	文件类型	技术文件	文件版本	V8.4.0		
	项目代号	/	页 码	第 0 页 共 25 页		
	文件编号	GL DM-56-01- en				
文件名称： <p style="text-align: center;"><b>CONTROL DM-5D BC0722 2022-09-10</b></p> 适用范围：公司所有五分类仪器						
编制：		审核：		批准：		
日期：		日期：		日期：		
修 订 记 录						
版本	TCN/ECR/PCN 编号	修订内容概要		修改人	批准人	批准日期
V8.4.0	/	新建		石丽岐	郑剑通	2022.06.24
发 至：	<input type="checkbox"/> 总经办 <input type="checkbox"/> 质量部 <input type="checkbox"/> 财务部 <input checked="" type="checkbox"/> 营销部 <input checked="" type="checkbox"/> 客服 <input type="checkbox"/> 计划 <input type="checkbox"/> 采购 <input checked="" type="checkbox"/> 工程 <input type="checkbox"/> 仓库					
	<input checked="" type="checkbox"/> 设备研发 <input checked="" type="checkbox"/> 试剂研发 <input type="checkbox"/> 物料质量 <input type="checkbox"/> 设备生产 <input type="checkbox"/> 试剂生产 <input checked="" type="checkbox"/> 试剂质检 <input checked="" type="checkbox"/> 设备质检					
由试剂研发						

# DM-5D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**

LOT BC0722

2022-06-13

2022-09-10

Applicable Instrument	Parameter	Unit	Low		Normal		High	
<b>DYMIND</b>  D1-CRP D3-CRP D5-CRP DH51CRP DH53CRP DH56CRP (Technical File Version A9.0 to A11.9)	<b>WBC</b>	×10 <sup>9</sup> /L	<b>3.24</b>	±0.50	<b>7.78</b>	±1.00	<b>17.85</b>	±2.50
	Neu%	%	51.1	±9.0	56.8	±8.0	63.9	±7.0
	Lym%	%	37.2	±9.0	29.5	±8.0	19.9	±6.0
	Mon%	%	6.7	±4.0	6.3	±5.0	7.7	±6.0
	Eos%	%	5.0	±5.0	7.4	±6.0	8.5	±7.0
	Bas%	%	63.0	±8.0	71.0	±8.0	81.0	±8.0
	Neu#	×10 <sup>9</sup> /L	1.66	±0.40	4.42	±0.70	11.41	±1.40
	Lym#	×10 <sup>9</sup> /L	1.21	±0.40	2.30	±0.70	3.55	±1.10
	Mon#	×10 <sup>9</sup> /L	0.22	±0.14	0.49	±0.49	1.37	±1.10
	Eos#	×10 <sup>9</sup> /L	0.16	±0.15	0.58	±0.50	1.52	±1.30
	Bas#	×10 <sup>9</sup> /L	2.04	±0.30	5.52	±0.70	14.46	±1.50
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.27</b>	±0.18	<b>4.46</b>	±0.24	<b>5.28</b>	±0.50
	<b>HGB</b>	g/L	<b>57</b>	±4	<b>128</b>	±6	<b>165</b>	±8
	HCT	%	18.1	±2.0	39.0	±3.0	49.9	±4.0
	<b>MCV</b>	fL	<b>80.0</b>	±5.0	<b>87.6</b>	±5.0	<b>94.5</b>	±6.0
	MCH	pg	25.6	±2.5	29.3	±2.5	31.8	±2.5
	MCHC	g/L	321	±30	336	±30	337	±30
	RDW-CV	%	18.5	±3.0	17.3	±3.0	17.0	±3.0
	RDW-SD	fL	52.0	±10.0	53.5	±10.0	56.5	±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>63</b>	±20	<b>249</b>	±40	<b>502</b>	±60
	MPV	fL	10.6	±3.0	10.1	±3.0	10.2	±3.0
	PDW	fL	12.7	±3.0	12.7	±3.0	12.6	±3.0
	PCT	%	0.066	±0.050	0.249	±0.100	0.504	±0.200
P-LCR	%	29.1	±8.0	27.9	±8.0	28.0	±8.0	
P-LCC	×10 <sup>9</sup> /L	18	±15	69	±25	138	±35	
PDW	/	10.1	±3.0	10.2	±3.0	10.1	±3.0	

