

# DM-5D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**

LOT BC0522

2022-04-11

2022-07-10

Applicable Instrument	Parameter	Unit	Low		Normal		High	
DYMIND  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>3.35</b>	±0.50	<b>8.04</b>	±1.00	<b>17.89</b>	±2.50
	Neu%	%	51.3	±9.0	63.9	±8.0	76.0	±30.0
	Lym%	%	37.8	±9.0	26.0	±8.0	15.0	±15.0
	Mon%	%	6.9	±4.0	6.1	±5.0	5.0	±5.0
	Eos%	%	4.0	±4.0	4.0	±4.0	4.0	±4.0
	Bas%	%	63.6	±8.0	72.0	±8.0	80.5	±8.0
	Neu#	×10 <sup>9</sup> /L	1.72	±0.40	5.14	±0.70	13.60	±6.00
	Lym#	×10 <sup>9</sup> /L	1.27	±0.40	2.09	±0.70	2.68	±2.68
	Mon#	×10 <sup>9</sup> /L	0.23	±0.14	0.49	±0.49	0.89	±0.89
	Eos#	×10 <sup>9</sup> /L	0.13	±0.13	0.32	±0.32	0.72	±0.72
	Bas#	×10 <sup>9</sup> /L	2.13	±0.30	5.79	±0.70	14.40	±1.50
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.12</b>	±0.18	<b>4.45</b>	±0.24	<b>5.31</b>	±0.50
	<b>HGB</b>	g/L	<b>57</b>	±4	<b>129</b>	±6	<b>167</b>	±8
	HCT	%	18.2	±2.0	40.8	±3.0	53.3	±4.0
	<b>MCV</b>	fL	<b>85.7</b>	±5.0	<b>91.7</b>	±5.0	<b>100.4</b>	±6.0
	MCH	pg	26.5	±2.5	28.6	±2.5	31.0	±2.5
	MCHC	g/L	310	±30	313	±30	309	±30
	RDW-CV	%	18.5	±3.0	17.2	±3.0	16.4	±3.0
	RDW-SD	fL	55.8	±10.0	54.7	±10.0	56.5	±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>50</b>	±20	<b>253</b>	±40	<b>526</b>	±60
	MPV	fL	10.1	±3.0	10.5	±3.0	9.4	±3.0
	PDW	fL	10.6	±3.0	13.6	±3.0	11.2	±3.0
	PCT	%	0.051	±0.050	0.271	±0.100	0.499	±0.200
P-LCR	%	24.5	±8.0	30.5	±8.0	22.7	±8.0	
P-LCC	×10 <sup>9</sup> /L	15	±15	79	±25	121	±35	
PDW	/	10.2	±3.0	10.3	±3.0	10.2	±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 BC0522

2022-04-11

2022-07-10

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>3.45</b>	±0.50	<b>8.52</b>	±1.00	<b>18.91</b>	±2.50
	Neu%	%	51.5	±9.0	61.1	±8.0	73.5	±20.0
	Lym%	%	38.4	±9.0	28.9	±8.0	16.9	±10.0
	Mon%	%	6.1	±4.0	6.0	±5.0	5.6	±5.6
	Eos%	%	4.0	±4.0	4.0	±4.0	4.0	±4.0
	Bas%	%	64.2	±8.0	72.2	±8.0	81.8	±8.0
	Neu#	×10 <sup>9</sup> /L	1.78	±0.40	5.20	±0.70	13.90	±4.00
	Lym#	×10 <sup>9</sup> /L	1.32	±0.40	2.46	±0.70	3.20	±2.00
	Mon#	×10 <sup>9</sup> /L	0.21	±0.14	0.51	±0.50	1.06	±1.06
	Eos#	×10 <sup>9</sup> /L	0.14	±0.14	0.34	±0.34	0.76	±0.76
	Bas#	×10 <sup>9</sup> /L	2.21	±0.30	6.15	±0.70	15.47	±1.50
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.16</b>	±0.18	<b>4.47</b>	±0.24	<b>5.37</b>	±0.50
	<b>HGB</b>	g/L	<b>56</b>	±4	<b>128</b>	±6	<b>165</b>	±8
	HCT	%	17.7	±2.0	39.0	±3.0	50.8	±4.0
	<b>MCV</b>	fL	<b>82.2</b>	±5.0	<b>87.2</b>	±5.0	<b>94.6</b>	±6.0
	MCH	pg	26.4	±2.5	28.8	±2.5	31.0	±2.5
	MCHC	g/L	322	±30	331	±30	328	±30
	RDW-CV	%	18.2	±3.0	16.8	±3.0	15.8	±3.0
	RDW-SD	fL	54.7	±10.0	53.6	±10.0	54.2	±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>48</b>	±20	<b>245</b>	±40	<b>518</b>	±60
	MPV	fL	10.3	±3.0	10.6	±3.0	9.5	±3.0
PDW	fL	11.2	±3.0	13.6	±3.0	11.4	±3.0	
PCT	%	0.050	±0.050	0.263	±0.100	0.503	±0.200	
P-LCR	%	25.7	±8.0	30.9	±8.0	23.5	±8.0	
P-LCC	×10 <sup>9</sup> /L	15	±15	77	±25	124	±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 BC0522

2022-04-11

2022-07-10

Applicable Instrument	Parameter	Unit	Low		Normal		High	
DYMIND  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>3.53</b>	±0.50	<b>8.83</b>	±1.00	<b>19.50</b>	±2.50
	Neu%	%	51.6	±9.0	60.0	±8.0	68.8	±10.0
	Lym%	%	38.5	±9.0	29.3	±8.0	19.4	±6.0
	Mon%	%	6.9	±4.0	6.7	±5.0	6.0	±6.0
	Eos%	%	3.0	±3.0	4.0	±4.0	5.8	±5.8
	Bas%	%	64.3	±8.0	72.2	±8.0	80.2	±8.0
	Neu#	×10 <sup>9</sup> /L	1.82	±0.40	5.30	±0.70	13.42	±2.00
	Lym#	×10 <sup>9</sup> /L	1.36	±0.40	2.59	±0.70	3.78	±1.10
	Mon#	×10 <sup>9</sup> /L	0.24	±0.14	0.59	±0.50	1.17	±1.10
	Eos#	×10 <sup>9</sup> /L	0.11	±0.11	0.35	±0.35	1.13	±1.13
	Bas#	×10 <sup>9</sup> /L	2.27	±0.30	6.38	±0.70	15.64	±1.50
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.16</b>	±0.18	<b>4.48</b>	±0.24	<b>5.39</b>	±0.50
	<b>HGB</b>	g/L	<b>57</b>	±4	<b>129</b>	±6	<b>167</b>	±8
	HCT	%	17.8	±2.0	39.1	±3.0	51.2	±4.0
	<b>MCV</b>	fL	<b>82.4</b>	±5.0	<b>87.3</b>	±5.0	<b>95.0</b>	±6.0
	MCH	pg	26.5	±2.5	28.9	±2.5	31.2	±2.5
	MCHC	g/L	322	±30	331	±30	329	±30
	RDW-CV	%	18.1	±3.0	16.8	±3.0	15.8	±3.0
	RDW-SD	fL	54.3	±10.0	53.3	±10.0	54.0	±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>49</b>	±20	<b>250</b>	±40	<b>517</b>	±60
MPV	fL	10.0	±3.0	10.4	±3.0	9.2	±3.0	
PDW	fL	10.5	±3.0	13.4	±3.0	10.8	±3.0	
PCT	%	0.051	±0.050	0.265	±0.100	0.495	±0.200	
P-LCR	%	23.9	±8.0	29.7	±8.0	21.8	±8.0	
P-LCC	×10 <sup>9</sup> /L	15	±15	76	±25	117	±35	

