<b>78.2</b>	±5.0	<b>84.4</b>	±5.0	<b>91.9</b>	±6.0
	MCH	pg	25.1	±2.5	28.5	±2.5	32.2	±2.5
	MCHC	g/L	321	±30	338	±30	351	±30
	RDW-CV	%	14.6	±3.0	13.9	±3.0	13.5	±3.0
	RDW-SD	fL	48.3	±10.0	50.0	±10.0	53.0	±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>65</b>	±20	<b>267</b>	±40	<b>493</b>	±60
MPV	fL	9.5	±3.0	10.2	±3.0	9.9	±3.0	
PDW	/	12.3	±3.0	15.4	±3.0	14.7	±3.0	
PCT	%	0.061	±0.050	0.272	±0.100	0.488	±0.200	
P-LCR	%	30.9	±8.0	39.0	±8.0	36.5	±8.0	
P-LCC	×10 <sup>9</sup> /L	20	±15	104	±25	180	±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 use on DF50,DF51 and DF53 model.



Low



Normal



High

# DM-5D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**

LOT BC0322

2022-02-10

2022-05-10

Applicable Instrument	Parameter	Unit	Low		Normal		High	
<b>DYMIND</b>  DH71 DH76 (Technical File Version A4.1 to A10.3)  DH51 DH53 DH56 (Technical File Version A8.1 or higher)	<b>WBC</b>	×10 <sup>9</sup> /L	<b>3.43</b>	±0.50	<b>7.95</b>	±1.00	<b>17.96</b>	±2.50
	Neu%	%	50.1	±9.0	57.3	±8.0	66.7	±7.0
	Lym%	%	37.1	±9.0	30.0	±8.0	19.2	±6.0
	Mon%	%	7.4	±4.0	7.0	±5.0	7.4	±6.0
	Eos%	%	5.4	±5.0	5.7	±5.7	6.7	±6.7
	Bas%	%	61.5	±8.0	71.7	±8.0	80.7	±8.0
	Neu#	×10 <sup>9</sup> /L	1.72	±0.40	4.56	±0.70	11.98	±1.40
	Lym#	×10 <sup>9</sup> /L	1.27	±0.40	2.39	±0.70	3.45	±1.10
	Mon#	×10 <sup>9</sup> /L	0.25	±0.14	0.56	±0.50	1.33	±1.10
	Eos#	×10 <sup>9</sup> /L	0.19	±0.15	0.45	±0.45	1.20	±1.20
	Bas#	×10 <sup>9</sup> /L	2.11	±0.30	5.70	±0.70	14.49	±1.50
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.35</b>	±0.18	<b>4.59</b>	±0.24	<b>5.37</b>	±0.50
	<b>HGB</b>	g/L	<b>58</b>	±4	<b>130</b>	±6	<b>167</b>	±8
	HCT	%	19.4	±2.0	41.9	±3.0	53.8	±4.0
	<b>MCV</b>	fL	<b>82.6</b>	±5.0	<b>91.2</b>	±5.0	<b>100.1</b>	±6.0
	MCH	pg	24.8	±2.5	28.2	±2.5	31.0	±2.5
	MCHC	g/L	300	±30	309	±30	309	±30
	RDW-CV	%	17.2	±3.0	16.1	±3.0	15.6	±3.0
	RDW-SD	fL	50.4	±10.0	51.3	±10.0	54.4	±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>59</b>	±20	<b>263</b>	±40	<b>525</b>	±60
MPV	fL	10.2	±3.0	11.0	±3.0	10.6	±3.0	
PDW	/	10.1	±3.0	10.0	±3.0	10.0	±3.0	
PCT	%	0.060	±0.050	0.289	±0.100	0.556	±0.200	
P-LCR	%	29.0	±8.0	33.5	±8.0	31.1	±8.0	
P-LCC	×10 <sup>9</sup> /L	17	±15	88	±25	163	±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.