**【NOTE】**

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

# DM-5D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**

LOT BC0722

2022-06-13

2022-09-10

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>3.32</b>	±0.50	<b>8.23</b>	±1.00	<b>19.16</b>	±2.50
	Neu%	%	49.5	±9.0	54.8	±8.0	63.1	±7.0
	Lym%	%	39.2	±9.0	30.6	±8.0	20.4	±6.0
	Mon%	%	5.8	±4.0	5.5	±5.0	7.0	±6.0
	Eos%	%	5.5	±5.0	9.1	±6.0	9.5	±7.0
	Bas%	%	62.9	±8.0	71.4	±8.0	81.1	±8.0
	Neu#	×10 <sup>9</sup> /L	1.65	±0.40	4.51	±0.70	12.09	±1.40
	Lym#	×10 <sup>9</sup> /L	1.30	±0.40	2.52	±0.70	3.91	±1.10
	Mon#	×10 <sup>9</sup> /L	0.19	±0.14	0.45	±0.45	1.34	±1.10
	Eos#	×10 <sup>9</sup> /L	0.18	±0.15	0.75	±0.50	1.82	±1.30
	Bas#	×10 <sup>9</sup> /L	2.09	±0.30	5.88	±0.70	15.53	±1.50
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.25</b>	±0.18	<b>4.47</b>	±0.24	<b>5.30</b>	±0.50
	<b>HGB</b>	g/L	<b>56</b>	±4	<b>127</b>	±6	<b>164</b>	±8
	HCT	%	17.5	±2.0	37.9	±3.0	48.7	±4.0
	<b>MCV</b>	fL	<b>77.9</b>	±5.0	<b>84.8</b>	±5.0	<b>92.0</b>	±6.0
	MCH	pg	24.5	±2.5	28.0	±2.5	30.5	±2.5
	MCHC	g/L	316	±30	332	±30	333	±30
	RDW-CV	%	18.2	±3.0	17.2	±3.0	16.7	±3.0
	RDW-SD	fL	51.2	±10.0	52.8	±10.0	55.5	±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>58</b>	±20	<b>242</b>	±40	<b>498</b>	±60
	MPV	fL	10.8	±3.0	10.3	±3.0	10.3	±3.0
PDW	fL	12.6	±3.0	12.8	±3.0	12.6	±3.0	
PCT	%	0.063	±0.050	0.252	±0.100	0.516	±0.200	
P-LCR	%	30.7	±8.0	28.7	±8.0	28.4	±8.0	
P-LCC	×10 <sup>9</sup> /L	18	±15	70	±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 BC0722

2022-06-13

2022-09-10

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>3.47</b>	±0.50	<b>8.61</b>	±1.00	<b>19.92</b>	±2.50
	Neu%	%	50.9	±9.0	56.6	±8.0	63.6	±7.0
	Lym%	%	37.1	±9.0	29.8	±8.0	20.3	±6.0
	Mon%	%	7.0	±4.0	6.5	±5.0	8.0	±6.0
	Eos%	%	5.0	±5.0	7.1	±6.0	8.1	±7.0
	Bas%	%	63.0	±8.0	71.3	±8.0	81.2	±8.0
	Neu#	×10 <sup>9</sup> /L	1.76	±0.40	4.87	±0.70	12.67	±1.40
	Lym#	×10 <sup>9</sup> /L	1.29	±0.40	2.56	±0.70	4.04	±1.10
	Mon#	×10 <sup>9</sup> /L	0.24	±0.14	0.56	±0.50	1.59	±1.10
	Eos#	×10 <sup>9</sup> /L	0.17	±0.15	0.61	±0.50	1.61	±1.30
	Bas#	×10 <sup>9</sup> /L	2.18	±0.30	6.14	±0.70	16.17	±1.50
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.27</b>	±0.18	<b>4.49</b>	±0.24	<b>5.32</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	38.2	±3.0	49.0	±4.0
	<b>MCV</b>	fL	<b>77.9</b>	±5.0	<b>85.2</b>	±5.0	<b>92.1</b>	±6.0
	MCH	pg	24.7	±2.5	28.4	±2.5	31.0	±2.5
	MCHC	g/L	318	±30	334	±30	337	±30
	RDW-CV	%	18.1	±3.0	17.0	±3.0	16.6	±3.0
	RDW-SD	fL	50.9	±10.0	52.4	±10.0	55.0	±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>60</b>	±20	<b>249</b>	±40	<b>500</b>	±60
MPV	fL	10.5	±3.0	10.1	±3.0	10.0	±3.0	
PDW	fL	11.7	±3.0	12.3	±3.0	12.1	±3.0	
PCT	%	0.063	±0.050	0.250	±0.100	0.499	±0.200	
P-LCR	%	28.2	±8.0	27.2	±8.0	26.7	±8.0	
P-LCC	×10 <sup>9</sup> /L	17	±15	68	±25	133	±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 BC0722