**【NOTE】**

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

# DM-5D

## HEMATOLOGY CONTROL

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**CONTROL**

LOT BC0522

2022-04-11

2022-07-10

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>3.50</b>	±0.50	<b>8.40</b>	±1.00	<b>18.40</b>	±2.50
	Neu%	%	50.4	±9.0	57.8	±8.0	66.2	±7.0
	Lym%	%	37.9	±9.0	29.1	±8.0	19.5	±6.0
	Mon%	%	6.7	±4.0	7.1	±5.0	7.2	±6.0
	Eos%	%	5.0	±5.0	6.0	±6.0	7.1	±7.0
	Bas%	%	0.2	±0.2	0.5	±0.5	0.2	±0.2
	Neu#	×10 <sup>9</sup> /L	1.76	±0.40	4.86	±0.70	12.18	±1.40
	Lym#	×10 <sup>9</sup> /L	1.33	±0.40	2.44	±0.70	3.59	±1.10
	Mon#	×10 <sup>9</sup> /L	0.23	±0.14	0.60	±0.50	1.32	±1.10
	Eos#	×10 <sup>9</sup> /L	0.18	±0.15	0.50	±0.50	1.31	±1.30
	Bas#	×10 <sup>9</sup> /L	0.01	±0.01	0.04	±0.04	0.04	±0.04
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.17</b>	±0.18	<b>4.51</b>	±0.24	<b>5.37</b>	±0.50
	<b>HGB</b>	g/L	<b>59</b>	±4	<b>131</b>	±6	<b>171</b>	±8
	HCT	%	18.9	±2.0	41.5	±3.0	54.5	±4.0
	<b>MCV</b>	fL	<b>86.8</b>	±5.0	<b>92.1</b>	±5.0	<b>101.4</b>	±6.0
	MCH	pg	27.0	±2.5	28.8	±2.5	31.5	±2.5
	MCHC	g/L	314	±30	313	±30	312	±30
	RDW-CV	%	18.6	±3.0	17.3	±3.0	16.5	±3.0
	RDW-SD	fL	56.2	±10.0	55.3	±10.0	57.1	±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>57</b>	±20	<b>249</b>	±40	<b>502</b>	±60
MPV	fL	9.7	±3.0	10.7	±3.0	9.6	±3.0	
PDW	fL	10.3	±3.0	10.4	±3.0	10.3	±3.0	
PCT	%	0.056	±0.050	0.270	±0.100	0.485	±0.200	
P-LCR	%	26.1	±8.0	32.4	±8.0	24.1	±8.0	
P-LCC	×10 <sup>9</sup> /L	15	±15	82	±25	122	±35	

**【NOTE】**

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

# DM-5D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**

LOT BC0522

2022-04-11

2022-07-10

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>3.51</b>	±0.50	<b>8.25</b>	±1.00	<b>18.02</b>	±2.50
	Neu%	%	51.4	±9.0	56.8	±8.0	66.6	±7.0
	Lym%	%	39.4	±9.0	31.1	±8.0	21.0	±6.0
	Mon%	%	6.7	±4.0	7.1	±5.0	7.4	±6.0
	Eos%	%	1.5	±1.5	4.0	±4.0	4.0	±4.0
	Bas%	%	1.0	±1.0	1.0	±1.0	1.0	±1.0
	Neu#	×10 <sup>9</sup> /L	1.80	±0.40	4.69	±0.70	12.00	±1.40
	Lym#	×10 <sup>9</sup> /L	1.38	±0.40	2.57	±0.70	3.79	±1.10
	Mon#	×10 <sup>9</sup> /L	0.24	±0.14	0.59	±0.50	1.33	±1.10
	Eos#	×10 <sup>9</sup> /L	0.05	±0.05	0.33	±0.33	0.72	±0.72
	Bas#	×10 <sup>9</sup> /L	0.04	±0.04	0.08	±0.08	0.18	±0.18
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.14</b>	±0.18	<b>4.40</b>	±0.24	<b>5.19</b>	±0.50
	<b>HGB</b>	g/L	<b>59</b>	±4	<b>130</b>	±6	<b>168</b>	±8
	HCT	%	17.5	±2.0	38.7	±3.0	49.4	±4.0
	<b>MCV</b>	fL	<b>82.0</b>	±5.0	<b>88.0</b>	±5.0	<b>95.1</b>	±6.0
	MCH	pg	27.4	±2.5	29.5	±2.5	32.0	±2.5
	MCHC	g/L	331	±30	333	±30	334	±30
	RDW-CV	%	19.0	±3.0	17.7	±3.0	17.1	±3.0
	RDW-SD	fL	58.9	±10.0	58.1	±10.0	60.5	±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>55</b>	±20	<b>246</b>	±40	<b>489</b>	±60
MPV	fL	9.3	±3.0	10.4	±3.0	9.3	±3.0	
PDW	fL	12.0	±3.0	13.2	±3.0	11.0	±3.0	
PCT	%	0.051	±0.050	0.255	±0.100	0.453	±0.200	
P-LCR	%	23.3	±8.0	29.6	±8.0	22.0	±8.0	
P-LCC	×10 <sup>9</sup> /L	15	±15	73	±25	108	±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 BC0522

2022-04-11

2022-07-10

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>3.42</b>	±0.50	<b>8.17</b>	±1.00	<b>17.95</b>	±2.50
	Neu%	%	48.3	±9.0	56.9	±8.0	66.1	±7.0
	Lym%	%	39.0	±9.0	31.2	±8.0	20.6	±6.0
	Mon%	%	6.7	±4.0	6.9	±5.0	7.3	±6.0
	Eos%	%	5.0	±5.0	4.0	±4.0	5.0	±5.0
	Bas%	%	1.0	±1.0	1.0	±1.0	1.0	±1.0
	Neu#	×10 <sup>9</sup> /L	1.65	±0.40	4.65	±0.70	11.86	±1.40
	Lym#	×10 <sup>9</sup> /L	1.33	±0.40	2.55	±0.70	3.70	±1.10
	Mon#	×10 <sup>9</sup> /L	0.23	±0.14	0.56	±0.50	1.31	±1.10
	Eos#	×10 <sup>9</sup> /L	0.17	±0.15	0.33	±0.33	0.90	±0.90
	Bas#	×10 <sup>9</sup> /L	0.03	±0.03	0.08	±0.08	0.18	±0.18
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.24</b>	±0.18	<b>4.53</b>	±0.24	<b>5.44</b>	±0.50
	<b>HGB</b>	g/L	<b>59</b>	±4	<b>131</b>	±6	<b>170</b>	±8
	HCT	%	18.4	±2.0	39.9	±3.0	52.1	±4.0
	<b>MCV</b>	fL	<b>82.0</b>	±5.0	<b>88.1</b>	±5.0	<b>95.9</b>	±6.0
	MCH	pg	26.6	±2.5	29.0	±2.5	31.4	±2.5
	MCHC	g/L	323	±30	327	±30	326	±30
	RDW-CV	%	18.1	±3.0	16.8	±3.0	16.0	±3.0
	RDW-SD	fL	56.1	±10.0	55.0	±10.0	56.3	±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>56</b>	±20	<b>245</b>	±40	<b>492</b>	±60
MPV	fL	9.6	±3.0	10.4	±3.0	9.3	±3.0	
PDW	fL	12.3	±3.0	13.2	±3.0	11.0	±3.0	
PCT	%	0.053	±0.050	0.253	±0.100	0.448	±0.200	
P-LCR	%	25.5	±8.0	29.9	±8.0	22.0	±8.0	
P-LCC	×10 <sup>9</sup> /L	15	±15	72	±25	107	±35	

**【NOTE】**

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



Low



Normal



High

# DM-5D

## HEMATOLOGY CONTROL

### Reference Values provided by DYMIND

<b>CONTROL</b>
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LOT BC0522
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2022-04-11
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2022-07-10
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Applicable Instrument	Parameter	Unit	Low		Normal		High	
<b>DYMIND</b>  DH73 Vet (Technical File Version B5.5 or higher)	<b>RBC</b>	$\times 10^{12}/L$	<b>2.20</b>	$\pm 0.18$	<b>4.52</b>	$\pm 0.24$	<b>5.38</b>	$\pm 0.50$
	<b>HGB</b>	g/L	<b>59</b>	$\pm 4$	<b>131</b>	$\pm 6$	<b>171</b>	$\pm 8$
	<b>HCT</b>	%	19.0	$\pm 2.0$	41.6	$\pm 3.0$	54.3	$\pm 4.0$
	<b>MCV</b>	fL	<b>86.3</b>	$\pm 5.0$	<b>92.1</b>	$\pm 5.0$	<b>100.9</b>	$\pm 6.0$
	<b>MCH</b>	pg	26.9	$\pm 2.5$	29.1	$\pm 2.5$	31.8	$\pm 2.5$
	<b>MCHC</b>	g/L	312	$\pm 30$	316	$\pm 30$	315	$\pm 30$
	<b>RDW-CV</b>	%	18.1	$\pm 3.0$	16.8	$\pm 3.0$	15.9	$\pm 3.0$
	<b>RDW-SD</b>	fL	54.8	$\pm 10.0$	53.6	$\pm 10.0$	54.9	$\pm 12.0$
	<b>PLT</b>	$\times 10^9/L$	<b>57</b>	$\pm 20$	<b>245</b>	$\pm 40$	<b>489</b>	$\pm 60$
	<b>MPV</b>	fL	9.7	$\pm 3.0$	10.5	$\pm 3.0$	9.3	$\pm 3.0$
	<b>PDW</b>	fL	12.3	$\pm 3.0$	13.4	$\pm 3.0$	11.2	$\pm 3.0$
	<b>PCT</b>	%	0.056	$\pm 0.050$	0.257	$\pm 0.100$	0.456	$\pm 0.200$
	<b>P-LCR</b>	%	26.0	$\pm 8.0$	30.3	$\pm 8.0$	22.7	$\pm 8.0$
	<b>P-LCC</b>	$\times 10^9/L$	15	$\pm 15$	74	$\pm 25$	111	$\pm 35$

