

# DM-5D

## HEMATOLOGY CONTROL

Assay values and ranges provided by DYMIND

**CONTROL**

LOT BC0122

2021-12-11

2022-03-10

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>3.47</b>	±0.50	<b>7.83</b>	±1.00	<b>17.93</b>	±2.50
	Neu%	%	48.7	±9.0	57.5	±8.0	64.6	±7.0
	Lym%	%	40.3	±9.0	29.2	±8.0	20.8	±6.0
	Mon%	%	6.2	±4.0	6.6	±5.0	6.5	±6.0
	Eos%	%	4.8	±4.8	6.7	±6.0	8.1	±7.0
	Bas%	%	61.1	±8.0	70.5	±8.0	77.9	±8.0
	Neu#	×10 <sup>9</sup> /L	1.69	±0.40	4.50	±0.70	11.58	±1.40
	Lym#	×10 <sup>9</sup> /L	1.40	±0.40	2.29	±0.70	3.73	±1.10
	Mon#	×10 <sup>9</sup> /L	0.22	±0.14	0.52	±0.50	1.17	±1.10
	Eos#	×10 <sup>9</sup> /L	0.17	±0.15	0.52	±0.50	1.45	±1.30
	Bas#	×10 <sup>9</sup> /L	2.12	±0.30	5.52	±0.70	13.96	±1.50
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.36</b>	±0.18	<b>4.52</b>	±0.24	<b>5.22</b>	±0.50
	<b>HGB</b>	g/L	<b>59</b>	±4	<b>130</b>	±6	<b>163</b>	±8
	HCT	%	18.5	±2.0	40.1	±3.0	49.7	±4.0
	<b>MCV</b>	fL	<b>78.4</b>	±5.0	<b>88.7</b>	±5.0	<b>95.2</b>	±6.0
	MCH	pg	24.8	±2.5	28.8	±2.5	31.1	±2.5
	MCHC	g/L	317	±30	325	±30	327	±30
	RDW-CV	%	18.4	±3.0	16.7	±3.0	15.9	±3.0
	RDW-SD	fL	52.2	±10.0	53.1	±10.0	54.3	±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>47</b>	±20	<b>256</b>	±40	<b>532</b>	±60
	MPV	fL	9.9	±3.0	9.4	±3.0	9.3	±3.0
	PDW	/	10.0	±3.0	10.1	±3.0	10.1	±3.0
	PDW	fL	10.6	±3.0	11.1	±3.0	10.9	±3.0
	PCT	%	0.046	±0.046	0.241	±0.100	0.495	±0.200
	P-LCR	%	23.4	±8.0	22.6	±8.0	22.0	±8.0
	P-LCC	×10 <sup>9</sup> /L	11	±11	58	±25	117	±35

**【NOTE】**

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

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Instrument	Parameter	Unit	Low		Normal		High	
DYMIND  D1-CRP, D3-CRP, D5-CRP, DH51CRP, DH53CRP, DH56CRP, (Technical File Version A11.11)	<b>WBC</b>	×10 <sup>9</sup> /L	<b>3.61</b>	±0.50	<b>8.48</b>	±1.00	<b>19.57</b>	±2.50
	Neu%	%	48.8	±9.0	57.4	±8.0	64.6	±7.0
	Lym%	%	40.6	±9.0	29.8	±8.0	20.7	±6.0
	Mon%	%	4.9	±4.0	4.7	±4.7	4.7	±4.7
	Eos%	%	5.7	±5.0	8.1	±6.0	10.0	±7.0
	Bas%	%	61.5	±8.0	70.9	±8.0	78.3	±8.0
	Neu#	×10 <sup>9</sup> /L	1.76	±0.40	4.87	±0.70	12.64	±1.40
	Lym#	×10 <sup>9</sup> /L	1.47	±0.40	2.53	±0.70	4.05	±1.10
	Mon#	×10 <sup>9</sup> /L	0.18	±0.14	0.40	±0.40	0.92	±0.92
	Eos#	×10 <sup>9</sup> /L	0.21	±0.15	0.69	±0.50	1.96	±1.30
	Bas#	×10 <sup>9</sup> /L	2.22	±0.30	6.02	±0.70	15.32	±1.50
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.36</b>	±0.18	<b>4.56</b>	±0.24	<b>5.27</b>	±0.50
	<b>HGB</b>	g/L	<b>58</b>	±4	<b>131</b>	±6	<b>164</b>	±8
	HCT	%	18.0	±2.0	39.0	±3.0	48.5	±4.0
	<b>MCV</b>	fL	<b>76.1</b>	±5.0	<b>85.5</b>	±5.0	<b>91.9</b>	±6.0
	MCH	pg	24.7	±2.5	28.7	±2.5	31.1	±2.5
	MCHC	g/L	324	±30	335	±30	338	±30
	RDW-CV	%	18.1	±3.0	16.4	±3.0	15.6	±3.0
	RDW-SD	fL	51.5	±10.0	52.2	±10.0	53.3	±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>50</b>	±20	<b>256</b>	±40	<b>529</b>	±60
	MPV	fL	9.9	±3.0	9.4	±3.0	9.3	±3.0
	PDW	fL	10.2	±3.0	10.9	±3.0	11.1	±3.0
	PCT	%	0.049	±0.049	0.240	±0.100	0.492	±0.200
P-LCR	%	24.2	±8.0	22.7	±8.0	22.1	±8.0	
P-LCC	×10 <sup>9</sup> /L	12	±12	58	±25	117	±35	

**【NOTE】**

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

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Instrument	Parameter	Unit	Low		Normal		High	
DYMIND  D1-CRP, D3-CRP, D5-CRP, DH51CRP, DH53CRP, DH56CRP, (Technical File Version A11.12 or higher)	<b>WBC</b>	×10 <sup>9</sup> /L	<b>3.74</b>	±0.50	<b>8.77</b>	±1.00	<b>20.07</b>	±2.50
	Neu%	%	47.8	±9.0	56.8	±8.0	64.5	±7.0
	Lym%	%	41.0	±9.0	30.3	±8.0	21.2	±6.0
	Mon%	%	6.4	±4.0	6.4	±5.0	6.1	±6.0
	Eos%	%	4.8	±4.8	6.5	±6.0	8.2	±7.0
	Bas%	%	61.7	±8.0	71.1	±8.0	78.4	±8.0
	Neu#	×10 <sup>9</sup> /L	1.79	±0.40	4.98	±0.70	12.94	±1.40
	Lym#	×10 <sup>9</sup> /L	1.54	±0.40	2.66	±0.70	4.25	±1.10
	Mon#	×10 <sup>9</sup> /L	0.24	±0.14	0.56	±0.50	1.22	±1.10
	Eos#	×10 <sup>9</sup> /L	0.18	±0.15	0.57	±0.50	1.65	±1.30
	Bas#	×10 <sup>9</sup> /L	2.31	±0.30	6.24	±0.70	15.73	±1.50
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.37</b>	±0.18	<b>4.55</b>	±0.24	<b>5.20</b>	±0.50
	<b>HGB</b>	g/L	<b>59</b>	±4	<b>131</b>	±6	<b>164</b>	±8
	HCT	%	17.9	±2.0	38.6	±3.0	47.8	±4.0
	<b>MCV</b>	fL	<b>75.3</b>	±5.0	<b>84.8</b>	±5.0	<b>92.0</b>	±6.0
	MCH	pg	24.7	±2.5	28.8	±2.5	31.6	±2.5
	MCHC	g/L	327	±30	340	±30	343	±30
	RDW-CV	%	18.1	±3.0	16.3	±3.0	15.0	±3.0
	RDW-SD	fL	50.8	±10.0	51.1	±10.0	51.1	±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>47</b>	±20	<b>244</b>	±40	<b>505</b>	±60
	MPV	fL	9.8	±3.0	9.2	±3.0	9.1	±3.0
	PDW	fL	10.3	±3.0	10.6	±3.0	10.3	±3.0
	PCT	%	0.046	±0.046	0.225	±0.100	0.460	±0.200
P-LCR	%	23.5	±8.0	22.5	±8.0	21.4	±8.0	
P-LCC	×10 <sup>9</sup> /L	11	±11	55	±25	108	±35	