# DM-5D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**

LOT BC0322

2022-02-10

2022-05-10

Applicable Instrument	Parameter	Unit	Low		Normal		High	
<b>DYMIND</b>  DH71 DH76 (Technical File Version A10.4)	<b>WBC</b>	×10 <sup>9</sup> /L	<b>3.18</b>	±0.50	<b>7.39</b>	±1.00	<b>16.34</b>	±2.50
	Neu%	%	48.4	±9.0	57.1	±8.0	65.0	±7.0
	Lym%	%	39.7	±9.0	31.0	±8.0	20.4	±6.0
	Mon%	%	6.7	±4.0	6.5	±5.0	7.0	±6.0
	Eos%	%	5.2	±5.0	5.4	±5.4	7.6	±7.0
	Bas%	%	59.8	±8.0	70.1	±8.0	79.6	±8.0
	Neu#	×10 <sup>9</sup> /L	1.54	±0.40	4.22	±0.70	10.62	±1.40
	Lym#	×10 <sup>9</sup> /L	1.26	±0.40	2.29	±0.70	3.33	±1.10
	Mon#	×10 <sup>9</sup> /L	0.21	±0.14	0.48	±0.48	1.14	±1.10
	Eos#	×10 <sup>9</sup> /L	0.17	±0.15	0.40	±0.40	1.24	±1.24
	Bas#	×10 <sup>9</sup> /L	1.90	±0.30	5.18	±0.70	13.01	±1.50
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.37</b>	±0.18	<b>4.66</b>	±0.24	<b>5.38</b>	±0.50
	<b>HGB</b>	g/L	<b>58</b>	±4	<b>130</b>	±6	<b>167</b>	±8
	HCT	%	18.6	±2.0	39.9	±3.0	50.5	±4.0
	<b>MCV</b>	fL	<b>78.4</b>	±5.0	<b>85.6</b>	±5.0	<b>93.9</b>	±6.0
	MCH	pg	24.6	±2.5	27.8	±2.5	31.0	±2.5
	MCHC	g/L	313	±30	325	±30	330	±30
	RDW-CV	%	17.3	±3.0	16.2	±3.0	15.6	±3.0
	RDW-SD	fL	49.8	±10.0	50.7	±10.0	53.8	±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>51</b>	±20	<b>255</b>	±40	<b>514</b>	±60
MPV	fL	10.5	±3.0	10.9	±3.0	10.5	±3.0	
PDW	/	11.6	±3.0	14.1	±3.0	13.2	±3.0	
PCT	%	0.053	±0.050	0.278	±0.100	0.540	±0.200	
P-LCR	%	29.6	±8.0	34.2	±8.0	31.5	±8.0	
P-LCC	×10 <sup>9</sup> /L	15	±15	87	±25	162	±35	

**【NOTE】**

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

# DM-5D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**

LOT BC0322

2022-02-10

2022-05-10

Applicable Instrument	Parameter	Unit	Low		Normal		High	
<b>DYMIND</b>  DH71 DH76 (Technical File Version A10.5 or higher)	<b>WBC</b>	×10 <sup>9</sup> /L	<b>3.42</b>	±0.50	<b>8.15</b>	±1.00	<b>18.64</b>	±2.50
	Neu%	%	48.4	±9.0	57.4	±8.0	64.8	±7.0
	Lym%	%	39.8	±9.0	30.8	±8.0	20.6	±6.0
	Mon%	%	6.5	±4.0	6.5	±5.0	7.0	±6.0
	Eos%	%	5.3	±5.0	5.3	±5.3	7.6	±7.0
	Bas%	%	63.0	±8.0	72.9	±8.0	82.4	±8.0
	Neu#	×10 <sup>9</sup> /L	1.66	±0.40	4.68	±0.70	12.08	±1.40
	Lym#	×10 <sup>9</sup> /L	1.36	±0.40	2.51	±0.70	3.84	±1.10
	Mon#	×10 <sup>9</sup> /L	0.22	±0.14	0.53	±0.50	1.30	±1.10
	Eos#	×10 <sup>9</sup> /L	0.18	±0.15	0.43	±0.43	1.42	±1.30
	Bas#	×10 <sup>9</sup> /L	2.16	±0.30	5.94	±0.70	15.36	±1.50
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.33</b>	±0.18	<b>4.59</b>	±0.24	<b>5.31</b>	±0.50
	<b>HGB</b>	g/L	<b>59</b>	±4	<b>131</b>	±6	<b>168</b>	±8
	HCT	%	18.1	±2.0	38.9	±3.0	49.7	±4.0
	<b>MCV</b>	fL	<b>77.4</b>	±5.0	<b>84.8</b>	±5.0	<b>93.6</b>	±6.0
	MCH	pg	25.1	±2.5	28.5	±2.5	31.6	±2.5
	MCHC	g/L	324	±30	337	±30	337	±30
	RDW-CV	%	17.3	±3.0	16.1	±3.0	15.1	±3.0
	RDW-SD	fL	49.4	±10.0	50.3	±10.0	52.1	±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>51</b>	±20	<b>257</b>	±40	<b>502</b>	±60
MPV	fL	10.2	±3.0	10.5	±3.0	10.1	±3.0	
PDW	/	11.2	±3.0	13.2	±3.0	12.4	±3.0	
PCT	%	0.052	±0.050	0.270	±0.100	0.507	±0.200	
P-LCR	%	25.5	±8.0	30.0	±8.0	27.3	±8.0	
P-LCC	×10 <sup>9</sup> /L	13	±13	77	±25	137	±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