#### 【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

Reference Values provided by DYMIND

**CONTROL**

LOT BC0522

2022-04-11

2022-07-10

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>3.41</b>	±0.50	<b>8.05</b>	±1.00	<b>18.04</b>	±2.50
	Neu%	%	49.7	±9.0	56.3	±8.0	62.4	±7.0
	Lym%	%	39.1	±9.0	30.3	±8.0	20.2	±6.0
	Mon%	%	5.2	±4.0	5.0	±5.0	5.5	±5.5
	Eos%	%	6.0	±5.0	8.4	±6.0	11.9	±7.0
	Bas%	%	2.5	±2.5	1.0	±1.0	2.0	±2.0
	Neu#	×10 <sup>9</sup> /L	1.69	±0.40	4.53	±0.70	11.25	±1.40
	Lym#	×10 <sup>9</sup> /L	1.33	±0.40	2.44	±0.70	3.64	±1.10
	Mon#	×10 <sup>9</sup> /L	0.18	±0.14	0.40	±0.40	0.99	±0.99
	Eos#	×10 <sup>9</sup> /L	0.20	±0.15	0.68	±0.50	2.15	±1.30
	Bas#	×10 <sup>9</sup> /L	0.09	±0.09	0.08	±0.08	0.36	±0.36
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.18</b>	±0.18	<b>4.55</b>	±0.24	<b>5.39</b>	±0.50
	<b>HGB</b>	g/L	<b>59</b>	±4	<b>130</b>	±6	<b>172</b>	±8
	<b>HCT</b>	%	<b>17.5</b>	±2.0	<b>39.8</b>	±3.0	<b>51.6</b>	±4.0
	<b>MCV</b>	fL	<b>81.6</b>	±5.0	<b>88.2</b>	±5.0	<b>96.1</b>	±6.0
	<b>MCH</b>	pg	<b>26.7</b>	±2.5	<b>28.4</b>	±2.5	<b>31.6</b>	±2.5
	<b>MCHC</b>	g/L	<b>332</b>	±30	<b>323</b>	±30	<b>330</b>	±30
	<b>RDW-CV</b>	%	<b>15.5</b>	±3.0	<b>15.0</b>	±3.0	<b>14.6</b>	±3.0
	<b>RDW-SD</b>	fL	<b>52.2</b>	±10.0	<b>53.4</b>	±10.0	<b>56.3</b>	±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>68</b>	±20	<b>257</b>	±40	<b>493</b>	±60
<b>MPV</b>	fL	<b>9.4</b>	±3.0	<b>10.1</b>	±3.0	<b>9.2</b>	±3.0	
<b>PDW</b>	/	<b>15.0</b>	±3.0	<b>16.2</b>	±3.0	<b>16.3</b>	±3.0	
<b>PCT</b>	%	<b>0.064</b>	±0.050	<b>0.262</b>	±0.100	<b>0.459</b>	±0.200	
<b>P-LCR</b>	%	<b>29.9</b>	±8.0	<b>38.6</b>	±8.0	<b>31.2</b>	±8.0	
<b>P-LCC</b>	×10 <sup>9</sup> /L	<b>21</b>	±15	<b>100</b>	±25	<b>155</b>	±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

**CONTROL**

LOT BC0522

2022-04-11

2022-07-10

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>3.42</b>	±0.50	<b>8.15</b>	±1.00	<b>17.99</b>	±2.50
	Neu%	%	49.7	±9.0	55.5	±8.0	62.5	±7.0
	Lym%	%	39.3	±9.0	30.8	±8.0	20.3	±6.0
	Mon%	%	5.2	±4.0	5.0	±5.0	5.2	±5.2
	Eos%	%	5.8	±5.0	8.7	±6.0	12.0	±7.0
	Bas%	%	2.5	±2.5	1.5	±1.5	2.0	±2.0
	Neu#	×10 <sup>9</sup> /L	1.70	±0.40	4.52	±0.70	11.25	±1.40
	Lym#	×10 <sup>9</sup> /L	1.34	±0.40	2.51	±0.70	3.65	±1.10
	Mon#	×10 <sup>9</sup> /L	0.18	±0.14	0.41	±0.41	0.94	±0.94
	Eos#	×10 <sup>9</sup> /L	0.20	±0.15	0.71	±0.50	2.16	±1.30
	Bas#	×10 <sup>9</sup> /L	0.09	±0.09	0.12	±0.12	0.36	±0.36
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.23</b>	±0.18	<b>4.61</b>	±0.24	<b>5.47</b>	±0.50
	<b>HGB</b>	g/L	<b>59</b>	±4	<b>132</b>	±6	<b>171</b>	±8
	HCT	%	18.6	±2.0	41.3	±3.0	52.9	±4.0
	<b>MCV</b>	fL	<b>83.4</b>	±5.0	<b>89.6</b>	±5.0	<b>96.7</b>	±6.0
	MCH	pg	26.3	±2.5	28.6	±2.5	31.2	±2.5
	MCHC	g/L	317	±30	320	±30	324	±30
	RDW-CV	%	15.0	±3.0	14.1	±3.0	13.4	±3.0
	RDW-SD	fL	52.2	±10.0	52.0	±10.0	52.9	±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>60</b>	±20	<b>254</b>	±40	<b>495</b>	±60
MPV	fL	9.9	±3.0	10.6	±3.0	9.5	±3.0	
PDW	fL	12.5	±3.0	15.4	±3.0	13.2	±3.0	
PCT	%	0.059	±0.050	0.272	±0.100	0.472	±0.200	
P-LCR	%	32.9	±8.0	41.7	±8.0	33.7	±8.0	
P-LCC	×10 <sup>9</sup> /L	20	±15	107	±25	167	±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 BC0522

2022-04-11

2022-07-10

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>3.45</b> ±0.50	<b>8.12</b> ±1.00	<b>18.23</b> ±2.50
	Neu%	%	49.9 ±9.0	56.1 ±8.0	62.3 ±7.0
	Lym%	%	39.3 ±9.0	30.4 ±8.0	20.2 ±6.0
	Mon%	%	5.1 ±4.0	5.1 ±5.0	5.7 ±5.7
	Eos%	%	5.7 ±5.0	8.4 ±6.0	11.8 ±7.0
	Bas%	%	2.5 ±2.5	1.0 ±1.0	2.0 ±2.0
	Neu#	×10 <sup>9</sup> /L	1.72 ±0.40	4.56 ±0.70	11.36 ±1.40
	Lym#	×10 <sup>9</sup> /L	1.36 ±0.40	2.47 ±0.70	3.68 ±1.10
	Mon#	×10 <sup>9</sup> /L	0.18 ±0.14	0.41 ±0.41	1.04 ±1.04
	Eos#	×10 <sup>9</sup> /L	0.20 ±0.15	0.68 ±0.50	2.15 ±1.30
	Bas#	×10 <sup>9</sup> /L	0.09 ±0.09	0.08 ±0.08	0.36 ±0.36
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.23</b> ±0.18	<b>4.58</b> ±0.24	<b>5.47</b> ±0.50
	<b>HGB</b>	g/L	<b>59</b> ±4	<b>130</b> ±6	<b>173</b> ±8
	HCT	%	18.7 ±2.0	40.0 ±3.0	51.3 ±4.0
	<b>MCV</b>	fL	<b>83.9</b> ±5.0	<b>87.4</b> ±5.0	<b>93.9</b> ±6.0
	MCH	pg	26.4 ±2.5	28.6 ±2.5	31.6 ±2.5
	MCHC	g/L	317 ±30	327 ±30	337 ±30
	RDW-CV	%	15.6 ±3.0	14.8 ±3.0	14.1 ±3.0
	RDW-SD	fL	55.6 ±10.0	55.7 ±10.0	57.3 ±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>59</b> ±20	<b>247</b> ±40	<b>475</b> ±60
MPV	fL	9.3 ±3.0	10.0 ±3.0	9.2 ±3.0	
PDW	fL	11.8 ±3.0	14.6 ±3.0	12.3 ±3.0	
PCT	%	0.055 ±0.050	0.248 ±0.100	0.434 ±0.200	
P-LCR	%	29.4 ±8.0	38.2 ±8.0	30.5 ±8.0	
P-LCC	×10 <sup>9</sup> /L	17 ±15	94 ±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.
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 BC0522