2022-06-13

2022-09-10

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>3.40</b>	±0.50	<b>8.20</b>	±1.00	<b>18.90</b>	±2.50
	Neu%	%	51.9	±9.0	56.3	±8.0	62.6	±7.0
	Lym%	%	35.2	±9.0	28.5	±8.0	19.1	±6.0
	Mon%	%	6.9	±4.0	6.8	±5.0	7.9	±6.0
	Eos%	%	6.0	±5.0	8.4	±6.0	10.4	±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	4.62	±0.70	11.83	±1.40
	Lym#	×10 <sup>9</sup> /L	1.20	±0.40	2.34	±0.70	3.61	±1.10
	Mon#	×10 <sup>9</sup> /L	0.23	±0.14	0.56	±0.50	1.49	±1.10
	Eos#	×10 <sup>9</sup> /L	0.20	±0.15	0.69	±0.50	1.97	±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>2.30</b>	±0.18	<b>4.51</b>	±0.24	<b>5.36</b>	±0.50
	<b>HGB</b>	g/L	<b>58</b>	±4	<b>130</b>	±6	<b>168</b>	±8
	HCT	%	18.6	±2.0	39.9	±3.0	51.5	±4.0
	<b>MCV</b>	fL	<b>80.8</b>	±5.0	<b>88.5</b>	±5.0	<b>96.2</b>	±6.0
	MCH	pg	25.1	±2.5	28.6	±2.5	31.1	±2.5
	MCHC	g/L	315	±30	325	±30	327	±30
	RDW-CV	%	18.4	±3.0	17.2	±3.0	16.9	±3.0
	RDW-SD	fL	51.6	±10.0	52.8	±10.0	56.1	±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>72</b>	±20	<b>246</b>	±40	<b>495</b>	±60
MPV	fL	10.4	±3.0	10.4	±3.0	10.4	±3.0	
PDW	fL	10.2	±3.0	10.2	±3.0	10.2	±3.0	
PCT	%	0.074	±0.050	0.253	±0.100	0.506	±0.200	
P-LCR	%	31.0	±8.0	29.9	±8.0	29.6	±8.0	
P-LCC	×10 <sup>9</sup> /L	22	±15	73	±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.

# DM-5D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**

LOT BC0722

2022-06-13

2022-09-10

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>3.35</b>	±0.50	<b>7.94</b>	±1.00	<b>17.82</b>	±2.50
	Neu%	%	49.0	±9.0	55.2	±8.0	63.2	±7.0
	Lym%	%	37.6	±9.0	30.5	±8.0	20.5	±6.0
	Mon%	%	6.9	±4.0	6.5	±5.0	7.7	±6.0
	Eos%	%	5.0	±5.0	6.3	±6.0	7.1	±7.0
	Bas%	%	1.5	±1.5	1.5	±1.5	1.5	±1.5
	Neu#	×10 <sup>9</sup> /L	1.64	±0.40	4.38	±0.70	11.26	±1.40
	Lym#	×10 <sup>9</sup> /L	1.26	±0.40	2.42	±0.70	3.65	±1.10
	Mon#	×10 <sup>9</sup> /L	0.23	±0.14	0.52	±0.50	1.37	±1.10
	Eos#	×10 <sup>9</sup> /L	0.17	±0.15	0.50	±0.50	1.27	±1.27
	Bas#	×10 <sup>9</sup> /L	0.05	±0.05	0.12	±0.12	0.27	±0.27
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.25</b>	±0.18	<b>4.36</b>	±0.24	<b>5.12</b>	±0.50
	<b>HGB</b>	g/L	<b>58</b>	±4	<b>130</b>	±6	<b>167</b>	±8
	HCT	%	17.5	±2.0	37.4	±3.0	47.5	±4.0
	<b>MCV</b>	fL	<b>77.7</b>	±5.0	<b>85.8</b>	±5.0	<b>92.7</b>	±6.0
	MCH	pg	25.4	±2.5	29.1	±2.5	31.9	±2.5
	MCHC	g/L	325	±30	338	±30	342	±30
	RDW-CV	%	18.8	±3.0	17.6	±3.0	17.4	±3.0
	RDW-SD	fL	54.7	±10.0	56.0	±10.0	59.5	±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>65</b>	±20	<b>239</b>	±40	<b>475</b>	±60
MPV	fL	9.8	±3.0	10.0	±3.0	10.0	±3.0	
PDW	fL	13.0	±3.0	12.5	±3.0	12.4	±3.0	
PCT	%	0.063	±0.050	0.237	±0.100	0.473	±0.200	
P-LCR	%	26.8	±8.0	27.5	±8.0	27.4	±8.0	
P-LCC	×10 <sup>9</sup> /L	17	±15	65	±25	129	±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 BC0722