# DM-5D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**

LOT BC0322

2022-02-10

2022-05-10

Applicable Instrument	Parameter	Unit	Low		Normal		High	
<b>DYMIND</b>  D2-CRP D7-CRP DH71CRP DH73CRP (Technical File Version A3.0 to A5.11)	<b>WBC</b>	×10 <sup>9</sup> /L	<b>3.43</b>	±0.50	<b>7.92</b>	±1.00	<b>18.03</b>	±2.50
	Neu%	%	48.9	±9.0	57.2	±8.0	65.5	±7.0
	Lym%	%	39.0	±9.0	30.0	±8.0	19.9	±6.0
	Mon%	%	6.9	±4.0	6.7	±5.0	7.0	±6.0
	Eos%	%	5.2	±5.0	6.1	±6.0	7.6	±7.0
	Bas%	%	61.7	±8.0	72.1	±8.0	81.2	±8.0
	Neu#	×10 <sup>9</sup> /L	1.68	±0.40	4.53	±0.70	11.81	±1.40
	Lym#	×10 <sup>9</sup> /L	1.34	±0.40	2.38	±0.70	3.59	±1.10
	Mon#	×10 <sup>9</sup> /L	0.24	±0.14	0.53	±0.50	1.26	±1.10
	Eos#	×10 <sup>9</sup> /L	0.18	±0.15	0.48	±0.48	1.37	±1.30
	Bas#	×10 <sup>9</sup> /L	2.12	±0.30	5.71	±0.70	14.64	±1.50
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.31</b>	±0.18	<b>4.49</b>	±0.24	<b>5.14</b>	±0.50
	<b>HGB</b>	g/L	<b>59</b>	±4	<b>130</b>	±6	<b>166</b>	±8
	HCT	%	18.4	±2.0	39.5	±3.0	49.6	±4.0
	<b>MCV</b>	fL	<b>79.6</b>	±5.0	<b>88.1</b>	±5.0	<b>96.6</b>	±6.0
	MCH	pg	25.5	±2.5	29.0	±2.5	32.4	±2.5
	MCHC	g/L	320	±30	329	±30	335	±30
	RDW-CV	%	17.3	±3.0	16.2	±3.0	15.8	±3.0
	RDW-SD	fL	49.6	±10.0	50.9	±10.0	54.3	±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>53</b>	±20	<b>251</b>	±40	<b>497</b>	±60
	MPV	fL	10.9	±3.0	11.3	±3.0	10.9	±3.0
	PDW	/	12.2	±3.0	14.5	±3.0	13.6	±3.0
	PCT	%	0.057	±0.050	0.284	±0.100	0.542	±0.200
P-LCR	%	30.4	±8.0	35.8	±8.0	32.4	±8.0	
P-LCC	×10 <sup>9</sup> /L	16	±15	90	±25	161	±35	
PDW	fL	12.2	±3.0	14.5	±3.0	13.6	±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.

# DM-5D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**

LOT BC0322

2022-02-10

2022-05-10

Applicable Instrument	Parameter	Unit	Low		Normal		High	
<b>DYMIND</b>  D2-CRP D7-CRP DH71CRP DH73CRP (Technical File Version A6.0 to A 6.5)	<b>WBC</b>	×10 <sup>9</sup> /L	<b>3.38</b>	±0.50	<b>7.89</b>	±1.00	<b>17.95</b>	±2.50
	Neu%	%	48.6	±9.0	57.1	±8.0	64.9	±7.0
	Lym%	%	39.4	±9.0	30.9	±8.0	20.4	±6.0
	Mon%	%	6.9	±4.0	6.6	±5.0	7.0	±6.0
	Eos%	%	5.1	±5.0	5.4	±5.4	7.7	±7.0
	Bas%	%	62.7	±8.0	73.0	±8.0	82.0	±8.0
	Neu#	×10 <sup>9</sup> /L	1.64	±0.40	4.51	±0.70	11.65	±1.40
	Lym#	×10 <sup>9</sup> /L	1.33	±0.40	2.44	±0.70	3.66	±1.10
	Mon#	×10 <sup>9</sup> /L	0.23	±0.14	0.52	±0.50	1.26	±1.10
	Eos#	×10 <sup>9</sup> /L	0.17	±0.15	0.43	±0.43	1.38	±1.30
	Bas#	×10 <sup>9</sup> /L	2.12	±0.30	5.76	±0.70	14.72	±1.50
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.30</b>	±0.18	<b>4.48</b>	±0.24	<b>5.16</b>	±0.50
	<b>HGB</b>	g/L	<b>58</b>	±4	<b>130</b>	±6	<b>165</b>	±8
	HCT	%	18.4	±2.0	38.8	±3.0	48.9	±4.0
	<b>MCV</b>	fL	<b>79.9</b>	±5.0	<b>86.6</b>	±5.0	<b>94.7</b>	±6.0
	MCH	pg	25.2	±2.5	28.9	±2.5	32.0	±2.5
	MCHC	g/L	315	±30	334	±30	338	±30
	RDW-CV	%	17.5	±3.0	16.4	±3.0	15.9	±3.0
	RDW-SD	fL	49.5	±10.0	50.9	±10.0	54.0	±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>50</b>	±20	<b>257</b>	±40	<b>526</b>	±60
MPV	fL	10.6	±3.0	11.0	±3.0	10.7	±3.0	
PDW	/	11.4	±3.0	13.7	±3.0	13.5	±3.0	
PCT	%	0.053	±0.050	0.283	±0.100	0.562	±0.200	
P-LCR	%	29.8	±8.0	35.4	±8.0	32.9	±8.0	
P-LCC	×10 <sup>9</sup> /L	15	±15	91	±25	173	±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