2022-04-11

2022-07-10

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>3.39</b> ±0.50	<b>8.01</b> ±1.00	<b>18.01</b> ±2.50
	Neu%	%	50.5 ±9.0	56.3 ±8.0	62.6 ±7.0
	Lym%	%	38.5 ±9.0	29.8 ±8.0	19.9 ±6.0
	Mon%	%	5.4 ±4.0	5.2 ±5.0	5.5 ±5.5
	Eos%	%	5.6 ±5.0	8.7 ±6.0	12.0 ±7.0
	Bas%	%	2.5 ±2.5	1.0 ±1.0	2.0 ±2.0
	Neu#	×10 <sup>9</sup> /L	1.71 ±0.40	4.51 ±0.70	11.28 ±1.40
	Lym#	×10 <sup>9</sup> /L	1.31 ±0.40	2.39 ±0.70	3.58 ±1.10
	Mon#	×10 <sup>9</sup> /L	0.18 ±0.14	0.42 ±0.42	0.99 ±0.99
	Eos#	×10 <sup>9</sup> /L	0.19 ±0.15	0.70 ±0.50	2.16 ±1.30
	Bas#	×10 <sup>9</sup> /L	0.08 ±0.08	0.08 ±0.08	0.36 ±0.36
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.22</b> ±0.18	<b>4.57</b> ±0.24	<b>5.43</b> ±0.50
	<b>HGB</b>	g/L	<b>58</b> ±4	<b>132</b> ±6	<b>172</b> ±8
	HCT	%	18.2 ±2.0	39.6 ±3.0	50.5 ±4.0
	<b>MCV</b>	fL	<b>82.0</b> ±5.0	<b>86.6</b> ±5.0	<b>93.1</b> ±6.0
	MCH	pg	27 ±2.5	29 ±2.5	32 ±2.5
	MCHC	g/L	324 ±30	334 ±30	344 ±30
	RDW-CV	%	15.3 ±3.0	14.4 ±3.0	13.7 ±3.0
	RDW-SD	fL	53.0 ±10.0	52.8 ±10.0	53.8 ±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>63</b> ±20	<b>264</b> ±40	<b>493</b> ±60
MPV	fL	9.1 ±3.0	9.7 ±3.0	8.8 ±3.0	
PDW	fL	11.5 ±3.0	15.4 ±3.0	12.8 ±3.0	
PCT	%	0.058 ±0.050	0.262 ±0.100	0.439 ±0.200	
P-LCR	%	26.4 ±8.0	35.9 ±8.0	28.2 ±8.0	
P-LCC	×10 <sup>9</sup> /L	17 ±15	96 ±25	141 ±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 BC0522

2022-04-11

2022-07-10

Applicable Instrument	Parameter	Unit	Low		Normal		High	
<b>DYMIND</b>	<b>WBC</b>	$\times 10^9/L$	<b>3.41</b>	$\pm 0.50$	<b>7.99</b>	$\pm 1.00$	<b>17.64</b>	$\pm 2.50$
	Neu%	%	50.8	$\pm 9.0$	57.9	$\pm 8.0$	67.7	$\pm 7.0$
DH71	Lym%	%	38.2	$\pm 9.0$	29.7	$\pm 8.0$	19.7	$\pm 6.0$
DH76	Mon%	%	7.0	$\pm 4.0$	7.4	$\pm 5.0$	7.6	$\pm 6.0$
(Technical File Version A4.1 to A10.3)	Eos%	%	4.0	$\pm 4.0$	5.0	$\pm 5.0$	5.0	$\pm 5.0$
	Bas%	%	63.1	$\pm 8.0$	71.2	$\pm 8.0$	80.9	$\pm 8.0$
DH51	Neu#	$\times 10^9/L$	1.73	$\pm 0.40$	4.62	$\pm 0.70$	11.94	$\pm 1.40$
DH53	Lym#	$\times 10^9/L$	1.30	$\pm 0.40$	2.37	$\pm 0.70$	3.48	$\pm 1.10$
DH56	Mon#	$\times 10^9/L$	0.24	$\pm 0.14$	0.59	$\pm 0.50$	1.34	$\pm 1.10$
(Technical File Version A8.1 or higher)	Eos#	$\times 10^9/L$	0.14	$\pm 0.14$	0.40	$\pm 0.40$	0.88	$\pm 0.88$
	Bas#	$\times 10^9/L$	2.15	$\pm 0.30$	5.69	$\pm 0.70$	14.27	$\pm 1.50$
	<b>RBC</b>	$\times 10^{12}/L$	<b>2.21</b>	$\pm 0.18$	<b>4.57</b>	$\pm 0.24$	<b>5.51</b>	$\pm 0.50$
	<b>HGB</b>	g/L	<b>58</b>	$\pm 4$	<b>130</b>	$\pm 6$	<b>168</b>	$\pm 8$
	HCT	%	19.3	$\pm 2.0$	42.5	$\pm 3.0$	56.2	$\pm 4.0$
	<b>MCV</b>	fL	<b>87.0</b>	$\pm 5.0$	<b>92.9</b>	$\pm 5.0$	<b>101.9</b>	$\pm 6.0$
	MCH	pg	26.0	$\pm 2.5$	28.6	$\pm 2.5$	30.5	$\pm 2.5$
	MCHC	g/L	297	$\pm 30$	306	$\pm 30$	298	$\pm 30$
	RDW-CV	%	18.1	$\pm 3.0$	16.8	$\pm 3.0$	15.7	$\pm 3.0$
	RDW-SD	fL	55.8	$\pm 10.0$	54.8	$\pm 10.0$	55.5	$\pm 12.0$
	<b>PLT</b>	$\times 10^9/L$	<b>56</b>	$\pm 20$	<b>252</b>	$\pm 40$	<b>533</b>	$\pm 60$
	MPV	fL	9.8	$\pm 3.0$	10.7	$\pm 3.0$	9.6	$\pm 3.0$
	PDW	/	10.3	$\pm 3.0$	10.3	$\pm 3.0$	10.2	$\pm 3.0$
	PCT	%	0.056	$\pm 0.050$	0.275	$\pm 0.100$	0.520	$\pm 0.200$
	P-LCR	%	26.7	$\pm 8.0$	32.1	$\pm 8.0$	24.0	$\pm 8.0$
	P-LCC	$\times 10^9/L$	15	$\pm 15$	82	$\pm 25$	131	$\pm 35$

**【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

Reference Values provided by DYMIND

**CONTROL**

LOT BC0522

2022-04-11

2022-07-10

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>3.26</b>	±0.50	<b>7.47</b>	±1.00	<b>16.41</b>	±2.50
	Neu%	%	50.0	±9.0	56.8	±8.0	66.5	±7.0
	Lym%	%	38.9	±9.0	31.0	±8.0	20.9	±6.0
	Mon%	%	7.1	±4.0	7.2	±5.0	7.6	±6.0
	Eos%	%	4.0	±4.0	5.0	±5.0	5.0	±5.0
	Bas%	%	62.1	±8.0	70.2	±8.0	80.3	±8.0
	Neu#	×10 <sup>9</sup> /L	1.63	±0.40	4.24	±0.70	10.91	±1.40
	Lym#	×10 <sup>9</sup> /L	1.27	±0.40	2.32	±0.70	3.43	±1.10
	Mon#	×10 <sup>9</sup> /L	0.23	±0.14	0.54	±0.50	1.25	±1.10
	Eos#	×10 <sup>9</sup> /L	0.13	±0.13	0.37	±0.37	0.82	±0.82
	Bas#	×10 <sup>9</sup> /L	2.02	±0.30	5.24	±0.70	13.18	±1.50
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.21</b>	±0.18	<b>4.56</b>	±0.24	<b>5.51</b>	±0.50
	<b>HGB</b>	g/L	<b>57</b>	±4	<b>130</b>	±6	<b>168</b>	±8
	HCT	%	18.3	±2.0	40.2	±3.0	52.7	±4.0
	<b>MCV</b>	fL	<b>82.7</b>	±5.0	<b>88.2</b>	±5.0	<b>95.7</b>	±6.0
	MCH	pg	25.9	±2.5	28.6	±2.5	30.5	±2.5
	MCHC	g/L	313	±30	324	±30	319	±30
	RDW-CV	%	18.2	±3.0	16.9	±3.0	15.9	±3.0
	RDW-SD	fL	55.2	±10.0	54.3	±10.0	55.1	±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>47</b>	±20	<b>248</b>	±40	<b>522</b>	±60
MPV	fL	10.4	±3.0	10.6	±3.0	9.5	±3.0	
PDW	fL	11.2	±3.0	13.7	±3.0	11.5	±3.0	
PCT	%	0.049	±0.049	0.264	±0.100	0.502	±0.200	
P-LCR	%	26.2	±8.0	31.1	±8.0	23.4	±8.0	
P-LCC	×10 <sup>9</sup> /L	15	±15	78	±25	124	±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 BC0522