**【NOTE】**

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

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Instrument	Parameter	Unit	Low		Normal		High	
<b>DYMIND</b>  UN73, UN71, UN76, DH73, (Technical File Version A2.0 to A5.3)	<b>WBC</b>	×10 <sup>9</sup> /L	<b>3.63</b>	±0.50	<b>8.24</b>	±1.00	<b>18.99</b>	±2.50
	Neu%	%	48.4	±9.0	56.3	±8.0	63.9	±7.0
	Lym%	%	38.8	±9.0	28.3	±8.0	20.0	±6.0
	Mon%	%	7.1	±4.0	7.3	±5.0	6.9	±6.0
	Eos%	%	5.7	±5.0	8.1	±6.0	9.2	±7.0
	Bas%	%	0.1	±0.1	0.1	±0.1	0.1	±0.1
	Neu#	×10 <sup>9</sup> /L	1.76	±0.40	4.64	±0.70	12.13	±1.40
	Lym#	×10 <sup>9</sup> /L	1.41	±0.40	2.33	±0.70	3.80	±1.10
	Mon#	×10 <sup>9</sup> /L	0.26	±0.14	0.60	±0.50	1.31	±1.10
	Eos#	×10 <sup>9</sup> /L	0.21	±0.15	0.67	±0.50	1.75	±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>2.38</b>	±0.18	<b>4.56</b>	±0.24	<b>5.27</b>	±0.50
	<b>HGB</b>	g/L	<b>62</b>	±4	<b>136</b>	±6	<b>169</b>	±8
	HCT	%	19.1	±2.0	41.5	±3.0	51.6	±4.0
	<b>MCV</b>	fL	<b>80.2</b>	±5.0	<b>91.1</b>	±5.0	<b>97.9</b>	±6.0
	MCH	pg	25.9	±2.5	29.7	±2.5	32.1	±2.5
	MCHC	g/L	323	±30	327	±30	328	±30
	RDW-CV	%	18.4	±3.0	16.6	±3.0	15.7	±3.0
	RDW-SD	fL	52.2	±10.0	52.9	±10.0	53.7	±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>56</b>	±20	<b>252</b>	±40	<b>511</b>	±60
	MPV	fL	9.5	±3.0	9.6	±3.0	9.4	±3.0
	PDW	fL	10.1	±3.0	10.2	±3.0	10.2	±3.0
	PCT	%	0.053	±0.050	0.242	±0.100	0.480	±0.200
P-LCR	%	24.9	±8.0	23.8	±8.0	22.9	±8.0	
P-LCC	×10 <sup>9</sup> /L	14	±14	60	±25	117	±35	

**【NOTE】**

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

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Instrument	Parameter	Unit	Low	Normal	High
DYMIND  UN73, UN71, UN76, DH73,  Technical File Version A5.5 to A6.2)	<b>WBC</b>	×10 <sup>9</sup> /L	<b>3.60</b> ±0.50	<b>8.08</b> ±1.00	<b>18.26</b> ±2.50
	Neu%	%	48.3 ±9.0	57.4 ±8.0	64.8 ±7.0
	Lym%	%	40.5 ±9.0	30.1 ±8.0	21.2 ±6.0
	Mon%	%	6.2 ±4.0	6.2 ±5.0	5.9 ±5.9
	Eos%	%	5.0 ±5.0	6.3 ±6.0	8.1 ±7.0
	Bas%	%	0.6 ±0.6	0.7 ±0.7	0.8 ±0.8
	Neu#	×10 <sup>9</sup> /L	1.74 ±0.40	4.64 ±0.70	11.83 ±1.40
	Lym#	×10 <sup>9</sup> /L	1.46 ±0.40	2.43 ±0.70	3.87 ±1.10
	Mon#	×10 <sup>9</sup> /L	0.22 ±0.14	0.50 ±0.50	1.08 ±1.08
	Eos#	×10 <sup>9</sup> /L	0.18 ±0.15	0.51 ±0.50	1.48 ±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>2.35</b> ±0.18	<b>4.44</b> ±0.24	<b>5.08</b> ±0.50
	<b>HGB</b>	g/L	<b>61</b> ±4	<b>133</b> ±6	<b>165</b> ±8
	HCT	%	18.1 ±2.0	38.8 ±3.0	47.8 ±4.0
	<b>MCV</b>	fL	<b>76.9</b> ±5.0	<b>87.3</b> ±5.0	<b>94.0</b> ±6.0
	MCH	pg	25.8 ±2.5	29.9 ±2.5	32.6 ±2.5
	MCHC	g/L	335 ±30	343 ±30	346 ±30
	RDW-CV	%	18.8 ±3.0	17.0 ±3.0	16.2 ±3.0
	RDW-SD	fL	54.9 ±10.0	55.7 ±10.0	57.2 ±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>53</b> ±20	<b>243</b> ±40	<b>487</b> ±60
MPV	fL	9.0 ±3.0	9.3 ±3.0	9.2 ±3.0	
PDW	fL	11.1 ±3.0	10.7 ±3.0	10.7 ±3.0	
PCT	%	0.048 ±0.048	0.226 ±0.100	0.448 ±0.200	
P-LCR	%	20.6 ±8.0	21.8 ±8.0	21.0 ±8.0	
P-LCC	×10 <sup>9</sup> /L	11 ±11	53 ±25	102 ±35	

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



Low



Normal



High

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<b>DYMIND</b>  UN73, UN71, UN76, DH73, (Technical File Version A6.3 or higher)	<b>WBC</b>	×10 <sup>9</sup> /L	<b>3.54</b> ±0.50	<b>7.92</b> ±1.00	<b>18.46</b> ±2.50
	Neu%	%	47.3 ±9.0	57.2 ±8.0	64.3 ±7.0
	Lym%	%	41.2 ±9.0	30.2 ±8.0	21.5 ±6.0
	Mon%	%	6.5 ±4.0	6.0 ±5.0	6.1 ±6.0
	Eos%	%	5.0 ±5.0	6.6 ±6.0	8.1 ±7.0
	Bas%	%	0.7 ±0.7	0.7 ±0.7	0.8 ±0.8
	Neu#	×10 <sup>9</sup> /L	1.68 ±0.40	4.53 ±0.70	11.87 ±1.40
	Lym#	×10 <sup>9</sup> /L	1.46 ±0.40	2.39 ±0.70	3.97 ±1.10
	Mon#	×10 <sup>9</sup> /L	0.23 ±0.14	0.48 ±0.48	1.13 ±1.10
	Eos#	×10 <sup>9</sup> /L	0.18 ±0.15	0.52 ±0.50	1.50 ±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>2.46</b> ±0.18	<b>4.60</b> ±0.24	<b>5.27</b> ±0.50
	<b>HGB</b>	g/L	<b>62</b> ±4	<b>135</b> ±6	<b>167</b> ±8
	HCT	%	18.6 ±2.0	39.6 ±3.0	49.0 ±4.0
	<b>MCV</b>	fL	<b>75.6</b> ±5.0	<b>86.2</b> ±5.0	<b>93.0</b> ±6.0
	MCH	pg	25.0 ±2.5	29.4 ±2.5	31.7 ±2.5
	MCHC	g/L	331 ±30	341 ±30	341 ±30
	RDW-CV	%	18.1 ±3.0	16.2 ±3.0	15.4 ±3.0
	RDW-SD	fL	53.0 ±10.0	53.2 ±10.0	54.1 ±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>55</b> ±20	<b>249</b> ±40	<b>496</b> ±60
MPV	fL	9.3 ±3.0	9.3 ±3.0	9.1 ±3.0	
PDW	fL	11.7 ±3.0	10.8 ±3.0	10.6 ±3.0	
PCT	%	0.051 ±0.050	0.231 ±0.100	0.451 ±0.200	
P-LCR	%	23.5 ±8.0	22.1 ±8.0	21.0 ±8.0	
P-LCC	×10 <sup>9</sup> /L	13 ±13	55 ±25	104 ±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.
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Low