2022-06-13

2022-09-10

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>3.36</b>	±0.50	<b>8.14</b>	±1.00	<b>18.47</b>	±2.50
	Neu%	%	49.2	±9.0	56.0	±8.0	63.1	±7.0
	Lym%	%	37.8	±9.0	30.6	±8.0	20.8	±6.0
	Mon%	%	6.5	±4.0	6.0	±5.0	7.5	±6.0
	Eos%	%	5.0	±5.0	5.9	±5.9	7.1	±7.0
	Bas%	%	1.5	±1.5	1.5	±1.5	1.5	±1.5
	Neu#	×10 <sup>9</sup> /L	1.65	±0.40	4.56	±0.70	11.65	±1.40
	Lym#	×10 <sup>9</sup> /L	1.27	±0.40	2.49	±0.70	3.84	±1.10
	Mon#	×10 <sup>9</sup> /L	0.22	±0.14	0.49	±0.49	1.39	±1.10
	Eos#	×10 <sup>9</sup> /L	0.17	±0.15	0.48	±0.48	1.31	±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>2.34</b>	±0.18	<b>4.58</b>	±0.24	<b>5.35</b>	±0.50
	<b>HGB</b>	g/L	<b>58</b>	±4	<b>130</b>	±6	<b>168</b>	±8
	HCT	%	18.0	±2.0	39.1	±3.0	49.6	±4.0
	<b>MCV</b>	fL	<b>77.1</b>	±5.0	<b>85.4</b>	±5.0	<b>92.7</b>	±6.0
	MCH	pg	24.6	±2.5	28.0	±2.5	30.8	±2.5
	MCHC	g/L	316	±30	324	±30	329	±30
	RDW-CV	%	18.2	±3.0	16.8	±3.0	16.6	±3.0
	RDW-SD	fL	52.7	±10.0	53.5	±10.0	56.7	±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>69</b>	±20	<b>247</b>	±40	<b>485</b>	±60
MPV	fL	10.1	±3.0	10.1	±3.0	10.1	±3.0	
PDW	fL	13.0	±3.0	12.4	±3.0	12.4	±3.0	
PCT	%	0.069	±0.050	0.247	±0.100	0.483	±0.200	
P-LCR	%	28.6	±8.0	27.5	±8.0	27.3	±8.0	
P-LCC	×10 <sup>9</sup> /L	20	±15	67	±25	131	±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	BC0722
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	2022-06-13
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	2022-09-10
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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>2.31</b>	$\pm 0.18$	<b>4.54</b>	$\pm 0.24$	<b>5.37</b>	$\pm 0.50$
	<b>HGB</b>	g/L	<b>58</b>	$\pm 4$	<b>129</b>	$\pm 6$	<b>168</b>	$\pm 8$
	<b>HCT</b>	%	18.5	$\pm 2.0$	39.9	$\pm 3.0$	51.2	$\pm 4.0$
	<b>MCV</b>	fL	<b>80.1</b>	$\pm 5.0$	<b>87.9</b>	$\pm 5.0$	<b>95.3</b>	$\pm 6.0$
	<b>MCH</b>	pg	24.7	$\pm 2.5$	28.2	$\pm 2.5$	30.9	$\pm 2.5$
	<b>MCHC</b>	g/L	306	$\pm 30$	318	$\pm 30$	321	$\pm 30$
	<b>RDW-CV</b>	%	17.9	$\pm 3.0$	16.9	$\pm 3.0$	16.5	$\pm 3.0$
	<b>RDW-SD</b>	fL	51.0	$\pm 10.0$	52.4	$\pm 10.0$	55.4	$\pm 12.0$
	<b>PLT</b>	$\times 10^9/L$	<b>70</b>	$\pm 20$	<b>242</b>	$\pm 40$	<b>484</b>	$\pm 60$
	<b>MPV</b>	fL	10.2	$\pm 3.0$	10.1	$\pm 3.0$	10.1	$\pm 3.0$
	<b>PDW</b>	fL	12.8	$\pm 3.0$	12.5	$\pm 3.0$	12.5	$\pm 3.0$
	<b>PCT</b>	%	0.071	$\pm 0.050$	0.246	$\pm 0.100$	0.487	$\pm 0.200$
	<b>P-LCR</b>	%	29.1	$\pm 8.0$	27.9	$\pm 8.0$	27.4	$\pm 8.0$
	<b>P-LCC</b>	$\times 10^9/L$	20	$\pm 15$	68	$\pm 25$	132	$\pm 35$