2022-04-11

2022-07-10

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>3.34</b> ±0.50	<b>8.00</b> ±1.00	<b>18.03</b> ±2.50
	Neu%	%	50.2 ±9.0	57.8 ±8.0	66.9 ±7.0
	Lym%	%	38.7 ±9.0	31.0 ±8.0	20.4 ±6.0
	Mon%	%	7.1 ±4.0	7.2 ±5.0	7.7 ±6.0
	Eos%	%	4.0 ±4.0	4.0 ±4.0	5.0 ±5.0
	Bas%	%	65.0 ±8.0	72.8 ±8.0	82.8 ±8.0
	Neu#	×10 <sup>9</sup> /L	1.68 ±0.40	4.63 ±0.70	12.06 ±1.40
	Lym#	×10 <sup>9</sup> /L	1.29 ±0.40	2.48 ±0.70	3.68 ±1.10
	Mon#	×10 <sup>9</sup> /L	0.24 ±0.14	0.58 ±0.50	1.39 ±1.10
	Eos#	×10 <sup>9</sup> /L	0.13 ±0.13	0.32 ±0.32	0.90 ±0.90
	Bas#	×10 <sup>9</sup> /L	2.17 ±0.30	5.83 ±0.70	14.93 ±1.50
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.19</b> ±0.18	<b>4.52</b> ±0.24	<b>5.48</b> ±0.50
	<b>HGB</b>	g/L	<b>58</b> ±4	<b>130</b> ±6	<b>169</b> ±8
	HCT	%	17.9 ±2.0	39.5 ±3.0	52.3 ±4.0
	<b>MCV</b>	fL	<b>81.7</b> ±5.0	<b>87.3</b> ±5.0	<b>95.5</b> ±6.0
	MCH	pg	26.6 ±2.5	29.1 ±2.5	31.3 ±2.5
	MCHC	g/L	324 ±30	332 ±30	327 ±30
	RDW-CV	%	18.2 ±3.0	16.8 ±3.0	15.7 ±3.0
	RDW-SD	fL	54.8 ±10.0	53.7 ±10.0	54.1 ±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>46</b> ±20	<b>243</b> ±40	<b>508</b> ±60
MPV	fL	10.0 ±3.0	10.3 ±3.0	9.1 ±3.0	
PDW	fL	10.9 ±3.0	13.1 ±3.0	10.8 ±3.0	
PCT	%	0.047 ±0.047	0.250 ±0.100	0.462 ±0.200	
P-LCR	%	24.3 ±8.0	29.2 ±8.0	21.1 ±8.0	
P-LCC	×10 <sup>9</sup> /L	15 ±15	71 ±25	107 ±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

Reference Values provided by DYMIND

**CONTROL**

LOT BC0522

2022-04-11

2022-07-10

Applicable Instrument	Parameter	Unit	Low		Normal		High	
DYMIND  D2-CRP D7-CRP DH71CRP DH73CRP (Technical File Version A3.0 to A5.11)	<b>WBC</b>	$\times 10^9/L$	<b>3.38</b>	$\pm 0.50$	<b>7.94</b>	$\pm 1.00$	<b>17.54</b>	$\pm 2.50$
	Neu%	%	50.8	$\pm 9.0$	58.5	$\pm 8.0$	68.6	$\pm 7.0$
	Lym%	%	38.3	$\pm 9.0$	29.6	$\pm 8.0$	19.4	$\pm 6.0$
	Mon%	%	6.9	$\pm 4.0$	6.9	$\pm 5.0$	7.0	$\pm 6.0$
	Eos%	%	4.0	$\pm 4.0$	5.0	$\pm 5.0$	5.0	$\pm 5.0$
	Bas%	%	64.1	$\pm 8.0$	71.5	$\pm 8.0$	81.5	$\pm 8.0$
	Neu#	$\times 10^9/L$	1.72	$\pm 0.40$	4.64	$\pm 0.70$	12.04	$\pm 1.40$
	Lym#	$\times 10^9/L$	1.29	$\pm 0.40$	2.35	$\pm 0.70$	3.40	$\pm 1.10$
	Mon#	$\times 10^9/L$	0.23	$\pm 0.14$	0.55	$\pm 0.50$	1.23	$\pm 1.10$
	Eos#	$\times 10^9/L$	0.14	$\pm 0.14$	0.40	$\pm 0.40$	0.88	$\pm 0.88$
	Bas#	$\times 10^9/L$	2.17	$\pm 0.30$	5.68	$\pm 0.70$	14.30	$\pm 1.50$
	<b>RBC</b>	$\times 10^{12}/L$	<b>2.17</b>	$\pm 0.18$	<b>4.44</b>	$\pm 0.24$	<b>5.28</b>	$\pm 0.50$
	<b>HGB</b>	g/L	<b>57</b>	$\pm 4$	<b>128</b>	$\pm 6$	<b>165</b>	$\pm 8$
	HCT	%	18.6	$\pm 2.0$	40.6	$\pm 3.0$	52.9	$\pm 4.0$
	<b>MCV</b>	fL	<b>85.7</b>	$\pm 5.0$	<b>91.5</b>	$\pm 5.0$	<b>100.3</b>	$\pm 6.0$
	MCH	pg	26.4	$\pm 2.5$	28.9	$\pm 2.5$	31.3	$\pm 2.5$
	MCHC	g/L	310	$\pm 30$	318	$\pm 30$	314	$\pm 30$
	RDW-CV	%	18.3	$\pm 3.0$	16.9	$\pm 3.0$	16.0	$\pm 3.0$
	RDW-SD	fL	54.7	$\pm 10.0$	53.9	$\pm 10.0$	54.9	$\pm 12.0$
	<b>PLT</b>	$\times 10^9/L$	<b>52</b>	$\pm 20$	<b>250</b>	$\pm 40$	<b>509</b>	$\pm 60$
	MPV	fL	10.6	$\pm 3.0$	10.8	$\pm 3.0$	9.7	$\pm 3.0$
	PDW	fL	11.9	$\pm 3.0$	14.3	$\pm 3.0$	11.9	$\pm 3.0$
	PCT	%	0.057	$\pm 0.050$	0.275	$\pm 0.100$	0.505	$\pm 0.200$
P-LCR	%	27.8	$\pm 8.0$	32.5	$\pm 8.0$	24.8	$\pm 8.0$	
P-LCC	$\times 10^9/L$	15	$\pm 15$	83	$\pm 25$	129	$\pm 35$	
PDW	/	10.3	$\pm 3.0$	10.3	$\pm 3.0$	10.2	$\pm 3.0$	

**【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

Reference Values provided by DYMIND

**CONTROL**

LOT BC0522

2022-04-11

2022-07-10

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>3.33</b>	±0.50	<b>7.97</b>	±1.00	<b>17.55</b>	±2.50
	Neu%	%	48.4	±9.0	57.1	±8.0	66.6	±7.0
	Lym%	%	39.5	±9.0	30.6	±8.0	20.8	±6.0
	Mon%	%	7.1	±4.0	7.3	±5.0	7.6	±6.0
	Eos%	%	5.0	±5.0	5.0	±5.0	5.0	±5.0
	Bas%	%	64.0	±8.0	72.7	±8.0	82.0	±8.0
	Neu#	×10 <sup>9</sup> /L	1.61	±0.40	4.55	±0.70	11.69	±1.40
	Lym#	×10 <sup>9</sup> /L	1.32	±0.40	2.44	±0.70	3.65	±1.10
	Mon#	×10 <sup>9</sup> /L	0.24	±0.14	0.58	±0.50	1.33	±1.10
	Eos#	×10 <sup>9</sup> /L	0.17	±0.15	0.40	±0.40	0.88	±0.88
	Bas#	×10 <sup>9</sup> /L	2.13	±0.30	5.79	±0.70	14.39	±1.50
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.11</b>	±0.18	<b>4.44</b>	±0.24	<b>5.24</b>	±0.50
	<b>HGB</b>	g/L	<b>57</b>	±4	<b>130</b>	±6	<b>166</b>	±8
	HCT	%	17.7	±2.0	39.6	±3.0	50.6	±4.0
	<b>MCV</b>	fL	<b>84.2</b>	±5.0	<b>89.0</b>	±5.0	<b>96.5</b>	±6.0
	MCH	pg	26.8	±2.5	29.3	±2.5	31.8	±2.5
	MCHC	g/L	317	±30	328	±30	328	±30
	RDW-CV	%	18.6	±3.0	17.2	±3.0	16.3	±3.0
	RDW-SD	fL	57.0	±10.0	55.7	±10.0	57.2	±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>49</b>	±20	<b>252</b>	±40	<b>536</b>	±60
MPV	fL	10.3	±3.0	10.7	±3.0	9.5	±3.0	
PDW	fL	11.3	±3.0	13.9	±3.0	11.6	±3.0	
PCT	%	0.051	±0.050	0.271	±0.100	0.516	±0.200	
P-LCR	%	25.6	±8.0	31.6	±8.0	23.7	±8.0	
P-LCC	×10 <sup>9</sup> /L	15	±15	80	±25	128	±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 BC0522