# DM-5D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**

LOT BC0322

2022-02-10

2022-05-10

Applicable Instrument	Parameter	Unit	Low		Normal		High	
<b>DYMIND</b>  D2-CRP D7-CRP DH71CRP DH73CRP (Technical File Version A6.6 or higher)	<b>WBC</b>	×10 <sup>9</sup> /L	<b>3.56</b>	±0.50	<b>8.38</b>	±1.00	<b>18.90</b>	±2.50
	Neu%	%	48.1	±9.0	56.7	±8.0	64.6	±7.0
	Lym%	%	39.5	±9.0	30.6	±8.0	20.1	±6.0
	Mon%	%	6.6	±4.0	6.5	±5.0	6.9	±6.0
	Eos%	%	5.8	±5.0	6.2	±6.0	8.4	±7.0
	Bas%	%	63.2	±8.0	73.4	±8.0	82.4	±8.0
	Neu#	×10 <sup>9</sup> /L	1.71	±0.40	4.75	±0.70	12.21	±1.40
	Lym#	×10 <sup>9</sup> /L	1.40	±0.40	2.56	±0.70	3.80	±1.10
	Mon#	×10 <sup>9</sup> /L	0.23	±0.14	0.54	±0.50	1.30	±1.10
	Eos#	×10 <sup>9</sup> /L	0.21	±0.15	0.52	±0.50	1.59	±1.30
	Bas#	×10 <sup>9</sup> /L	2.25	±0.30	6.15	±0.70	15.57	±1.50
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.34</b>	±0.18	<b>4.55</b>	±0.24	<b>5.26</b>	±0.50
	<b>HGB</b>	g/L	<b>58</b>	±4	<b>129</b>	±6	<b>166</b>	±8
	HCT	%	18.4	±2.0	38.7	±3.0	49.2	±4.0
	<b>MCV</b>	fL	<b>78.3</b>	±5.0	<b>85.2</b>	±5.0	<b>93.6</b>	±6.0
	MCH	pg	24.9	±2.5	28.4	±2.5	31.5	±2.5
	MCHC	g/L	317	±30	334	±30	337	±30
	RDW-CV	%	17.2	±3.0	16.1	±3.0	15.5	±3.0
	RDW-SD	fL	48.5	±10.0	49.6	±10.0	52.3	±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>49</b>	±20	<b>251</b>	±40	<b>514</b>	±60
MPV	fL	9.9	±3.0	10.3	±3.0	9.9	±3.0	
PDW	/	10.3	±3.0	12.7	±3.0	12.0	±3.0	
PCT	%	0.049	±0.049	0.259	±0.100	0.509	±0.200	
P-LCR	%	24.3	±8.0	29.8	±8.0	26.5	±8.0	
P-LCC	×10 <sup>9</sup> /L	12	±12	75	±25	136	±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