**【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 BC0722

2022-06-13

2022-09-10

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>3.34</b>	±0.50	<b>7.94</b>	±1.00	<b>18.12</b>	±2.50
	Neu%	%	51.7	±9.0	55.6	±8.0	63.3	±7.0
	Lym%	%	37.1	±9.0	29.4	±8.0	18.0	±6.0
	Mon%	%	5.2	±4.0	5.0	±5.0	7.8	±6.0
	Eos%	%	6.0	±5.0	10.0	±6.0	10.9	±7.0
	Bas%	%	3.0	±3.0	2.2	±2.2	1.5	±1.5
	Neu#	×10 <sup>9</sup> /L	1.73	±0.40	4.41	±0.70	11.47	±1.40
	Lym#	×10 <sup>9</sup> /L	1.24	±0.40	2.33	±0.70	3.26	±1.10
	Mon#	×10 <sup>9</sup> /L	0.17	±0.14	0.40	±0.40	1.41	±1.10
	Eos#	×10 <sup>9</sup> /L	0.20	±0.15	0.79	±0.50	1.98	±1.30
	Bas#	×10 <sup>9</sup> /L	0.10	±0.10	0.17	±0.17	0.27	±0.27
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.28</b>	±0.18	<b>4.48</b>	±0.24	<b>5.31</b>	±0.50
	<b>HGB</b>	g/L	<b>58</b>	±4	<b>129</b>	±6	<b>169</b>	±8
	<b>HCT</b>	%	<b>17.2</b>	±2.0	<b>37.9</b>	±3.0	<b>48.9</b>	±4.0
	<b>MCV</b>	fL	<b>76.7</b>	±5.0	<b>85.1</b>	±5.0	<b>92.6</b>	±6.0
	<b>MCH</b>	pg	<b>24.9</b>	±2.5	<b>28.3</b>	±2.5	<b>31.3</b>	±2.5
	<b>MCHC</b>	g/L	<b>329</b>	±30	<b>334</b>	±30	<b>340</b>	±30
	<b>RDW-CV</b>	%	<b>15.8</b>	±3.0	<b>15.6</b>	±3.0	<b>16.3</b>	±3.0
	<b>RDW-SD</b>	fL	<b>49.7</b>	±10.0	<b>53.9</b>	±10.0	<b>61.3</b>	±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>74</b>	±20	<b>249</b>	±40	<b>466</b>	±60
<b>MPV</b>	fL	<b>9.5</b>	±3.0	<b>9.9</b>	±3.0	<b>10.0</b>	±3.0	
<b>PDW</b>	/	<b>14.9</b>	±3.0	<b>16.0</b>	±3.0	<b>16.0</b>	±3.0	
<b>PCT</b>	%	<b>0.070</b>	±0.050	<b>0.246</b>	±0.100	<b>0.466</b>	±0.200	
<b>P-LCR</b>	%	<b>33.5</b>	±8.0	<b>37.0</b>	±8.0	<b>37.4</b>	±8.0	
<b>P-LCC</b>	×10 <sup>9</sup> /L	<b>25</b>	±15	<b>92</b>	±25	<b>175</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 BC0722

2022-06-13

2022-09-10

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>3.34</b>	±0.50	<b>8.07</b>	±1.00	<b>18.47</b>	±2.50
	Neu%	%	52.5	±9.0	56.4	±8.0	63.6	±7.0
	Lym%	%	36.2	±9.0	29.6	±8.0	13.9	±6.0
	Mon%	%	5.5	±5.0	5.0	±5.0	11.4	±6.0
	Eos%	%	5.8	±5.0	9.0	±6.0	11.1	±7.0
	Bas%	%	3.4	±3.4	2.8	±2.8	1.7	±1.7
	Neu#	×10 <sup>9</sup> /L	1.75	±0.40	4.55	±0.70	11.75	±1.40
	Lym#	×10 <sup>9</sup> /L	1.21	±0.40	2.39	±0.70	2.57	±1.10
	Mon#	×10 <sup>9</sup> /L	0.18	±0.14	0.40	±0.40	2.11	±1.10
	Eos#	×10 <sup>9</sup> /L	0.19	±0.15	0.73	±0.50	2.05	±1.30
	Bas#	×10 <sup>9</sup> /L	0.11	±0.11	0.23	±0.23	0.31	±0.31
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.32</b>	±0.18	<b>4.56</b>	±0.24	<b>5.38</b>	±0.50
	<b>HGB</b>	g/L	<b>57</b>	±4	<b>129</b>	±6	<b>169</b>	±8
	HCT	%	18.1	±2.0	39.0	±3.0	49.6	±4.0
	<b>MCV</b>	fL	<b>78.0</b>	±5.0	<b>85.5</b>	±5.0	<b>92.3</b>	±6.0
	MCH	pg	24.4	±2.5	27.9	±2.5	31.0	±2.5
	MCHC	g/L	315	±30	329	±30	338	±30
	RDW-CV	%	15.1	±3.0	14.5	±3.0	14.2	±3.0
	RDW-SD	fL	49.0	±10.0	51.1	±10.0	53.8	±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>73</b>	±20	<b>245</b>	±40	<b>465</b>	±60
MPV	fL	10.4	±3.0	10.4	±3.0	10.4	±3.0	
PDW	fL	14.2	±3.0	14.6	±3.0	14.5	±3.0	
PCT	%	0.076	±0.050	0.254	±0.100	0.485	±0.200	
P-LCR	%	38.9	±8.0	40.3	±8.0	40.7	±8.0	
P-LCC	×10 <sup>9</sup> /L	28	±15	99	±25	189	±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 BC0722