2022-04-11

2022-07-10

Applicable Instrument	Parameter	Unit	Low	Normal	High
DYMIND  D2-CRP D7-CRP DH71CRP DH73CRP (Technical File Version A6.6 or higher)	<b>WBC</b>	$\times 10^9/L$	<b>3.55</b> $\pm 0.50$	<b>8.35</b> $\pm 1.00$	<b>18.54</b> $\pm 2.50$
	Neu%	%	49.2 $\pm 9.0$	57.4 $\pm 8.0$	66.6 $\pm 7.0$
	Lym%	%	39.5 $\pm 9.0$	30.5 $\pm 8.0$	20.7 $\pm 6.0$
	Mon%	%	7.3 $\pm 4.0$	7.1 $\pm 5.0$	7.7 $\pm 6.0$
	Eos%	%	4.0 $\pm 4.0$	5.0 $\pm 5.0$	5.0 $\pm 5.0$
	Bas%	%	64.6 $\pm 8.0$	73.2 $\pm 8.0$	82.5 $\pm 8.0$
	Neu#	$\times 10^9/L$	1.75 $\pm 0.40$	4.79 $\pm 0.70$	12.35 $\pm 1.40$
	Lym#	$\times 10^9/L$	1.40 $\pm 0.40$	2.55 $\pm 0.70$	3.84 $\pm 1.10$
	Mon#	$\times 10^9/L$	0.26 $\pm 0.14$	0.59 $\pm 0.50$	1.43 $\pm 1.10$
	Eos#	$\times 10^9/L$	0.14 $\pm 0.14$	0.42 $\pm 0.42$	0.93 $\pm 0.93$
	Bas#	$\times 10^9/L$	2.30 $\pm 0.30$	6.11 $\pm 0.70$	15.29 $\pm 1.50$
	<b>RBC</b>	$\times 10^{12}/L$	<b>2.17</b> $\pm 0.18$	<b>4.46</b> $\pm 0.24$	<b>5.36</b> $\pm 0.50$
	<b>HGB</b>	g/L	<b>58</b> $\pm 4$	<b>129</b> $\pm 6$	<b>167</b> $\pm 8$
	HCT	%	17.9 $\pm 2.0$	39.2 $\pm 3.0$	50.9 $\pm 4.0$
	<b>MCV</b>	fL	<b>82.3</b> $\pm 5.0$	<b>87.8</b> $\pm 5.0$	<b>95.1</b> $\pm 6.0$
	MCH	pg	27.0 $\pm 2.5$	29.3 $\pm 2.5$	31.7 $\pm 2.5$
	MCHC	g/L	325 $\pm 30$	332 $\pm 30$	330 $\pm 30$
	RDW-CV	%	18.0 $\pm 3.0$	16.7 $\pm 3.0$	15.7 $\pm 3.0$
	RDW-SD	fL	54.6 $\pm 10.0$	53.7 $\pm 10.0$	54.6 $\pm 12.0$
	<b>PLT</b>	$\times 10^9/L$	<b>47</b> $\pm 20$	<b>247</b> $\pm 40$	<b>521</b> $\pm 60$
MPV	fL	9.6 $\pm 3.0$	9.9 $\pm 3.0$	8.8 $\pm 3.0$	
PDW	fL	9.9 $\pm 3.0$	12.3 $\pm 3.0$	10.0 $\pm 3.0$	
PCT	%	0.046 $\pm 0.046$	0.245 $\pm 0.100$	0.458 $\pm 0.200$	
P-LCR	%	21.5 $\pm 8.0$	26.6 $\pm 8.0$	19.0 $\pm 8.0$	
P-LCC	$\times 10^9/L$	15 $\pm 15$	66 $\pm 25$	99 $\pm 35$	

**【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

Reference Values provided by DYMIND

**CONTROL**

LOT BC0522

2022-04-11

2022-07-10

Applicable Instrument	Parameter	Unit	Low		Normal		High	
DYMIND  D6-CRP DH76CRP (Technical File Version B1.0 to B2.0)	<b>WBC</b>	×10 <sup>9</sup> /L	<b>3.44</b>	±0.50	<b>7.97</b>	±1.00	<b>17.78</b>	±2.50
	Neu%	%	50.8	±9.0	58.3	±8.0	67.8	±7.0
	Lym%	%	39.0	±9.0	30.6	±8.0	19.8	±6.0
	Mon%	%	7.2	±4.0	7.1	±5.0	7.4	±6.0
	Eos%	%	3.0	±3.0	4.0	±4.0	5.0	±5.0
	Bas%	%	63.0	±8.0	71.9	±8.0	46.0	±8.0
	Neu#	×10 <sup>9</sup> /L	1.74	±0.40	4.65	±0.70	12.06	±1.40
	Lym#	×10 <sup>9</sup> /L	1.34	±0.40	2.44	±0.70	3.52	±1.10
	Mon#	×10 <sup>9</sup> /L	0.25	±0.14	0.57	±0.50	1.32	±1.10
	Eos#	×10 <sup>9</sup> /L	0.10	±0.10	0.32	±0.32	0.89	±0.89
	Bas#	×10 <sup>9</sup> /L	2.16	±0.30	5.73	±0.70	8.18	±1.50
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.14</b>	±0.18	<b>4.42</b>	±0.24	<b>5.32</b>	±0.50
	<b>HGB</b>	g/L	<b>59</b>	±4	<b>128</b>	±6	<b>165</b>	±8
	HCT	%	17.8	±2.0	38.8	±3.0	50.8	±4.0
	<b>MCV</b>	fL	<b>83.0</b>	±5.0	<b>87.9</b>	±5.0	<b>95.4</b>	±6.0
	MCH	pg	27.4	±2.5	29.0	±2.5	30.8	±2.5
	MCHC	g/L	329	±30	328	±30	321	±30
	RDW-CV	%	18.5	±3.0	17.1	±3.0	16.2	±3.0
	RDW-SD	fL	55.9	±10.0	54.4	±10.0	55.9	±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>51</b>	±20	<b>245</b>	±40	<b>518</b>	±60
MPV	fL	9.0	±3.0	10.1	±3.0	8.9	±3.0	
PDW	fL	11.6	±3.0	12.8	±3.0	10.4	±3.0	
PCT	%	0.046	±0.046	0.245	±0.100	0.459	±0.200	
P-LCR	%	21.4	±8.0	27.7	±8.0	19.8	±8.0	
P-LCC	×10 <sup>9</sup> /L	15	±15	68	±25	102	±35	

**【NOTE】**

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



Low



Normal



High

# DM-5D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**

LOT BC0522

2022-04-11

2022-07-10

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>3.53</b>	±0.50	<b>8.20</b>	±1.00	<b>17.81</b>	±2.50
	Neu%	%	50.8	±9.0	57.8	±8.0	68.3	±7.0
	Lym%	%	37.7	±9.0	30.1	±8.0	19.7	±6.0
	Mon%	%	7.5	±4.0	7.1	±5.0	7.0	±6.0
	Eos%	%	4.0	±4.0	5.0	±5.0	5.0	±5.0
	Bas%	%	62.3	±8.0	72.2	±8.0	81.2	±8.0
	Neu#	×10 <sup>9</sup> /L	1.79	±0.40	4.74	±0.70	12.16	±1.40
	Lym#	×10 <sup>9</sup> /L	1.33	±0.40	2.47	±0.70	3.51	±1.10
	Mon#	×10 <sup>9</sup> /L	0.26	±0.14	0.58	±0.50	1.25	±1.10
	Eos#	×10 <sup>9</sup> /L	0.14	±0.14	0.41	±0.41	0.89	±0.89
	Bas#	×10 <sup>9</sup> /L	2.20	±0.30	5.92	±0.70	14.46	±1.50
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.20</b>	±0.18	<b>4.53</b>	±0.24	<b>5.42</b>	±0.50
	<b>HGB</b>	g/L	<b>59</b>	±4	<b>129</b>	±6	<b>167</b>	±8
	HCT	%	18.2	±2.0	39.7	±3.0	51.9	±4.0
	<b>MCV</b>	fL	<b>82.9</b>	±5.0	<b>87.8</b>	±5.0	<b>95.7</b>	±6.0
	MCH	pg	26.9	±2.5	28.6	±2.5	30.6	±2.5
	MCHC	g/L	323	±30	324	±30	319	±30
	RDW-CV	%	18.2	±3.0	16.8	±3.0	15.8	±3.0
	RDW-SD	fL	55.5	±10.0	54.4	±10.0	54.9	±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>52</b>	±20	<b>254</b>	±40	<b>533</b>	±60
MPV	fL	9.4	±3.0	10.3	±3.0	9.2	±3.0	
PDW	fL	11.9	±3.0	13.3	±3.0	10.9	±3.0	
PCT	%	0.050	±0.050	0.262	±0.100	0.499	±0.200	
P-LCR	%	24.1	±8.0	29.7	±8.0	21.7	±8.0	
P-LCC	×10 <sup>9</sup> /L	15	±15	76	±25	117	±35	