Normal



High

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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>2.44</b>	±0.18	<b>4.60</b>	±0.24	<b>5.27</b>	±0.50
	<b>HGB</b>	g/L	<b>60</b>	±4	<b>134</b>	±6	<b>168</b>	±8
	HCT	%	19.4	±2.0	41.7	±3.0	51.6	±4.0
	<b>MCV</b>	fL	<b>79.8</b>	±5.0	<b>90.7</b>	±5.0	<b>98.0</b>	±6.0
	MCH	pg	24.8	±2.5	29.0	±2.5	32.0	±2.5
	MCHC	g/L	312	±30	321	±30	326	±30
	RDW-CV	%	18.1	±3.0	16.2	±3.0	15.2	±3.0
	RDW-SD	fL	51.6	±10.0	51.9	±10.0	52.5	±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>61</b>	±20	<b>251</b>	±40	<b>502</b>	±60
	MPV	fL	9.3	±3.0	9.4	±3.0	9.2	±3.0
	PDW	fL	11.7	±3.0	11.0	±3.0	10.7	±3.0
	PCT	%	0.056	±0.050	0.236	±0.100	0.462	±0.200
	P-LCR	%	24.8	±8.0	23.1	±8.0	21.7	±8.0
P-LCC	×10 <sup>9</sup> /L	15	±15	58	±25	109	±35	

**【NOTE】**

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

# DM-5D

## HEMATOLOGY CONTROL

Assay values and ranges provided by DYMIND

**CONTROL**

LOT BC0122

2021-12-11

2022-03-10

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>3.55</b>	±0.50	<b>8.05</b>	±1.00	<b>18.30</b>	±2.50
	Neu%	%	47.9	±9.0	54.4	±8.0	62.7	±7.0
	Lym%	%	39.9	±9.0	30.4	±8.0	22.4	±6.0
	Mon%	%	5.2	±4.0	5.2	±5.0	5.2	±5.2
	Eos%	%	7.0	±5.0	10.0	±6.0	9.7	±7.0
	Bas%	%	1.4	±1.4	1.1	±1.1	0.9	±0.9
	Neu#	×10 <sup>9</sup> /L	1.70	±0.40	4.38	±0.70	11.48	±1.40
	Lym#	×10 <sup>9</sup> /L	1.42	±0.40	2.45	±0.70	4.10	±1.10
	Mon#	×10 <sup>9</sup> /L	0.18	±0.14	0.42	±0.42	0.95	±0.95
	Eos#	×10 <sup>9</sup> /L	0.25	±0.15	0.81	±0.50	1.78	±1.30
	Bas#	×10 <sup>9</sup> /L	0.05	±0.05	0.09	±0.09	0.16	±0.16
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.41</b>	±0.18	<b>4.64</b>	±0.24	<b>5.25</b>	±0.50
	<b>HGB</b>	g/L	<b>60</b>	±4	<b>133</b>	±6	<b>166</b>	±8
	HCT	%	18.3	±2.0	40.4	±3.0	49.1	±4.0
	<b>MCV</b>	fL	<b>76.8</b>	±5.0	<b>87.7</b>	±5.0	<b>94.2</b>	±6.0
	MCH	pg	25.0	±2.5	28.7	±2.5	31.6	±2.5
	MCHC	g/L	328	±30	329	±30	337	±30
	RDW-CV	%	15.4	±3.0	14.3	±3.0	14.0	±3.0
	RDW-SD	fL	48.9	±10.0	51.0	±10.0	53.2	±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>62</b>	±20	<b>259</b>	±40	<b>491</b>	±60
MPV	fL	9.1	±3.0	9.2	±3.0	9.2	±3.0	
PDW	fL	14.5	±3.0	16.1	±3.0	16.2	±3.0	
PCT	%	0.056	±0.050	0.238	±0.100	0.452	±0.200	
P-LCR	%	29.3	±8.0	30.9	±8.0	30.6	±8.0	
P-LCC	×10 <sup>9</sup> /L	18	±15	80	±25	150	±35	

**【NOTE】**

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

# DM-5D

## HEMATOLOGY CONTROL

Assay values and ranges provided by DYMIND

**CONTROL**

LOT BC0122

2021-12-11

2022-03-10

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>3.54</b>	±0.50	<b>8.04</b>	±1.00	<b>18.48</b>	±2.50
	Neu%	%	47.6	±9.0	54.9	±8.0	61.4	±7.0
	Lym%	%	39.9	±9.0	30.2	±8.0	22.4	±6.0
	Mon%	%	5.7	±4.0	5.4	±5.0	5.2	±5.2
	Eos%	%	6.8	±5.0	9.5	±6.0	11.0	±7.0
	Bas%	%	1.4	±1.4	1.2	±1.2	0.9	±1.0
	Neu#	×10 <sup>9</sup> /L	1.69	±0.40	4.41	±0.70	11.35	±1.40
	Lym#	×10 <sup>9</sup> /L	1.41	±0.40	2.43	±0.70	4.14	±1.10
	Mon#	×10 <sup>9</sup> /L	0.20	±0.14	0.43	±0.43	0.96	±0.96
	Eos#	×10 <sup>9</sup> /L	0.24	±0.15	0.76	±0.50	2.03	±1.30
	Bas#	×10 <sup>9</sup> /L	0.05	±0.05	0.10	±0.10	0.17	±0.17
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.45</b>	±0.18	<b>4.66</b>	±0.24	<b>5.34</b>	±0.50
	<b>HGB</b>	g/L	<b>59</b>	±4	<b>132</b>	±6	<b>167</b>	±8
	HCT	%	19.2	±2.0	41.0	±3.0	50.1	±4.0
	<b>MCV</b>	fL	<b>78.1</b>	±5.0	<b>87.9</b>	±5.0	<b>93.9</b>	±6.0
	MCH	pg	24.2	±2.5	28.3	±2.5	31.4	±2.5
	MCHC	g/L	310	±30	322	±30	334	±30
	RDW-CV	%	15.0	±3.0	13.8	±3.0	13.3	±3.0
	RDW-SD	fL	49.5	±10.0	50.8	±10.0	52.2	±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>58</b>	±20	<b>258</b>	±40	<b>498</b>	±60
	MPV	fL	9.7	±3.0	9.6	±3.0	9.6	±3.0
	PDW	fL	12.2	±3.0	12.9	±3.0	12.8	±3.0
	PCT	%	0.057	±0.050	0.247	±0.100	0.478	±0.200
P-LCR	%	32.5	±8.0	33.4	±8.0	33.0	±8.0	
P-LCC	×10 <sup>9</sup> /L	19	±15	86	±25	164	±35	

**【NOTE】**

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

# DM-5D

## HEMATOLOGY CONTROL

Assay values and ranges provided by DYMIND

**CONTROL**

LOT BC0122

2021-12-11

2022-03-10

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>3.56</b>	±0.50	<b>8.16</b>	±1.00	<b>18.66</b>	±2.50
	Neu%	%	47.2	±9.0	56.5	±8.0	62.7	±7.0
	Lym%	%	40.0	±9.0	29.4	±8.0	21.8	±6.0
	Mon%	%	6.4	±4.0	5.8	±5.0	5.4	±5.4
	Eos%	%	6.4	±5.0	8.3	±6.0	10.1	±7.0
	Bas%	%	1.1	±1.1	0.9	±0.9	0.9	±0.9
	Neu#	×10 <sup>9</sup> /L	1.68	±0.40	4.61	±0.70	11.70	±1.40
	Lym#	×10 <sup>9</sup> /L	1.42	±0.40	2.40	±0.70	4.07	±1.10
	Mon#	×10 <sup>9</sup> /L	0.23	±0.14	0.47	±0.47	1.01	±1.01
	Eos#	×10 <sup>9</sup> /L	0.23	±0.15	0.68	±0.50	1.89	±1.30
	Bas#	×10 <sup>9</sup> /L	0.04	±0.04	0.07	±0.07	0.17	±0.17
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.44</b>	±0.18	<b>4.65</b>	±0.24	<b>5.31</b>	±0.50
	<b>HGB</b>	g/L	<b>59</b>	±4	<b>132</b>	±6	<b>167</b>	±8
	HCT	%	18.9	±2.0	39.8	±3.0	48.3	±4.0
	<b>MCV</b>	fL	<b>77.3</b>	±5.0	<b>85.5</b>	±5.0	<b>91.0</b>	±6.0
	MCH	pg	24.3	±2.5	28.3	±2.5	31.4	±2.5
	MCHC	g/L	314	±30	330	±30	346	±30
	RDW-CV	%	15.5	±3.0	14.4	±3.0	14.0	±3.0
	RDW-SD	fL	52.2	±10.0	53.9	±10.0	55.7	±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>59</b>	±20	<b>245</b>	±40	<b>475</b>	±60
MPV	fL	9.1	±3.0	8.9	±3.0	9.0	±3.0	
PDW	fL	11.1	±3.0	12.0	±3.0	12.0	±3.0	
PCT	%	0.053	±0.050	0.218	±0.100	0.428	±0.200	
P-LCR	%	29.0	±8.0	29.4	±8.0	29.5	±8.0	
P-LCC	×10 <sup>9</sup> /L	17	±15	72	±25	140	±35	