2022-06-13

2022-09-10

Applicable Instrument	Parameter	Unit	Low		Normal		High	
DYMIND  DF50 DF51 DF52 DF53 DF55 DF56 (Technical File Version A12.0 or higher)	<b>WBC</b>	×10 <sup>9</sup> /L	<b>3.39</b>	±0.50	<b>8.17</b>	±1.00	<b>18.65</b>	±2.50
	Neu%	%	50.8	±9.0	57.2	±8.0	63.2	±7.0
	Lym%	%	39.0	±9.0	28.9	±8.0	17.1	±6.0
	Mon%	%	5.0	±4.0	5.5	±5.0	8.9	±6.0
	Eos%	%	5.2	±5.0	8.4	±6.0	10.8	±7.0
	Bas%	%	2.7	±2.7	2.1	±2.1	1.5	±1.5
	Neu#	×10 <sup>9</sup> /L	1.72	±0.40	4.67	±0.70	11.79	±1.40
	Lym#	×10 <sup>9</sup> /L	1.32	±0.40	2.36	±0.70	3.19	±1.10
	Mon#	×10 <sup>9</sup> /L	0.17	±0.14	0.45	±0.45	1.66	±1.10
	Eos#	×10 <sup>9</sup> /L	0.18	±0.15	0.69	±0.50	2.01	±1.30
	Bas#	×10 <sup>9</sup> /L	0.09	±0.09	0.17	±0.17	0.28	±0.28
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.32</b>	±0.18	<b>4.52</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	%	18.2	±2.0	38.1	±3.0	48.3	±4.0
	<b>MCV</b>	fL	<b>78.6</b>	±5.0	<b>84.1</b>	±5.0	<b>90.4</b>	±6.0
	MCH	pg	24.8	±2.5	28.4	±2.5	31.5	±2.5
	MCHC	g/L	316	±30	336	±30	347	±30
	RDW-CV	%	15.7	±3.0	15.2	±3.0	15.0	±3.0
	RDW-SD	fL	52.2	±10.0	54.8	±10.0	58.1	±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>70</b>	±20	<b>238</b>	±40	<b>451</b>	±60
MPV	fL	9.7	±3.0	9.8	±3.0	10.0	±3.0	
PDW	fL	12.8	±3.0	13.8	±3.0	13.6	±3.0	
PCT	%	0.069	±0.050	0.232	±0.100	0.449	±0.200	
P-LCR	%	34.2	±8.0	36.2	±8.0	36.8	±8.0	
P-LCC	×10 <sup>9</sup> /L	24	±15	86	±25	166	±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 BC0722

2022-06-13

2022-09-10

Applicable Instrument	Parameter	Unit	Low		Normal		High	
DYMIND  DF50 DF51 DF52 DF53 DF55 DF56 (Technical File Version B1.0 or higher)	<b>WBC</b>	$\times 10^9/L$	<b>3.39</b>	$\pm 0.50$	<b>8.15</b>	$\pm 1.00$	<b>18.51</b>	$\pm 2.50$
	Neu%	%	52.7	$\pm 9.0$	57.4	$\pm 8.0$	63.0	$\pm 7.0$
	Lym%	%	37.0	$\pm 9.0$	28.8	$\pm 8.0$	18.8	$\pm 6.0$
	Mon%	%	5.3	$\pm 4.0$	5.1	$\pm 5.0$	7.2	$\pm 6.0$
	Eos%	%	5.0	$\pm 5.0$	8.7	$\pm 6.0$	11.0	$\pm 7.0$
	Bas%	%	3.3	$\pm 3.3$	2.5	$\pm 2.5$	1.5	$\pm 1.5$
	Neu#	$\times 10^9/L$	1.79	$\pm 0.40$	4.68	$\pm 0.70$	11.66	$\pm 1.40$
	Lym#	$\times 10^9/L$	1.25	$\pm 0.40$	2.35	$\pm 0.70$	3.48	$\pm 1.10$
	Mon#	$\times 10^9/L$	0.18	$\pm 0.14$	0.42	$\pm 0.42$	1.33	$\pm 1.10$
	Eos#	$\times 10^9/L$	0.17	$\pm 0.15$	0.71	$\pm 0.50$	2.04	$\pm 1.30$
	Bas#	$\times 10^9/L$	0.11	$\pm 0.11$	0.20	$\pm 0.20$	0.28	$\pm 0.28$
	<b>RBC</b>	$\times 10^{12}/L$	<b>2.32</b>	$\pm 0.18$	<b>4.55</b>	$\pm 0.24$	<b>5.34</b>	$\pm 0.50$
	<b>HGB</b>	g/L	<b>58</b>	$\pm 4$	<b>130</b>	$\pm 6$	<b>170</b>	$\pm 8$
	HCT	%	18.0	$\pm 2.0$	38.2	$\pm 3.0$	48.3	$\pm 4.0$
	<b>MCV</b>	fL	<b>77.4</b>	$\pm 5.0$	<b>83.9</b>	$\pm 5.0$	<b>90.4</b>	$\pm 6.0$
	MCH	pg	24.8	$\pm 2.5$	28.4	$\pm 2.5$	31.6	$\pm 2.5$
	MCHC	g/L	320	$\pm 30$	338	$\pm 30$	350	$\pm 30$
	RDW-CV	%	15.4	$\pm 3.0$	14.7	$\pm 3.0$	14.4	$\pm 3.0$
	RDW-SD	fL	49.9	$\pm 10.0$	51.7	$\pm 10.0$	54.5	$\pm 12.0$
	<b>PLT</b>	$\times 10^9/L$	<b>76</b>	$\pm 20$	<b>251</b>	$\pm 40$	<b>474</b>	$\pm 60$
MPV	fL	9.5	$\pm 3.0$	9.5	$\pm 3.0$	9.7	$\pm 3.0$	
PDW	fL	13.9	$\pm 3.0$	14.7	$\pm 3.0$	14.5	$\pm 3.0$	
PCT	%	0.071	$\pm 0.050$	0.237	$\pm 0.100$	0.457	$\pm 0.200$	
P-LCR	%	32.1	$\pm 8.0$	33.9	$\pm 8.0$	34.7	$\pm 8.0$	
P-LCC	$\times 10^9/L$	24	$\pm 15$	85	$\pm 25$	164	$\pm 35$	