**【NOTE】**

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



Low



Normal



High

# DM-5D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**

LOT BC0522

2022-04-11

2022-07-10

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>3.36</b>	±0.50	<b>7.99</b>	±1.00	<b>17.81</b>	±2.50
	Neu%	%	49.6	±9.0	55.5	±8.0	62.3	±7.0
	Lym%	%	39.6	±9.0	30.9	±8.0	20.7	±6.0
	Mon%	%	5.0	±4.0	5.0	±5.0	5.2	±5.2
	Eos%	%	5.8	±5.0	8.6	±6.0	11.8	±7.0
	Bas%	%	1.0	±1.0	1.0	±1.0	1.0	±1.0
	Neu#	×10 <sup>9</sup> /L	1.67	±0.40	4.43	±0.70	11.10	±1.40
	Lym#	×10 <sup>9</sup> /L	1.33	±0.40	2.47	±0.70	3.69	±1.10
	Mon#	×10 <sup>9</sup> /L	0.17	±0.14	0.40	±0.40	0.93	±0.93
	Eos#	×10 <sup>9</sup> /L	0.20	±0.15	0.69	±0.50	2.10	±1.30
	Bas#	×10 <sup>9</sup> /L	0.03	±0.03	0.08	±0.08	0.18	±0.18
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.26</b>	±0.18	<b>4.59</b>	±0.24	<b>5.48</b>	±0.50
	<b>HGB</b>	g/L	<b>58</b>	±4	<b>131</b>	±6	<b>175</b>	±8
	HCT	%	19.0	±2.0	41.3	±3.0	54.0	±4.0
	<b>MCV</b>	fL	<b>84.1</b>	±5.0	<b>89.9</b>	±5.0	<b>98.5</b>	±6.0
	MCH	pg	25.7	±2.5	28.6	±2.5	31.9	±2.5
	MCHC	g/L	308	±30	320	±30	325	±30
	RDW-CV	%	14.1	±3.0	13.4	±3.0	12.7	±3.0
	RDW-SD	fL	50.2	±10.0	50.3	±10.0	51.1	±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>61</b>	±20	<b>255</b>	±40	<b>480</b>	±60
MPV	fL	9.1	±3.0	9.7	±3.0	8.7	±3.0	
PDW	fL	10.8	±3.0	14.2	±3.0	11.9	±3.0	
PCT	%	0.055	±0.050	0.246	±0.100	0.417	±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 BC0522

2022-04-11

2022-07-10

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>3.30</b>	±0.50	<b>7.88</b>	±1.00	<b>17.78</b>	±2.50
	Neu%	%	49.8	±9.0	55.9	±8.0	62.9	±7.0
	Lym%	%	39.1	±9.0	30.5	±8.0	20.1	±6.0
	Mon%	%	5.2	±4.0	5.0	±5.0	5.2	±5.2
	Eos%	%	5.9	±5.0	8.6	±6.0	11.8	±7.0
	Bas%	%	1.5	±1.5	1.5	±1.5	2.0	±2.0
	Neu#	×10 <sup>9</sup> /L	1.64	±0.40	4.41	±0.70	11.18	±1.40
	Lym#	×10 <sup>9</sup> /L	1.29	±0.40	2.40	±0.70	3.57	±1.10
	Mon#	×10 <sup>9</sup> /L	0.17	±0.14	0.39	±0.39	0.92	±0.91
	Eos#	×10 <sup>9</sup> /L	0.19	±0.15	0.68	±0.50	2.10	±1.30
	Bas#	×10 <sup>9</sup> /L	0.05	±0.05	0.12	±0.12	0.36	±0.35
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.16</b>	±0.18	<b>4.45</b>	±0.24	<b>5.35</b>	±0.50
	<b>HGB</b>	g/L	<b>58</b>	±4	<b>129</b>	±6	<b>169</b>	±8
	HCT	%	18.0	±2.0	40.3	±3.0	52.2	±4.0
	<b>MCV</b>	fL	<b>83.6</b>	±5.0	<b>90.6</b>	±5.0	<b>97.6</b>	±6.0
	MCH	pg	26.9	±2.5	28.9	±2.5	31.5	±2.5
	MCHC	g/L	322	±30	319	±30	323	±30
	RDW-CV	%	15.6	±3.0	14.4	±3.0	13.9	±3.0
	RDW-SD	fL	54.3	±10.0	53.8	±10.0	55.1	±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>53</b>	±20	<b>256</b>	±40	<b>472</b>	±60
MPV	fL	9.3	±3.0	9.6	±3.0	8.9	±3.0	
PDW	fL	10.9	±3.0	14.3	±3.0	12.2	±3.0	
PCT	%	0.053	±0.050	0.247	±0.100	0.445	±0.200	
P-LCR	%	22.6	±8.0	34.4	±8.0	28.7	±8.0	
P-LCC	×10 <sup>9</sup> /L	15	±15	89	±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 BC0522

2022-04-11

2022-07-10

Applicable Instrument	Parameter	Unit	Low		Normal		High	
<b>DYMIND</b>  DF1-CRP DF3-CRP DF5-CRP DF50CRP DF52CRP DF53CRP (Technical File Version A6.0 )	<b>WBC</b>	×10 <sup>9</sup> /L	<b>3.36</b>	±0.50	<b>8.16</b>	±1.00	<b>18.46</b>	±2.50
	Neu%	%	49.6	±9.0	55.7	±8.0	62.3	±7.0
	Lym%	%	39.7	±9.0	30.4	±8.0	20.1	±6.0
	Mon%	%	5.1	±4.0	5.2	±5.0	5.7	±5.7
	Eos%	%	5.6	±5.0	8.7	±6.0	11.9	±7.0
	Bas%	%	1.5	±1.5	1.5	±1.5	1.5	±1.5
	Neu#	×10 <sup>9</sup> /L	1.67	±0.40	4.54	±0.70	11.50	±1.40
	Lym#	×10 <sup>9</sup> /L	1.34	±0.40	2.48	±0.70	3.71	±1.10
	Mon#	×10 <sup>9</sup> /L	0.17	±0.14	0.42	±0.42	1.05	±1.05
	Eos#	×10 <sup>9</sup> /L	0.19	±0.15	0.71	±0.50	2.20	±1.30
	Bas#	×10 <sup>9</sup> /L	0.05	±0.05	0.12	±0.12	0.28	±0.28
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.15</b>	±0.18	<b>4.43</b>	±0.24	<b>5.26</b>	±0.50
	<b>HGB</b>	g/L	<b>58</b>	±4	<b>130</b>	±6	<b>170</b>	±8
	HCT	%	17.8	±2.0	38.7	±3.0	49.6	±4.0
	<b>MCV</b>	fL	<b>83.1</b>	±5.0	<b>87.4</b>	±5.0	<b>94.1</b>	±6.0
	MCH	pg	27.0	±2.5	29.3	±2.5	32.2	±2.5
	MCHC	g/L	326	±30	336	±30	342	±30
	RDW-CV	%	15.8	±3.0	14.8	±3.0	14.2	±3.0
	RDW-SD	fL	55.7	±10.0	55.6	±10.0	57.4	±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>55</b>	±20	<b>249</b>	±40	<b>482</b>	±60
MPV	fL	9.0	±3.0	9.6	±3.0	8.8	±3.0	
PDW	fL	10.3	±3.0	13.7	±3.0	11.7	±3.0	
PCT	%	0.052	±0.050	0.244	±0.100	0.437	±0.200	
P-LCR	%	26.0	±8.0	34.9	±8.0	27.9	±8.0	
P-LCC	×10 <sup>9</sup> /L	15	±15	89	±25	139	±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 BC0522