# DM-5D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**

LOT BC0322

2022-02-10

2022-05-10

Applicable Instrument	Parameter	Unit	Low		Normal		High	
<b>DYMIND</b>  D6-CRP DH76CRP (Technical File Version B1.0 to B2.0)	<b>WBC</b>	×10 <sup>9</sup> /L	<b>3.38</b>	±0.50	<b>7.93</b>	±1.00	<b>18.05</b>	±2.50
	Neu%	%	48.7	±9.0	56.8	±8.0	65.7	±7.0
	Lym%	%	39.6	±9.0	30.8	±8.0	20.4	±6.0
	Mon%	%	7.0	±4.0	6.6	±5.0	7.0	±6.0
	Eos%	%	4.7	±4.7	5.8	±5.8	6.9	±6.9
	Bas%	%	62.1	±8.0	71.4	±8.0	81.4	±8.0
	Neu#	×10 <sup>9</sup> /L	1.65	±0.40	4.50	±0.70	11.86	±1.40
	Lym#	×10 <sup>9</sup> /L	1.34	±0.40	2.44	±0.70	3.68	±1.10
	Mon#	×10 <sup>9</sup> /L	0.24	±0.14	0.52	±0.50	1.26	±1.10
	Eos#	×10 <sup>9</sup> /L	0.16	±0.15	0.46	±0.46	1.25	±1.25
	Bas#	×10 <sup>9</sup> /L	2.10	±0.30	5.66	±0.70	14.69	±1.50
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.29</b>	±0.18	<b>4.50</b>	±0.24	<b>5.29</b>	±0.50
	<b>HGB</b>	g/L	<b>60</b>	±4	<b>130</b>	±6	<b>166</b>	±8
	HCT	%	18.0	±2.0	38.3	±3.0	49.4	±4.0
	<b>MCV</b>	fL	<b>78.6</b>	±5.0	<b>85.3</b>	±5.0	<b>93.5</b>	±6.0
	MCH	pg	26.4	±2.5	28.9	±2.5	31.3	±2.5
	MCHC	g/L	336	±30	339	±30	335	±30
	RDW-CV	%	17.4	±3.0	16.4	±3.0	15.7	±3.0
	RDW-SD	fL	49.1	±10.0	50.3	±10.0	52.9	±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>55</b>	±20	<b>252</b>	±40	<b>519</b>	±60
MPV	fL	9.2	±3.0	10.3	±3.0	9.9	±3.0	
PDW	/	11.8	±3.0	12.8	±3.0	12.0	±3.0	
PCT	%	0.050	±0.050	0.260	±0.100	0.514	±0.200	
P-LCR	%	23.7	±8.0	30.9	±8.0	27.8	±8.0	
P-LCC	×10 <sup>9</sup> /L	13	±13	78	±25	144	±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

# DM-5D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**

LOT BC0322

2022-02-10

2022-05-10

Applicable Instrument	Parameter	Unit	Low		Normal		High	
<b>DYMIND</b>  D6-CRP DH76CRP (Technical File Version B2.2 or higher)	<b>WBC</b>	×10 <sup>9</sup> /L	<b>3.45</b>	±0.50	<b>8.16</b>	±1.00	<b>18.37</b>	±2.50
	Neu%	%	49.7	±9.0	56.9	±8.0	64.4	±7.0
	Lym%	%	38.2	±9.0	30.5	±8.0	20.4	±6.0
	Mon%	%	6.9	±4.0	6.5	±5.0	7.1	±6.0
	Eos%	%	5.2	±5.0	6.1	±6.0	8.1	±7.0
	Bas%	%	62.7	±8.0	72.5	±8.0	81.7	±8.0
	Neu#	×10 <sup>9</sup> /L	1.72	±0.40	4.64	±0.70	11.83	±1.40
	Lym#	×10 <sup>9</sup> /L	1.32	±0.40	2.49	±0.70	3.75	±1.10
	Mon#	×10 <sup>9</sup> /L	0.24	±0.14	0.53	±0.50	1.30	±1.10
	Eos#	×10 <sup>9</sup> /L	0.18	±0.15	0.50	±0.50	1.49	±1.30
	Bas#	×10 <sup>9</sup> /L	2.16	±0.30	5.91	±0.70	15.01	±1.50
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.38</b>	±0.18	<b>4.66</b>	±0.24	<b>5.34</b>	±0.50
	<b>HGB</b>	g/L	<b>61</b>	±4	<b>132</b>	±6	<b>167</b>	±8
	HCT	%	18.7	±2.0	39.8	±3.0	49.9	±4.0
	<b>MCV</b>	fL	<b>78.6</b>	±5.0	<b>85.3</b>	±5.0	<b>93.5</b>	±6.0
	MCH	pg	25.5	±2.5	28.2	±2.5	31.2	±2.5
	MCHC	g/L	325	±30	331	±30	334	±30
	RDW-CV	%	17.3	±3.0	16.2	±3.0	15.6	±3.0
	RDW-SD	fL	50.0	±10.0	51.1	±10.0	53.7	±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>54</b>	±20	<b>262</b>	±40	<b>530</b>	±60
MPV	fL	9.7	±3.0	10.6	±3.0	10.2	±3.0	
PDW	/	12.2	±3.0	13.1	±3.0	12.6	±3.0	
PCT	%	0.052	±0.050	0.278	±0.100	0.541	±0.200	
P-LCR	%	26.0	±8.0	30.9	±8.0	28.1	±8.0	
P-LCC	×10 <sup>9</sup> /L	14	±14	81	±25	149	±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