**【NOTE】**

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



Low



Normal



High

# DM-5D

## HEMATOLOGY CONTROL

Assay values and ranges provided by DYMIND

**CONTROL**

LOT BC0122

2021-12-11

2022-03-10

Instrument	Parameter	Unit	Low		Normal		High	
DYMIND  DF50, DF51, DF52, DF53, DF55, DF56, (Technical File Version B1.0 or higher)	<b>WBC</b>	×10 <sup>9</sup> /L	<b>3.56</b>	±0.50	<b>8.07</b>	±1.00	<b>18.36</b>	±2.50
	Neu%	%	47.8	±9.0	56.4	±8.0	62.4	±7.0
	Lym%	%	39.8	±9.0	29.7	±8.0	21.9	±6.0
	Mon%	%	6.2	±4.0	5.5	±5.0	5.0	±5.0
	Eos%	%	6.2	±5.0	8.4	±6.0	10.7	±7.0
	Bas%	%	1.3	±1.3	1.2	±1.2	0.9	±0.9
	Neu#	×10 <sup>9</sup> /L	1.70	±0.40	4.55	±0.70	11.46	±1.40
	Lym#	×10 <sup>9</sup> /L	1.42	±0.40	2.40	±0.70	4.02	±1.10
	Mon#	×10 <sup>9</sup> /L	0.22	±0.14	0.44	±0.44	0.92	±0.92
	Eos#	×10 <sup>9</sup> /L	0.22	±0.15	0.68	±0.50	1.96	±1.30
	Bas#	×10 <sup>9</sup> /L	0.05	±0.05	0.10	±0.10	0.17	±0.17
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.46</b>	±0.18	<b>4.64</b>	±0.24	<b>5.28</b>	±0.50
	<b>HGB</b>	g/L	<b>60</b>	±4	<b>133</b>	±6	<b>168</b>	±8
	HCT	%	18.9	±2.0	39.7	±3.0	48.2	±4.0
	MCV	fL	<b>76.8</b>	±5.0	<b>85.4</b>	±5.0	<b>91.3</b>	±6.0
	MCH	pg	24.3	±2.5	28.6	±2.5	31.9	±2.5
	MCHC	g/L	316	±30	335	±30	350	±30
	RDW-CV	%	15.2	±3.0	14.0	±3.0	13.5	±3.0
	RDW-SD	fL	50.0	±10.0	51.3	±10.0	52.7	±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>62</b>	±20	<b>263</b>	±40	<b>504</b>	±60
MPV	fL	9.0	±3.0	8.7	±3.0	8.9	±3.0	
PDW	fL	11.1	±3.0	12.6	±3.0	12.6	±3.0	
PCT	%	0.056	±0.050	0.229	±0.100	0.449	±0.200	
P-LCR	%	25.8	±8.0	27.8	±8.0	28.1	±8.0	
P-LCC	×10 <sup>9</sup> /L	16	±15	73	±25	142	±35	

**【NOTE】**

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



Low



Normal



High

# DM-5D

## HEMATOLOGY CONTROL

Assay values and ranges provided by DYMIND

**CONTROL**

LOT BC0122

2021-12-11

2022-03-10

Instrument	Parameter	Unit	Low		Normal		High	
<b>DYMIND</b>  DH71, DH76, (Technical File Version A4.1to A10.3)  DH51, DH53, DH56, (Technical File Version A8.1 or higher)	<b>WBC</b>	×10 <sup>9</sup> /L	<b>3.57</b>	±0.50	<b>7.94</b>	±1.00	<b>17.93</b>	±2.50
	Neu%	%	52.2	±9.0	61.0	±8.0	64.7	±7.0
	Lym%	%	37.4	±9.0	28.6	±8.0	20.3	±6.0
	Mon%	%	5.6	±4.0	5.1	±5.0	6.8	±6.0
	Eos%	%	4.8	±4.8	5.3	±5.3	8.2	±7.0
	Bas%	%	60.6	±8.0	70.3	±8.0	77.4	±8.0
	Neu#	×10 <sup>9</sup> /L	1.86	±0.40	4.85	±0.70	11.60	±1.40
	Lym#	×10 <sup>9</sup> /L	1.34	±0.40	2.27	±0.70	3.64	±1.10
	Mon#	×10 <sup>9</sup> /L	0.20	±0.14	0.41	±0.41	1.22	±1.10
	Eos#	×10 <sup>9</sup> /L	0.17	±0.15	0.42	±0.42	1.47	±1.30
	Bas#	×10 <sup>9</sup> /L	2.16	±0.30	5.58	±0.70	13.88	±1.50
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.43</b>	±0.18	<b>4.64</b>	±0.24	<b>5.34</b>	±0.50
	<b>HGB</b>	g/L	<b>59</b>	±4	<b>132</b>	±6	<b>166</b>	±8
	HCT	%	19.5	±2.0	42.2	±3.0	52.3	±4.0
	<b>MCV</b>	fL	<b>80.3</b>	±5.0	<b>91.0</b>	±5.0	<b>97.9</b>	±6.0
	MCH	pg	24.3	±2.5	28.5	±2.5	31.0	±2.5
	MCHC	g/L	304	±30	314	±30	317	±30
	RDW-CV	%	18.0	±3.0	16.3	±3.0	15.4	±3.0
	RDW-SD	fL	52.1	±10.0	52.7	±10.0	53.6	±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>55</b>	±20	<b>257</b>	±40	<b>525</b>	±60
MPV	fL	9.6	±3.0	9.5	±3.0	9.5	±3.0	
PDW	fL	10.1	±3.0	10.1	±3.0	10.1	±3.0	
PCT	%	0.053	±0.050	0.244	±0.100	0.499	±0.200	
P-LCR	%	25.3	±8.0	23.3	±8.0	23.2	±8.0	
P-LCC	×10 <sup>9</sup> /L	14	±14	60	±25	122	±35	