**【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.
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 BC0722

2022-06-13

2022-09-10

Applicable Instrument	Parameter	Unit	Low		Normal		High	
<b>DYMIND</b>	<b>WBC</b>	$\times 10^9/L$	<b>3.25</b>	$\pm 0.50$	<b>7.79</b>	$\pm 1.00$	<b>17.66</b>	$\pm 2.50$
	Neu%	%	51.4	$\pm 9.0$	56.6	$\pm 8.0$	63.7	$\pm 7.0$
DH71	Lym%	%	35.9	$\pm 9.0$	29.0	$\pm 8.0$	19.6	$\pm 6.0$
DH76	Mon%	%	6.9	$\pm 4.0$	6.8	$\pm 5.0$	8.0	$\pm 6.0$
(Technical File Version A4.1 to A10.3)	Eos%	%	5.8	$\pm 5.0$	7.6	$\pm 6.0$	8.7	$\pm 7.0$
	Bas%	%	62.3	$\pm 8.0$	70.6	$\pm 8.0$	80.5	$\pm 8.0$
DH51	Neu#	$\times 10^9/L$	1.67	$\pm 0.40$	4.41	$\pm 0.70$	11.25	$\pm 1.40$
DH53	Lym#	$\times 10^9/L$	1.17	$\pm 0.40$	2.26	$\pm 0.70$	3.46	$\pm 1.10$
DH56	Mon#	$\times 10^9/L$	0.22	$\pm 0.14$	0.53	$\pm 0.50$	1.41	$\pm 1.10$
(Technical File Version A8.1 or higher)	Eos#	$\times 10^9/L$	0.19	$\pm 0.15$	0.59	$\pm 0.50$	1.54	$\pm 1.30$
	Bas#	$\times 10^9/L$	2.02	$\pm 0.30$	5.50	$\pm 0.70$	14.21	$\pm 1.50$
	<b>RBC</b>	$\times 10^{12}/L$	<b>2.33</b>	$\pm 0.18$	<b>4.59</b>	$\pm 0.24$	<b>5.45</b>	$\pm 0.50$
	<b>HGB</b>	g/L	<b>57</b>	$\pm 4$	<b>129</b>	$\pm 6$	<b>167</b>	$\pm 8$
	HCT	%	18.8	$\pm 2.0$	40.6	$\pm 3.0$	52.3	$\pm 4.0$
	<b>MCV</b>	fL	<b>80.4</b>	$\pm 5.0$	<b>88.5</b>	$\pm 5.0$	<b>95.9</b>	$\pm 6.0$
	MCH	pg	24.1	$\pm 2.5$	27.9	$\pm 2.5$	30.4	$\pm 2.5$
	MCHC	g/L	298	$\pm 30$	314	$\pm 30$	315	$\pm 30$
	RDW-CV	%	18.1	$\pm 3.0$	17.0	$\pm 3.0$	16.6	$\pm 3.0$
	RDW-SD	fL	51.7	$\pm 10.0$	53.1	$\pm 10.0$	56.0	$\pm 12.0$
	<b>PLT</b>	$\times 10^9/L$	<b>67</b>	$\pm 20$	<b>246</b>	$\pm 40$	<b>502</b>	$\pm 60$
	MPV	fL	10.6	$\pm 3.0$	10.4	$\pm 3.0$	10.4	$\pm 3.0$
	PDW	/	10.1	$\pm 3.0$	10.2	$\pm 3.0$	10.1	$\pm 3.0$
	PCT	%	0.073	$\pm 0.050$	0.262	$\pm 0.100$	0.533	$\pm 0.200$
	P-LCR	%	31.6	$\pm 8.0$	29.9	$\pm 8.0$	29.9	$\pm 8.0$
	P-LCC	$\times 10^9/L$	22	$\pm 15$	75	$\pm 25$	153	$\pm 35$