# DM-5D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**

LOT BC0322

2022-02-10

2022-05-10

Applicable Instrument	Parameter	Unit	Low		Normal		High	
<b>DYMIND</b>  DF50 Vet DF52 Vet DF55 Vet DF56 Vet (Technical File Version A8.0 or higher and B1.0 or higher )	<b>WBC</b>	×10 <sup>9</sup> /L	<b>3.49</b>	±0.50	<b>7.96</b>	±1.00	<b>18.62</b>	±2.50
	Neu%	%	47.7	±9.0	54.2	±8.0	62.9	±7.0
	Lym%	%	40.0	±9.0	30.8	±8.0	10.9	±6.0
	Mon%	%	4.6	±4.0	4.8	±4.8	13.5	±6.0
	Eos%	%	7.7	±5.0	10.2	±6.0	12.7	±7.0
	Bas%	%	2.2	±2.2	0.4	±0.4	1.1	±1.1
	Neu#	×10 <sup>9</sup> /L	1.66	±0.40	4.32	±0.70	11.71	±1.40
	Lym#	×10 <sup>9</sup> /L	1.40	±0.40	2.45	±0.70	2.03	±1.10
	Mon#	×10 <sup>9</sup> /L	0.16	±0.14	0.38	±0.38	2.51	±1.10
	Eos#	×10 <sup>9</sup> /L	0.27	±0.15	0.81	±0.50	2.36	±1.30
	Bas#	×10 <sup>9</sup> /L	0.08	±0.08	0.03	±0.03	0.20	±0.20
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.39</b>	±0.18	<b>4.68</b>	±0.24	<b>5.40</b>	±0.50
	<b>HGB</b>	g/L	<b>59</b>	±4	<b>131</b>	±6	<b>170</b>	±8
	HCT	%	18.7	±2.0	40.6	±3.0	51.4	±4.0
	<b>MCV</b>	fL	<b>78.5</b>	±5.0	<b>86.8</b>	±5.0	<b>95.3</b>	±6.0
	MCH	pg	24.5	±2.5	27.9	±2.5	31.4	±2.5
	MCHC	g/L	313	±30	322	±30	330	±30
	RDW-CV	%	13.7	±3.0	13.1	±3.0	12.7	±3.0
	RDW-SD	fL	46.6	±10.0	48.2	±10.0	51.2	±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>62</b>	±20	<b>259</b>	±40	<b>480</b>	±60
MPV	fL	9.2	±3.0	10.1	±3.0	9.7	±3.0	
PDW	/	11.6	±3.0	14.2	±3.0	13.5	±3.0	
PCT	%	0.057	±0.050	0.262	±0.100	0.465	±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

# DM-5D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**

LOT BC0322

2022-02-10

2022-05-10

Applicable Instrument	Parameter	Unit	Low		Normal		High	
<b>DYMIND</b>  DF1-CRP DF3-CRP DF5-CRP DF50CRP DF52CRP DF53CRP (Technical File Version A4.0 to A5.7)	<b>WBC</b>	×10 <sup>9</sup> /L	<b>3.45</b>	±0.50	<b>7.80</b>	±1.00	<b>18.25</b>	±2.50
	Neu%	%	49.2	±9.0	54.6	±8.0	62.9	±7.0
	Lym%	%	38.4	±9.0	30.1	±8.0	19.0	±6.0
	Mon%	%	4.8	±4.0	5.2	±5.0	5.5	±5.5
	Eos%	%	7.6	±5.0	10.1	±6.0	12.6	±7.0
	Bas%	%	4.5	±4.5	1.1	±1.1	2.6	±2.6
	Neu#	×10 <sup>9</sup> /L	1.70	±0.40	4.26	±0.70	11.48	±1.40
	Lym#	×10 <sup>9</sup> /L	1.32	±0.40	2.35	±0.70	3.47	±1.10
	Mon#	×10 <sup>9</sup> /L	0.17	±0.14	0.41	±0.41	1.00	±1.00
	Eos#	×10 <sup>9</sup> /L	0.26	±0.15	0.79	±0.50	2.30	±1.30
	Bas#	×10 <sup>9</sup> /L	0.16	±0.16	0.09	±0.09	0.47	±0.47
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.32</b>	±0.18	<b>4.56</b>	±0.24	<b>5.24</b>	±0.50
	<b>HGB</b>	g/L	<b>59</b>	±4	<b>129</b>	±6	<b>166</b>	±8
	HCT	%	18.3	±2.0	39.7	±3.0	50.1	±4.0
	<b>MCV</b>	fL	<b>78.8</b>	±5.0	<b>87.1</b>	±5.0	<b>95.5</b>	±6.0
	MCH	pg	25.4	±2.5	28.2	±2.5	31.7	±2.5
	MCHC	g/L	322	±30	324	±30	331	±30
	RDW-CV	%	14.9	±3.0	14.2	±3.0	13.8	±3.0
	RDW-SD	fL	49.6	±10.0	51.5	±10.0	54.8	±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>57</b>	±20	<b>254</b>	±40	<b>480</b>	±60
MPV	fL	9.5	±3.0	10.1	±3.0	9.9	±3.0	
PDW	/	11.3	±3.0	14.7	±3.0	13.7	±3.0	
PCT	%	0.055	±0.050	0.257	±0.100	0.475	±0.200	
P-LCR	%	27.8	±8.0	38.5	±8.0	36.9	±8.0	
P-LCC	×10 <sup>9</sup> /L	16	±15	98	±25	177	±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.