2022-04-11

2022-07-10

Applicable Instrument	Parameter	Unit	Low		Normal		High	
DYMIND  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>3.39</b>	±0.50	<b>8.27</b>	±1.00	<b>18.45</b>	±2.50
	Neu%	%	49.4	±9.0	55.3	±8.0	62.2	±7.0
	Lym%	%	39.6	±9.0	30.8	±8.0	20.5	±6.0
	Mon%	%	5.5	±4.0	5.3	±5.0	5.7	±5.7
	Eos%	%	5.5	±5.0	8.6	±6.0	11.6	±7.0
	Bas%	%	1.0	±1.0	1.0	±1.0	1.0	±1.0
	Neu#	×10 <sup>9</sup> /L	1.68	±0.40	4.57	±0.70	11.47	±1.40
	Lym#	×10 <sup>9</sup> /L	1.34	±0.40	2.55	±0.70	3.78	±1.10
	Mon#	×10 <sup>9</sup> /L	0.19	±0.14	0.44	±0.44	1.05	±1.05
	Eos#	×10 <sup>9</sup> /L	0.19	±0.15	0.71	±0.50	2.14	±1.30
	Bas#	×10 <sup>9</sup> /L	0.03	±0.03	0.08	±0.08	0.18	±0.18
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.16</b>	±0.18	<b>4.45</b>	±0.24	<b>5.28</b>	±0.50
	<b>HGB</b>	g/L	<b>58</b>	±4	<b>129</b>	±6	<b>170</b>	±8
	HCT	%	18.0	±2.0	38.9	±3.0	50.0	±4.0
	<b>MCV</b>	fL	<b>83.5</b>	±5.0	<b>87.5</b>	±5.0	<b>94.6</b>	±6.0
	MCH	pg	26.9	±2.5	29.3	±2.5	32.2	±2.5
	MCHC	g/L	323	±30	334	±30	340	±30
	RDW-CV	%	15.4	±3.0	14.5	±3.0	13.8	±3.0
	RDW-SD	fL	54.5	±10.0	54.2	±10.0	55.4	±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>46</b>	±20	<b>249</b>	±40	<b>530</b>	±60
MPV	fL	9.3	±3.0	9.6	±3.0	8.7	±3.0	
PDW	fL	10.3	±3.0	13.5	±3.0	11.5	±3.0	
PCT	%	0.043	±0.043	0.240	±0.100	0.461	±0.200	
P-LCR	%	27.8	±8.0	34.8	±8.0	27.3	±8.0	
P-LCC	×10 <sup>9</sup> /L	15	±15	87	±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 BC0522

2022-04-11

2022-07-10

Applicable Instrument	Parameter	Unit	Low		Normal		High	
<b>DYMIND</b>  DM71X DM72X DM78X DM79X (Technical File Version A1.0 or higher)	<b>WBC</b>	$\times 10^9/L$	<b>3.52</b>	$\pm 0.50$	<b>8.19</b>	$\pm 1.00$	<b>18.01</b>	$\pm 2.50$
	Neu%	%	51.3	$\pm 9.0$	58.9	$\pm 8.0$	66.1	$\pm 7.0$
	Lym%	%	38.5	$\pm 9.0$	29.7	$\pm 8.0$	19.3	$\pm 6.0$
	Mon%	%	7.2	$\pm 4.0$	7.4	$\pm 5.0$	7.6	$\pm 6.0$
	Eos%	%	3.0	$\pm 3.0$	4.0	$\pm 4.0$	7.0	$\pm 7.0$
	Bas%	%	63.1	$\pm 8.0$	70.9	$\pm 8.0$	81.3	$\pm 8.0$
	Neu#	$\times 10^9/L$	1.81	$\pm 0.40$	4.83	$\pm 0.70$	11.90	$\pm 1.40$
	Lym#	$\times 10^9/L$	1.36	$\pm 0.40$	2.43	$\pm 0.70$	3.48	$\pm 1.10$
	Mon#	$\times 10^9/L$	0.25	$\pm 0.14$	0.61	$\pm 0.50$	1.37	$\pm 1.10$
	Eos#	$\times 10^9/L$	0.11	$\pm 0.11$	0.33	$\pm 0.33$	1.26	$\pm 1.26$
	Bas#	$\times 10^9/L$	2.22	$\pm 0.30$	5.81	$\pm 0.70$	14.64	$\pm 1.50$
	<b>RBC</b>	$\times 10^{12}/L$	<b>2.18</b>	$\pm 0.18$	<b>4.50</b>	$\pm 0.24$	<b>5.42</b>	$\pm 0.50$
	<b>HGB</b>	g/L	<b>60</b>	$\pm 4$	<b>131</b>	$\pm 6$	<b>169</b>	$\pm 8$
	HCT	%	18.0	$\pm 2.0$	39.7	$\pm 3.0$	52.1	$\pm 4.0$
	<b>MCV</b>	fL	<b>82.5</b>	$\pm 5.0$	<b>88.1</b>	$\pm 5.0$	<b>96.1</b>	$\pm 6.0$
	MCH	pg	27.5	$\pm 2.5$	29.0	$\pm 2.5$	31.0	$\pm 2.5$
	MCHC	g/L	334	$\pm 30$	328	$\pm 30$	321	$\pm 30$
	RDW-CV	%	18.1	$\pm 3.0$	16.7	$\pm 3.0$	15.7	$\pm 3.0$
	RDW-SD	fL	54.8	$\pm 10.0$	53.5	$\pm 10.0$	54.3	$\pm 12.0$
	<b>PLT</b>	$\times 10^9/L$	<b>51</b>	$\pm 20$	<b>248</b>	$\pm 40$	<b>530</b>	$\pm 60$
MPV	fL	9.5	$\pm 3.0$	10.5	$\pm 3.0$	9.4	$\pm 3.0$	
PDW	fL	12.0	$\pm 3.0$	13.6	$\pm 3.0$	11.2	$\pm 3.0$	
PCT	%	0.049	$\pm 0.049$	0.269	$\pm 0.100$	0.506	$\pm 0.200$	
P-LCR	%	24.7	$\pm 8.0$	30.7	$\pm 8.0$	22.6	$\pm 8.0$	
P-LCC	$\times 10^9/L$	15	$\pm 15$	79	$\pm 25$	122	$\pm 35$	

**【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

Reference Values provided by DYMIND

**CONTROL**

LOT BC0522

2022-04-11

2022-07-10

Applicable Instrument	Parameter	Unit	Low		Normal		High	
DYMIND  UN71 Vet UN73 Vet (Technical File Version A1.0 or higher)	<b>WBC</b>	×10 <sup>9</sup> /L	<b>3.43</b>	±0.50	<b>8.29</b>	±1.00	<b>18.12</b>	±2.50
	Neu%	%	50.3	±9.0	57.3	±8.0	66.1	±7.0
	Lym%	%	38.1	±9.0	30.7	±8.0	21.5	±6.0
	Mon%	%	6.6	±4.0	7.0	±5.0	7.4	±6.0
	Eos%	%	4.0	±4.0	4.0	±4.0	4.0	±4.0
	Bas%	%	1.0	±1.0	1.0	±1.0	1.0	±1.0
	Neu#	×10 <sup>9</sup> /L	1.72	±0.40	4.75	±0.70	11.97	±1.40
	Lym#	×10 <sup>9</sup> /L	1.31	±0.40	2.55	±0.70	3.89	±1.10
	Mon#	×10 <sup>9</sup> /L	0.23	±0.14	0.58	±0.50	1.34	±1.10
	Eos#	×10 <sup>9</sup> /L	0.14	±0.14	0.33	±0.33	0.72	±0.72
	Bas#	×10 <sup>9</sup> /L	0.03	±0.03	0.08	±0.08	0.18	±0.18
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.18</b>	±0.18	<b>4.50</b>	±0.24	<b>5.32</b>	±0.50
	<b>HGB</b>	g/L	<b>60</b>	±4	<b>129</b>	±6	<b>166</b>	±8
	HCT	%	18.1	±2.0	40.1	±3.0	51.7	±4.0
	<b>MCV</b>	fL	<b>83.0</b>	±5.0	<b>89.1</b>	±5.0	<b>97.2</b>	±6.0
	MCH	pg	27.5	±2.5	28.9	±2.5	31.2	±2.5
	MCHC	g/L	331	±30	325	±30	321	±30
	RDW-CV	%	18.5	±3.0	17.1	±3.0	16.0	±3.0
	RDW-SD	fL	48.8	±10.0	47.7	±10.0	48.2	±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>44</b>	±20	<b>241</b>	±40	<b>479</b>	±60
MPV	fL	9.6	±3.0	9.5	±3.0	8.6	±3.0	
PDW	fL	9.0	±3.0	11.6	±3.0	9.5	±3.0	
PCT	%	0.044	±0.044	0.241	±0.100	0.435	±0.200	
P-LCR	%	19.4	±8.0	24.5	±8.0	18.2	±8.0	
P-LCC	×10 <sup>9</sup> /L	15	±15	62	±25	92	±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