**【NOTE】**

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

# DM-5D

## HEMATOLOGY CONTROL

Assay values and ranges provided by DYMIND

**CONTROL**

LOT BC0122

2021-12-11

2022-03-10

Instrument	Parameter	Unit	Low		Normal		High	
DYMIND  DH71, DH76, (Technical File Version A10.4)	<b>WBC</b>	×10 <sup>9</sup> /L	<b>3.37</b>	±0.50	<b>7.49</b>	±1.00	<b>16.94</b>	±2.50
	Neu%	%	47.4	±9.0	56.0	±8.0	62.9	±7.0
	Lym%	%	39.9	±9.0	29.5	±8.0	21.1	±6.0
	Mon%	%	7.0	±4.0	6.7	±5.0	6.3	±6.0
	Eos%	%	5.7	±5.0	7.8	±6.0	9.7	±7.0
	Bas%	%	59.5	±8.0	69.5	±8.0	76.9	±8.0
	Neu#	×10 <sup>9</sup> /L	1.60	±0.40	4.19	±0.70	10.66	±1.40
	Lym#	×10 <sup>9</sup> /L	1.34	±0.40	2.21	±0.70	3.57	±1.10
	Mon#	×10 <sup>9</sup> /L	0.24	±0.14	0.50	±0.50	1.07	±1.07
	Eos#	×10 <sup>9</sup> /L	0.19	±0.15	0.58	±0.50	1.64	±1.30
	Bas#	×10 <sup>9</sup> /L	2.00	±0.30	5.20	±0.70	13.03	±1.50
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.45</b>	±0.18	<b>4.72</b>	±0.24	<b>5.40</b>	±0.50
	<b>HGB</b>	g/L	<b>59</b>	±4	<b>133</b>	±6	<b>167</b>	±8
	HCT	%	18.9	±2.0	41.2	±3.0	50.8	±4.0
	<b>MCV</b>	fL	<b>77.4</b>	±5.0	<b>87.3</b>	±5.0	<b>94.0</b>	±6.0
	MCH	pg	24.1	±2.5	28.2	±2.5	30.9	±2.5
	MCHC	g/L	312	±30	323	±30	328	±30
	RDW-CV	%	18.1	±3.0	16.4	±3.0	15.6	±3.0
	RDW-SD	fL	52.6	±10.0	53.4	±10.0	54.3	±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>48</b>	±20	<b>254</b>	±40	<b>525</b>	±60
	MPV	fL	10.0	±3.0	9.6	±3.0	9.4	±3.0
	PDW	fL	10.8	±3.0	11.3	±3.0	11.2	±3.0
	PCT	%	0.048	±0.048	0.244	±0.100	0.494	±0.200
P-LCR	%	24.8	±8.0	24.0	±8.0	23.0	±8.0	
P-LCC	×10 <sup>9</sup> /L	12	±12	61	±25	121	±35	

**【NOTE】**

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

# DM-5D

## HEMATOLOGY CONTROL

Assay values and ranges provided by DYMIND

**CONTROL**

LOT BC0122

2021-12-11

2022-03-10

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>3.58</b> ±0.50	<b>8.19</b> ±1.00	<b>18.76</b> ±2.50
	Neu%	%	48.2 ±9.0	56.6 ±8.0	63.4 ±7.0
	Lym%	%	40.4 ±9.0	30.1 ±8.0	21.3 ±6.0
	Mon%	%	6.6 ±4.0	6.5 ±5.0	6.4 ±6.0
	Eos%	%	4.8 ±4.8	6.8 ±6.0	8.9 ±7.0
	Bas%	%	62.2 ±8.0	72.0 ±8.0	79.2 ±8.0
	Neu#	×10 <sup>9</sup> /L	1.73 ±0.40	4.64 ±0.70	11.90 ±1.40
	Lym#	×10 <sup>9</sup> /L	1.45 ±0.40	2.47 ±0.70	4.00 ±1.10
	Mon#	×10 <sup>9</sup> /L	0.24 ±0.14	0.53 ±0.50	1.20 ±1.10
	Eos#	×10 <sup>9</sup> /L	0.17 ±0.15	0.56 ±0.50	1.67 ±1.30
	Bas#	×10 <sup>9</sup> /L	2.23 ±0.30	5.90 ±0.70	14.86 ±1.50
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.40</b> ±0.18	<b>4.66</b> ±0.24	<b>5.34</b> ±0.50
	<b>HGB</b>	g/L	<b>59</b> ±4	<b>134</b> ±6	<b>167</b> ±8
	HCT	%	18.1 ±2.0	39.8 ±3.0	49.2 ±4.0
	<b>MCV</b>	fL	<b>75.5</b> ±5.0	<b>85.4</b> ±5.0	<b>92.1</b> ±6.0
	MCH	pg	24.7 ±2.5	28.7 ±2.5	31.2 ±2.5
	MCHC	g/L	327 ±30	335 ±30	339 ±30
	RDW-CV	%	18.2 ±3.0	16.3 ±3.0	15.5 ±3.0
	RDW-SD	fL	51.2 ±10.0	51.6 ±10.0	52.4 ±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>47</b> ±20	<b>252</b> ±40	<b>511</b> ±60
	MPV	fL	9.7 ±3.0	9.2 ±3.0	9.0 ±3.0
PDW	fL	10.1 ±3.0	10.6 ±3.0	10.4 ±3.0	
PCT	%	0.045 ±0.045	0.232 ±0.100	0.460 ±0.200	
P-LCR	%	21.4 ±8.0	21.4 ±8.0	20.1 ±8.0	
P-LCC	×10 <sup>9</sup> /L	10 ±10	54 ±25	103 ±35	

**【NOTE】**

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



Low



Normal



High

# DM-5D

## HEMATOLOGY CONTROL

Assay values and ranges provided by DYMIND

**CONTROL**

LOT BC0122

2021-12-11

2022-03-10

Instrument	Parameter	Unit	Low		Normal		High	
DYMIND  D2-CRP, D7-CRP, DH71CRP, DH73CRP, (Technical File Version A3.0 to A5.11)	<b>WBC</b>	×10 <sup>9</sup> /L	<b>3.58</b>	±0.50	<b>7.93</b>	±1.00	<b>17.96</b>	±2.50
	Neu%	%	48.0	±9.0	57.1	±8.0	64.6	±7.0
	Lym%	%	40.2	±9.0	29.6	±8.0	20.9	±6.0
	Mon%	%	6.9	±4.0	6.7	±5.0	6.5	±6.0
	Eos%	%	4.9	±4.9	6.6	±6.0	8.0	±7.0
	Bas%	%	61.1	±8.0	70.9	±8.0	78.1	±8.0
	Neu#	×10 <sup>9</sup> /L	1.72	±0.40	4.53	±0.70	11.60	±1.40
	Lym#	×10 <sup>9</sup> /L	1.44	±0.40	2.35	±0.70	3.75	±1.10
	Mon#	×10 <sup>9</sup> /L	0.25	±0.14	0.53	±0.50	1.17	±1.10
	Eos#	×10 <sup>9</sup> /L	0.18	±0.15	0.52	±0.50	1.44	±1.30
	Bas#	×10 <sup>9</sup> /L	2.19	±0.30	5.62	±0.70	14.03	±1.50
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.40</b>	±0.18	<b>4.55</b>	±0.24	<b>5.19</b>	±0.50
	<b>HGB</b>	g/L	<b>60</b>	±4	<b>133</b>	±6	<b>166</b>	±8
	HCT	%	18.9	±2.0	40.7	±3.0	49.9	±4.0
	<b>MCV</b>	fL	<b>78.7</b>	±5.0	<b>89.4</b>	±5.0	<b>96.0</b>	±6.0
	MCH	pg	24.9	±2.5	29.1	±2.5	31.9	±2.5
	MCHC	g/L	317	±30	326	±30	332	±30
	RDW-CV	%	18.2	±3.0	16.4	±3.0	15.7	±3.0
	RDW-SD	fL	51.7	±10.0	52.5	±10.0	53.7	±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>52</b>	±20	<b>251</b>	±40	<b>514</b>	±60
	MPV	fL	10.3	±3.0	9.7	±3.0	9.6	±3.0
	PDW	/	10.1	±3.0	10.2	±3.0	10.1	±3.0
	PDW	fL	10.9	±3.0	11.5	±3.0	11.5	±3.0
	PCT	%	0.053	±0.050	0.243	±0.100	0.492	±0.200
	P-LCR	%	27.2	±8.0	24.7	±8.0	24.0	±8.0
	P-LCC	×10 <sup>9</sup> /L	14	±14	62	±25	123	±35