# DM-5D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**

LOT BC0322

2022-02-10

2022-05-10

Applicable Instrument	Parameter	Unit	Low		Normal		High	
DYMIND  DF1-CRP DF3-CRP DF5-CRP DF50CRP DF52CRP DF53CRP (Technical File Version A6.0 )	<b>WBC</b>	×10 <sup>9</sup> /L	<b>3.46</b>	±0.50	<b>8.09</b>	±1.00	<b>19.00</b>	±2.50
	Neu%	%	48.9	±9.0	54.9	±8.0	62.4	±7.0
	Lym%	%	38.2	±9.0	29.6	±8.0	19.6	±6.0
	Mon%	%	5.5	±4.0	5.8	±5.0	5.5	±5.5
	Eos%	%	7.4	±5.0	9.7	±6.0	12.5	±7.0
	Bas%	%	3.5	±3.5	0.5	±0.5	1.6	±1.6
	Neu#	×10 <sup>9</sup> /L	1.69	±0.40	4.44	±0.70	11.85	±1.40
	Lym#	×10 <sup>9</sup> /L	1.32	±0.40	2.39	±0.70	3.72	±1.10
	Mon#	×10 <sup>9</sup> /L	0.19	±0.14	0.47	±0.47	1.04	±1.04
	Eos#	×10 <sup>9</sup> /L	0.26	±0.15	0.78	±0.50	2.37	±1.30
	Bas#	×10 <sup>9</sup> /L	0.12	±0.12	0.04	±0.04	0.30	±0.30
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.31</b>	±0.18	<b>4.48</b>	±0.24	<b>5.16</b>	±0.50
	<b>HGB</b>	g/L	<b>59</b>	±4	<b>128</b>	±6	<b>164</b>	±8
	HCT	%	18.2	±2.0	38.0	±3.0	48.1	±4.0
	<b>MCV</b>	fL	<b>78.7</b>	±5.0	<b>84.8</b>	±5.0	<b>93.1</b>	±6.0
	MCH	pg	25.5	±2.5	28.5	±2.5	31.8	±2.5
	MCHC	g/L	324	±30	336	±30	341	±30
	RDW-CV	%	15.1	±3.0	14.3	±3.0	13.6	±3.0
	RDW-SD	fL	50.7	±10.0	52.8	±10.0	55.1	±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>60</b>	±20	<b>262</b>	±40	<b>490</b>	±60
MPV	fL	9.3	±3.0	9.9	±3.0	9.8	±3.0	
PDW	/	10.7	±3.0	13.5	±3.0	12.9	±3.0	
PCT	%	0.056	±0.050	0.260	±0.100	0.480	±0.200	
P-LCR	%	28.5	±8.0	37.4	±8.0	35.5	±8.0	
P-LCC	×10 <sup>9</sup> /L	17	±15	98	±25	174	±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