**【NOTE】**

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

# DM-5D

## HEMATOLOGY CONTROL

Assay values and ranges provided by DYMIND

**CONTROL**

LOT BC0122

2021-12-11

2022-03-10

Instrument	Parameter	Unit	Low		Normal		High	
DYMIND  D2-CRP, D7-CRP, DH71CRP, DH73CRP, (Technical File Version A6.0 to A 6.5)	<b>WBC</b>	×10 <sup>9</sup> /L	<b>3.52</b>	±0.50	<b>8.01</b>	±1.00	<b>18.43</b>	±2.50
	Neu%	%	47.6	±9.0	55.9	±8.0	62.8	±7.0
	Lym%	%	40.3	±9.0	29.7	±8.0	21.1	±6.0
	Mon%	%	6.5	±4.0	6.6	±5.0	6.4	±6.0
	Eos%	%	5.6	±5.0	7.8	±6.0	9.7	±7.0
	Bas%	%	61.8	±8.0	71.6	±8.0	78.6	±8.0
	Neu#	×10 <sup>9</sup> /L	1.68	±0.40	4.48	±0.70	11.57	±1.40
	Lym#	×10 <sup>9</sup> /L	1.42	±0.40	2.38	±0.70	3.89	±1.10
	Mon#	×10 <sup>9</sup> /L	0.23	±0.14	0.53	±0.50	1.18	±1.10
	Eos#	×10 <sup>9</sup> /L	0.20	±0.15	0.63	±0.50	1.79	±1.30
	Bas#	×10 <sup>9</sup> /L	2.18	±0.30	5.74	±0.70	14.49	±1.50
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.36</b>	±0.18	<b>4.50</b>	±0.24	<b>5.19</b>	±0.50
	<b>HGB</b>	g/L	<b>59</b>	±4	<b>132</b>	±6	<b>164</b>	±8
	HCT	%	18.5	±2.0	39.4	±3.0	48.7	±4.0
	<b>MCV</b>	fL	<b>78.2</b>	±5.0	<b>87.6</b>	±5.0	<b>93.9</b>	±6.0
	MCH	pg	25.0	±2.5	29.2	±2.5	31.6	±2.5
	MCHC	g/L	319	±30	334	±30	336	±30
	RDW-CV	%	18.4	±3.0	16.7	±3.0	15.9	±3.0
	RDW-SD	fL	52.2	±10.0	53.3	±10.0	54.3	±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>49</b>	±20	<b>257</b>	±40	<b>540</b>	±60
	MPV	fL	10.1	±3.0	9.6	±3.0	9.6	±3.0
	PDW	fL	10.6	±3.0	11.7	±3.0	11.3	±3.0
PCT	%	0.050	±0.050	0.246	±0.100	0.518	±0.200	
P-LCR	%	24.3	±8.0	23.4	±8.0	23.2	±8.0	
P-LCC	×10 <sup>9</sup> /L	12	±12	60	±25	125	±35	

**【NOTE】**

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



Low



Normal



High

# DM-5D

## HEMATOLOGY CONTROL

Assay values and ranges provided by DYMIND

**CONTROL**

LOT BC0122

2021-12-11

2022-03-10

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>3.68</b> ±0.50	<b>8.28</b> ±1.00	<b>18.90</b> ±2.50
	Neu%	%	48.5 ±9.0	58.7 ±8.0	65.9 ±7.0
	Lym%	%	40.9 ±9.0	30.3 ±8.0	21.8 ±6.0
	Mon%	%	6.5 ±4.0	6.6 ±5.0	6.6 ±6.0
	Eos%	%	4.1 ±4.1	4.4 ±4.4	5.7 ±5.7
	Bas%	%	62.1 ±8.0	72.2 ±8.0	79.3 ±8.0
	Neu#	×10 <sup>9</sup> /L	1.78 ±0.40	4.86 ±0.70	12.46 ±1.40
	Lym#	×10 <sup>9</sup> /L	1.50 ±0.40	2.51 ±0.70	4.12 ±1.10
	Mon#	×10 <sup>9</sup> /L	0.24 ±0.14	0.55 ±0.50	1.25 ±1.10
	Eos#	×10 <sup>9</sup> /L	0.15 ±0.15	0.36 ±0.36	1.08 ±1.08
	Bas#	×10 <sup>9</sup> /L	2.28 ±0.30	5.98 ±0.70	14.99 ±1.50
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.42</b> ±0.18	<b>4.60</b> ±0.24	<b>5.24</b> ±0.50
	<b>HGB</b>	g/L	<b>59</b> ±4	<b>132</b> ±6	<b>164</b> ±8
	HCT	%	18.3 ±2.0	39.3 ±3.0	48.3 ±4.0
	<b>MCV</b>	fL	<b>75.8</b> ±5.0	<b>85.4</b> ±5.0	<b>92.2</b> ±6.0
	MCH	pg	24.5 ±2.5	28.7 ±2.5	31.3 ±2.5
	MCHC	g/L	323 ±30	336 ±30	340 ±30
	RDW-CV	%	18.1 ±3.0	16.3 ±3.0	15.4 ±3.0
	RDW-SD	fL	50.5 ±10.0	51.2 ±10.0	51.9 ±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>49</b> ±20	<b>250</b> ±40	<b>523</b> ±60
	MPV	fL	9.7 ±3.0	9.0 ±3.0	8.9 ±3.0
	PDW	fL	9.7 ±3.0	10.4 ±3.0	10.1 ±3.0
PCT	%	0.048 ±0.048	0.225 ±0.100	0.465 ±0.200	
P-LCR	%	22.3 ±8.0	20.4 ±8.0	19.5 ±8.0	
P-LCC	×10 <sup>9</sup> /L	11 ±11	51 ±25	102 ±35	

**【NOTE】**

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



Low



Normal



High

# DM-5D

## HEMATOLOGY CONTROL

Assay values and ranges provided by DYMIND

**CONTROL**

LOT BC0122

2021-12-11

2022-03-10

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>3.52</b>	±0.50	<b>7.86</b>	±1.00	<b>17.95</b>	±2.50
	Neu%	%	47.1	±9.0	57.1	±8.0	64.1	±7.0
	Lym%	%	41.2	±9.0	30.1	±8.0	21.5	±6.0
	Mon%	%	6.7	±4.0	6.5	±5.0	6.4	±6.0
	Eos%	%	5.0	±5.0	6.3	±6.0	8.0	±7.0
	Bas%	%	61.0	±8.0	70.4	±8.0	77.8	±8.0
	Neu#	×10 <sup>9</sup> /L	1.66	±0.40	4.49	±0.70	11.51	±1.40
	Lym#	×10 <sup>9</sup> /L	1.45	±0.40	2.36	±0.70	3.86	±1.10
	Mon#	×10 <sup>9</sup> /L	0.24	±0.14	0.51	±0.50	1.15	±1.10
	Eos#	×10 <sup>9</sup> /L	0.18	±0.15	0.49	±0.49	1.44	±1.30
	Bas#	×10 <sup>9</sup> /L	2.15	±0.30	5.53	±0.70	13.97	±1.50
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.37</b>	±0.18	<b>4.55</b>	±0.24	<b>5.20</b>	±0.50
	<b>HGB</b>	g/L	<b>62</b>	±4	<b>133</b>	±6	<b>165</b>	±8
	HCT	%	18.2	±2.0	39.3	±3.0	48.4	±4.0
	<b>MCV</b>	fL	<b>76.9</b>	±5.0	<b>86.5</b>	±5.0	<b>92.9</b>	±6.0
	MCH	pg	26.0	±2.5	29.1	±2.5	31.7	±2.5
	MCHC	g/L	338	±30	337	±30	340	±30
	RDW-CV	%	18.3	±3.0	16.5	±3.0	15.6	±3.0
	RDW-SD	fL	52.0	±10.0	52.7	±10.0	53.5	±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>54</b>	±20	<b>253</b>	±40	<b>519</b>	±60
	MPV	fL	8.7	±3.0	9.0	±3.0	9.0	±3.0
	PDW	fL	11.1	±3.0	10.5	±3.0	10.4	±3.0
	PCT	%	0.047	±0.047	0.228	±0.100	0.467	±0.200
P-LCR	%	18.6	±8.0	20.1	±8.0	19.7	±8.0	
P-LCC	×10 <sup>9</sup> /L	10	±10	51	±25	102	±35	

**【NOTE】**

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



Low



Normal



High

# DM-5D

## HEMATOLOGY CONTROL

Assay values and ranges provided by DYMIND

**CONTROL**

LOT BC0122

2021-12-11

2022-03-10

Instrument	Parameter	Unit	Low	Normal	High
DYMIND  D6-CRP, DH76CRP, (Technical File Version B2.2 or higher)	<b>WBC</b>	×10 <sup>9</sup> /L	<b>3.63</b> ±0.50	<b>8.04</b> ±1.00	<b>17.55</b> ±2.50
	Neu%	%	47.7 ±9.0	56.8 ±8.0	63.3 ±7.0
	Lym%	%	40.3 ±9.0	29.3 ±8.0	21.0 ±6.0
	Mon%	%	6.5 ±4.0	6.5 ±5.0	6.2 ±6.0
	Eos%	%	5.5 ±5.0	7.4 ±6.0	9.5 ±7.0
	Bas%	%	60.4 ±8.0	70.4 ±8.0	77.3 ±8.0
	Neu#	×10 <sup>9</sup> /L	1.73 ±0.40	4.57 ±0.70	11.11 ±1.40
	Lym#	×10 <sup>9</sup> /L	1.46 ±0.40	2.36 ±0.70	3.68 ±1.10
	Mon#	×10 <sup>9</sup> /L	0.24 ±0.14	0.52 ±0.50	1.09 ±1.09
	Eos#	×10 <sup>9</sup> /L	0.20 ±0.15	0.60 ±0.50	1.67 ±1.30
	Bas#	×10 <sup>9</sup> /L	2.19 ±0.30	5.66 ±0.70	13.56 ±1.50
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.42</b> ±0.18	<b>4.59</b> ±0.24	<b>5.25</b> ±0.50
	<b>HGB</b>	g/L	<b>61</b> ±4	<b>131</b> ±6	<b>163</b> ±8
	HCT	%	18.5 ±2.0	39.5 ±3.0	48.6 ±4.0
	<b>MCV</b>	fL	<b>76.6</b> ±5.0	<b>86.0</b> ±5.0	<b>92.5</b> ±6.0
	MCH	pg	25.1 ±2.5	28.5 ±2.5	31.0 ±2.5
	MCHC	g/L	329 ±30	332 ±30	336 ±30
	RDW-CV	%	18.1 ±3.0	16.2 ±3.0	15.3 ±3.0
	RDW-SD	fL	51.9 ±10.0	52.2 ±10.0	52.8 ±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>52</b> ±20	<b>261</b> ±40	<b>542</b> ±60
	MPV	fL	9.0 ±3.0	9.2 ±3.0	9.0 ±3.0
PDW	fL	11.0 ±3.0	10.6 ±3.0	10.4 ±3.0	
PCT	%	0.047 ±0.047	0.241 ±0.100	0.488 ±0.200	
P-LCR	%	21.1 ±8.0	21.0 ±8.0	19.7 ±8.0	
P-LCC	×10 <sup>9</sup> /L	11 ±11	55 ±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

Assay values and ranges provided by DYMIND

**CONTROL**

LOT BC0122

2021-12-11

2022-03-10

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>7.99</b> ±1.00	<b>18.23</b> ±2.50
	Neu%	%	47.1 ±9.0	54.7 ±8.0	61.0 ±7.0
	Lym%	%	40.8 ±9.0	30.6 ±8.0	22.6 ±6.0
	Mon%	%	5.5 ±4.0	5.5 ±5.0	5.4 ±5.4
	Eos%	%	6.6 ±5.0	9.2 ±6.0	11.0 ±7.0
	Bas%	%	1.0 ±1.0	0.9 ±0.9	0.7 ±0.7
	Neu#	×10 <sup>9</sup> /L	1.64 ±0.40	4.37 ±0.70	11.12 ±1.40
	Lym#	×10 <sup>9</sup> /L	1.42 ±0.40	2.44 ±0.70	4.12 ±1.10
	Mon#	×10 <sup>9</sup> /L	0.19 ±0.14	0.44 ±0.44	0.98 ±0.98
	Eos#	×10 <sup>9</sup> /L	0.23 ±0.15	0.73 ±0.50	2.01 ±1.30
	Bas#	×10 <sup>9</sup> /L	0.03 ±0.03	0.07 ±0.07	0.13 ±0.13
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.47</b> ±0.18	<b>4.69</b> ±0.24	<b>5.36</b> ±0.50
	<b>HGB</b>	g/L	<b>58</b> ±4	<b>131</b> ±6	<b>167</b> ±8
	HCT	%	19.1 ±2.0	41.2 ±3.0	50.5 ±4.0
	<b>MCV</b>	fL	<b>77.6</b> ±5.0	<b>87.9</b> ±5.0	<b>94.3</b> ±6.0
	MCH	pg	23.7 ±2.5	27.9 ±2.5	31.1 ±2.5
	MCHC	g/L	306 ±30	318 ±30	330 ±30
	RDW-CV	%	14.2 ±3.0	13.2 ±3.0	12.8 ±3.0
	RDW-SD	fL	48.3 ±10.0	50.0 ±10.0	51.5 ±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>59</b> ±20	<b>258</b> ±40	<b>491</b> ±60
MPV	fL	9.0 ±3.0	8.6 ±3.0	8.7 ±3.0	
PDW	fL	10.6 ±3.0	11.7 ±3.0	11.7 ±3.0	
PCT	%	0.053 ±0.050	0.222 ±0.100	0.427 ±0.200	

**【NOTE】**

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



Low



Normal



High

# DM-5D

## HEMATOLOGY CONTROL

Assay values and ranges provided by DYMIND

**CONTROL**

LOT BC0122

2021-12-11

2022-03-10

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>3.50</b>	±0.50	<b>7.98</b>	±1.00	<b>18.26</b>	±2.50
	Neu%	%	48.8	±9.0	55.2	±8.0	62.1	±7.0
	Lym%	%	39.7	±9.0	30.1	±8.0	22.2	±6.0
	Mon%	%	4.9	±4.0	5.2	±5.0	5.0	±5.0
	Eos%	%	6.6	±5.0	9.5	±6.0	10.7	±7.0
	Bas%	%	1.8	±1.8	1.9	±1.9	1.4	±1.4
	Neu#	×10 <sup>9</sup> /L	1.71	±0.40	4.40	±0.70	11.34	±1.40
	Lym#	×10 <sup>9</sup> /L	1.39	±0.40	2.40	±0.70	4.05	±1.10
	Mon#	×10 <sup>9</sup> /L	0.17	±0.14	0.41	±0.41	0.91	±0.91
	Eos#	×10 <sup>9</sup> /L	0.23	±0.15	0.76	±0.50	1.95	±1.30
	Bas#	×10 <sup>9</sup> /L	0.06	±0.06	0.15	±0.15	0.26	±0.26
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.41</b>	±0.18	<b>4.58</b>	±0.24	<b>5.25</b>	±0.50
	<b>HGB</b>	g/L	<b>59</b>	±4	<b>130</b>	±6	<b>165</b>	±8
	HCT	%	18.8	±2.0	40.4	±3.0	49.6	±4.0
	<b>MCV</b>	fL	<b>78.1</b>	±5.0	<b>88.3</b>	±5.0	<b>94.6</b>	±6.0
	MCH	pg	24.5	±2.5	28.5	±2.5	31.4	±2.5
	MCHC	g/L	314	±30	323	±30	333	±30
	RDW-CV	%	15.6	±3.0	14.3	±3.0	13.9	±3.0
	RDW-SD	fL	51.4	±10.0	53.0	±10.0	54.8	±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>54</b>	±20	<b>263</b>	±40	<b>497</b>	±60
	MPV	fL	9.0	±3.0	8.5	±3.0	8.7	±3.0
	PDW	fL	10.3	±3.0	11.8	±3.0	11.7	±3.0
	PCT	%	0.048	±0.048	0.224	±0.100	0.433	±0.200
P-LCR	%	22.4	±8.0	25.5	±8.0	26.7	±8.0	
P-LCC	×10 <sup>9</sup> /L	12	±12	67	±25	133	±35	