# DM-5D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**

LOT BC0322

2022-02-10

2022-05-10

Applicable Instrument	Parameter	Unit	Low		Normal		High	
<b>DYMIND</b>  DF1-CRP DF3-CRP DF5-CRP DF50CRP DF52CRP DF53CRP (Technical File Version A6.1 or higher)	<b>WBC</b>	×10 <sup>9</sup> /L	<b>3.51</b>	±0.50	<b>8.30</b>	±1.00	<b>19.35</b>	±2.50
	Neu%	%	48.5	±9.0	54.4	±8.0	62.0	±7.0
	Lym%	%	38.7	±9.0	30.5	±8.0	20.3	±6.0
	Mon%	%	5.4	±4.0	5.3	±5.0	5.3	±5.3
	Eos%	%	7.4	±5.0	9.8	±6.0	12.4	±7.0
	Bas%	%	3.6	±3.6	0.6	±0.6	1.7	±1.7
	Neu#	×10 <sup>9</sup> /L	1.70	±0.40	4.51	±0.70	12.00	±1.40
	Lym#	×10 <sup>9</sup> /L	1.36	±0.40	2.53	±0.70	3.93	±1.10
	Mon#	×10 <sup>9</sup> /L	0.19	±0.14	0.44	±0.44	1.03	±1.03
	Eos#	×10 <sup>9</sup> /L	0.26	±0.15	0.81	±0.50	2.40	±1.30
	Bas#	×10 <sup>9</sup> /L	0.13	±0.13	0.05	±0.05	0.33	±0.33
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.31</b>	±0.18	<b>4.51</b>	±0.24	<b>5.21</b>	±0.50
	<b>HGB</b>	g/L	<b>59</b>	±4	<b>129</b>	±6	<b>168</b>	±8
	HCT	%	18.4	±2.0	38.7	±3.0	48.8	±4.0
	<b>MCV</b>	fL	<b>79.7</b>	±5.0	<b>85.9</b>	±5.0	<b>93.6</b>	±6.0
	MCH	pg	25.5	±2.5	28.7	±2.5	32.2	±2.5
	MCHC	g/L	321	±30	334	±30	344	±30
	RDW-CV	%	14.7	±3.0	14.0	±3.0	13.6	±3.0
	RDW-SD	fL	49.3	±10.0	51.1	±10.0	54.1	±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>49</b>	±20	<b>261</b>	±40	<b>534</b>	±60
MPV	fL	9.4	±3.0	10.0	±3.0	9.9	±3.0	
PDW	/	10.8	±3.0	13.3	±3.0	12.8	±3.0	
PCT	%	0.046	±0.046	0.261	±0.100	0.529	±0.200	
P-LCR	%	30.4	±8.0	37.1	±8.0	35.6	±8.0	
P-LCC	×10 <sup>9</sup> /L	15	±15	97	±25	190	±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

# DM-5D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**

LOT BC0322

2022-02-10

2022-05-10

Applicable Instrument	Parameter	Unit	Low		Normal		High	
<b>DYMIND</b>  DM71X DM72X DM78X DM79X (Technical File Version A1.0 or higher)	<b>WBC</b>	×10 <sup>9</sup> /L	<b>3.41</b>	±0.50	<b>7.96</b>	±1.00	<b>17.66</b>	±2.50
	Neu%	%	48.2	±9.0	56.2	±8.0	63.5	±7.0
	Lym%	%	38.9	±9.0	30.0	±8.0	19.7	±6.0
	Mon%	%	7.0	±4.0	6.6	±5.0	7.2	±6.0
	Eos%	%	5.9	±5.0	7.2	±6.0	9.6	±7.0
	Bas%	%	60.6	±8.0	70.7	±8.0	80.4	±8.0
	Neu#	×10 <sup>9</sup> /L	1.64	±0.40	4.47	±0.70	11.21	±1.40
	Lym#	×10 <sup>9</sup> /L	1.33	±0.40	2.39	±0.70	3.48	±1.10
	Mon#	×10 <sup>9</sup> /L	0.24	±0.14	0.53	±0.50	1.27	±1.10
	Eos#	×10 <sup>9</sup> /L	0.20	±0.15	0.57	±0.50	1.70	±1.30
	Bas#	×10 <sup>9</sup> /L	2.07	±0.30	5.63	±0.70	14.20	±1.50
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.34</b>	±0.18	<b>4.57</b>	±0.24	<b>5.30</b>	±0.50
	<b>HGB</b>	g/L	<b>61</b>	±4	<b>131</b>	±6	<b>166</b>	±8
	HCT	%	18.2	±2.0	39.3	±3.0	50.1	±4.0
	<b>MCV</b>	fL	<b>78.1</b>	±5.0	<b>86.0</b>	±5.0	<b>94.5</b>	±6.0
	MCH	pg	26.1	±2.5	28.6	±2.5	31.4	±2.5
	MCHC	g/L	335	±30	333	±30	332	±30
	RDW-CV	%	17.2	±3.0	16.1	±3.0	15.5	±3.0
	RDW-SD	fL	49.3	±10.0	50.3	±10.0	53.0	±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>53</b>	±20	<b>260</b>	±40	<b>527</b>	±60
MPV	fL	9.9	±3.0	10.8	±3.0	10.4	±3.0	
PDW	/	12.7	±3.0	13.5	±3.0	12.9	±3.0	
PCT	%	0.053	±0.050	0.281	±0.100	0.548	±0.200	
P-LCR	%	26.3	±8.0	32.3	±8.0	29.2	±8.0	
P-LCC	×10 <sup>9</sup> /L	14	±14	84	±25	154	±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