**【NOTE】**

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

# DM-5D

## HEMATOLOGY CONTROL

Assay values and ranges provided by DYMIND

**CONTROL**

LOT BC0122

2021-12-11

2022-03-10

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>3.56</b> ±0.50	<b>8.24</b> ±1.00	<b>19.08</b> ±2.50
	Neu%	%	47.1 ±9.0	55.5 ±8.0	62.1 ±7.0
	Lym%	%	39.9 ±9.0	29.9 ±8.0	21.8 ±6.0
	Mon%	%	6.4 ±4.0	5.9 ±5.0	5.7 ±5.7
	Eos%	%	6.6 ±5.0	8.7 ±6.0	10.4 ±7.0
	Bas%	%	1.2 ±1.2	1.0 ±1.0	0.9 ±0.9
	Neu#	×10 <sup>9</sup> /L	1.68 ±0.40	4.58 ±0.70	11.85 ±1.40
	Lym#	×10 <sup>9</sup> /L	1.42 ±0.40	2.47 ±0.70	4.16 ±1.10
	Mon#	×10 <sup>9</sup> /L	0.23 ±0.14	0.49 ±0.49	1.09 ±1.09
	Eos#	×10 <sup>9</sup> /L	0.23 ±0.15	0.72 ±0.50	1.98 ±1.30
	Bas#	×10 <sup>9</sup> /L	0.04 ±0.04	0.08 ±0.08	0.17 ±0.17
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.39</b> ±0.18	<b>4.54</b> ±0.24	<b>5.19</b> ±0.50
	<b>HGB</b>	g/L	<b>59</b> ±4	<b>130</b> ±6	<b>163</b> ±8
	HCT	%	18.5 ±2.0	39.0 ±3.0	47.6 ±4.0
	<b>MCV</b>	fL	<b>77.3</b> ±5.0	<b>85.9</b> ±5.0	<b>91.7</b> ±6.0
	MCH	pg	24.7 ±2.5	28.5 ±2.5	31.5 ±2.5
	MCHC	g/L	319 ±30	332 ±30	343 ±30
	RDW-CV	%	15.6 ±3.0	14.4 ±3.0	14.0 ±3.0
	RDW-SD	fL	52.4 ±10.0	54.2 ±10.0	55.9 ±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>57</b> ±20	<b>258</b> ±40	<b>506</b> ±60
MPV	fL	8.8 ±3.0	8.6 ±3.0	8.7 ±3.0	
PDW	fL	9.9 ±3.0	11.3 ±3.0	11.4 ±3.0	
PCT	%	0.050 ±0.050	0.222 ±0.100	0.440 ±0.200	
P-LCR	%	24.6 ±8.0	26.3 ±8.0	26.5 ±8.0	
P-LCC	×10 <sup>9</sup> /L	14 ±14	68 ±25	134 ±35	

**【NOTE】**

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



Low



Normal



High

# DM-5D

## HEMATOLOGY CONTROL

Assay values and ranges provided by DYMIND

**CONTROL**

LOT BC0122

2021-12-11

2022-03-10

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>3.54</b>	±0.50	<b>8.32</b>	±1.00	<b>19.17</b>	±2.50
	Neu%	%	46.6	±9.0	55.3	±8.0	61.7	±7.0
	Lym%	%	40.7	±9.0	30.6	±8.0	22.5	±6.0
	Mon%	%	6.3	±4.0	5.8	±5.0	5.5	±5.5
	Eos%	%	6.4	±5.0	8.3	±6.0	10.3	±7.0
	Bas%	%	1.3	±1.3	1.1	±1.1	1.0	±1.0
	Neu#	×10 <sup>9</sup> /L	1.65	±0.40	4.60	±0.70	11.83	±1.40
	Lym#	×10 <sup>9</sup> /L	1.44	±0.40	2.55	±0.70	4.31	±1.10
	Mon#	×10 <sup>9</sup> /L	0.22	±0.14	0.48	±0.48	1.05	±1.05
	Eos#	×10 <sup>9</sup> /L	0.23	±0.15	0.69	±0.50	1.97	±1.30
	Bas#	×10 <sup>9</sup> /L	0.05	±0.05	0.09	±0.09	0.19	±0.19
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.38</b>	±0.18	<b>4.53</b>	±0.24	<b>5.18</b>	±0.50
	<b>HGB</b>	g/L	<b>59</b>	±4	<b>131</b>	±6	<b>167</b>	±8
	HCT	%	18.5	±2.0	39.1	±3.0	47.7	±4.0
	<b>MCV</b>	fL	<b>77.7</b>	±5.0	<b>86.3</b>	±5.0	<b>92.1</b>	±6.0
	MCH	pg	24.8	±2.5	28.9	±2.5	32.1	±2.5
	MCHC	g/L	320	±30	335	±30	349	±30
	RDW-CV	%	15.3	±3.0	14.1	±3.0	13.6	±3.0
	RDW-SD	fL	50.8	±10.0	52.3	±10.0	53.7	±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>47</b>	±20	<b>253</b>	±40	<b>532</b>	±60
MPV	fL	9.1	±3.0	8.6	±3.0	8.7	±3.0	
PDW	fL	10.1	±3.0	11.1	±3.0	11.2	±3.0	
PCT	%	0.043	±0.043	0.218	±0.100	0.463	±0.200	
P-LCR	%	27.5	±8.0	26.1	±8.0	26.5	±8.0	
P-LCC	×10 <sup>9</sup> /L	13	±13	66	±25	141	±35	

**【NOTE】**

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



Low



Normal



High

# DM-5D

## HEMATOLOGY CONTROL

Assay values and ranges provided by DYMIND

**CONTROL**

LOT BC0122

2021-12-11

2022-03-10

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>3.59</b> ±0.50	<b>7.93</b> ±1.00	<b>17.91</b> ±2.50
	Neu%	%	47.4 ±9.0	55.7 ±8.0	62.3 ±7.0
	Lym%	%	40.1 ±9.0	29.5 ±8.0	21.0 ±6.0
	Mon%	%	6.8 ±4.0	6.7 ±5.0	6.4 ±6.0
	Eos%	%	5.7 ±5.0	8.1 ±6.0	10.3 ±7.0
	Bas%	%	59.3 ±8.0	69.4 ±8.0	77.3 ±8.0
	Neu#	×10 <sup>9</sup> /L	1.70 ±0.40	4.42 ±0.70	11.16 ±1.40
	Lym#	×10 <sup>9</sup> /L	1.44 ±0.40	2.34 ±0.70	3.76 ±1.10
	Mon#	×10 <sup>9</sup> /L	0.24 ±0.14	0.53 ±0.50	1.15 ±1.10
	Eos#	×10 <sup>9</sup> /L	0.20 ±0.15	0.64 ±0.50	1.84 ±1.30
	Bas#	×10 <sup>9</sup> /L	2.13 ±0.30	5.50 ±0.70	13.84 ±1.50
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.42</b> ±0.18	<b>4.64</b> ±0.24	<b>5.32</b> ±0.50
	<b>HGB</b>	g/L	<b>62</b> ±4	<b>133</b> ±6	<b>165</b> ±8
	HCT	%	18.4 ±2.0	40.1 ±3.0	49.8 ±4.0
	<b>MCV</b>	fL	<b>76.0</b> ±5.0	<b>86.5</b> ±5.0	<b>93.5</b> ±6.0
	MCH	pg	25.4 ±2.5	28.7 ±2.5	31.0 ±2.5
	MCHC	g/L	335 ±30	332 ±30	332 ±30
	RDW-CV	%	18.1 ±3.0	16.3 ±3.0	15.4 ±3.0
	RDW-SD	fL	51.2 ±10.0	51.6 ±10.0	52.5 ±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>51</b> ±20	<b>259</b> ±40	<b>541</b> ±60
	MPV	fL	9.3 ±3.0	9.4 ±3.0	9.3 ±3.0
	PDW	fL	11.2 ±3.0	11.0 ±3.0	10.8 ±3.0
PCT	%	0.048 ±0.048	0.244 ±0.100	0.503 ±0.200	
P-LCR	%	23.4 ±8.0	22.0 ±8.0	21.1 ±8.0	
P-LCC	×10 <sup>9</sup> /L	12 ±12	57 ±25	114 ±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