**【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 BC0722

2022-06-13

2022-09-10

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>3.02</b>	±0.50	<b>7.13</b>	±1.00	<b>16.07</b>	±2.50
	Neu%	%	50.7	±9.0	56.3	±8.0	63.9	±7.0
	Lym%	%	37.7	±9.0	30.6	±8.0	20.5	±6.0
	Mon%	%	6.6	±4.0	6.5	±5.0	7.9	±6.0
	Eos%	%	5.0	±5.0	6.6	±6.0	7.7	±7.0
	Bas%	%	60.4	±8.0	69.2	±8.0	79.7	±8.0
	Neu#	×10 <sup>9</sup> /L	1.53	±0.40	4.02	±0.70	10.27	±1.40
	Lym#	×10 <sup>9</sup> /L	1.14	±0.40	2.18	±0.70	3.29	±1.10
	Mon#	×10 <sup>9</sup> /L	0.20	±0.14	0.46	±0.46	1.27	±1.10
	Eos#	×10 <sup>9</sup> /L	0.15	±0.15	0.47	±0.47	1.24	±1.24
	Bas#	×10 <sup>9</sup> /L	1.83	±0.30	4.94	±0.70	12.81	±1.50
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.31</b>	±0.18	<b>4.57</b>	±0.24	<b>5.39</b>	±0.50
	<b>HGB</b>	g/L	<b>56</b>	±4	<b>129</b>	±6	<b>166</b>	±8
	HCT	%	18.0	±2.0	39.0	±3.0	49.9	±4.0
	<b>MCV</b>	fL	<b>78.0</b>	±5.0	<b>85.4</b>	±5.0	<b>92.7</b>	±6.0
	MCH	pg	23.9	±2.5	27.6	±2.5	30.3	±2.5
	MCHC	g/L	307	±30	324	±30	326	±30
	RDW-CV	%	18.2	±3.0	17.3	±3.0	16.8	±3.0
	RDW-SD	fL	51.7	±10.0	53.6	±10.0	56.3	±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>63</b>	±20	<b>247</b>	±40	<b>502</b>	±60
MPV	fL	10.6	±3.0	10.3	±3.0	10.2	±3.0	
PDW	fL	12.1	±3.0	12.8	±3.0	12.7	±3.0	
PCT	%	0.066	±0.050	0.253	±0.100	0.513	±0.200	
P-LCR	%	29.3	±8.0	28.7	±8.0	28.4	±8.0	
P-LCC	×10 <sup>9</sup> /L	18	±15	71	±25	142	±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 BC0722

2022-06-13

2022-09-10

Applicable Instrument	Parameter	Unit	Low		Normal		High	
<b>DYMIND</b>  DH71 DH76 (Technical File Version A10.5 or higher)	<b>WBC</b>	$\times 10^9/L$	<b>3.29</b>	$\pm 0.50$	<b>7.90</b>	$\pm 1.00$	<b>18.22</b>	$\pm 2.50$
	Neu%	%	50.3	$\pm 9.0$	56.1	$\pm 8.0$	63.2	$\pm 7.0$
	Lym%	%	37.4	$\pm 9.0$	29.9	$\pm 8.0$	20.2	$\pm 6.0$
	Mon%	%	7.3	$\pm 4.0$	6.7	$\pm 5.0$	8.0	$\pm 6.0$
	Eos%	%	5.0	$\pm 5.0$	7.3	$\pm 6.0$	8.6	$\pm 7.0$
	Bas%	%	63.4	$\pm 8.0$	72.2	$\pm 8.0$	81.8	$\pm 8.0$
	Neu#	$\times 10^9/L$	1.66	$\pm 0.40$	4.43	$\pm 0.70$	11.51	$\pm 1.40$
	Lym#	$\times 10^9/L$	1.23	$\pm 0.40$	2.36	$\pm 0.70$	3.68	$\pm 1.10$
	Mon#	$\times 10^9/L$	0.24	$\pm 0.14$	0.53	$\pm 0.50$	1.46	$\pm 1.10$
	Eos#	$\times 10^9/L$	0.16	$\pm 0.15$	0.58	$\pm 0.50$	1.57	$\pm 1.30$
	Bas#	$\times 10^9/L$	2.09	$\pm 0.30$	5.71	$\pm 0.70$	14.90	$\pm 1.50$
	<b>RBC</b>	$\times 10^{12}/L$	<b>2.28</b>	$\pm 0.18$	<b>4.51</b>	$\pm 0.24$	<b>5.37</b>	$\pm 0.50$
	<b>HGB</b>	g/L	<b>57</b>	$\pm 4$	<b>130</b>	$\pm 6$	<b>168</b>	$\pm 8$
	HCT	%	17.4	$\pm 2.0$	38.0	$\pm 3.0$	49.3	$\pm 4.0$
	<b>MCV</b>	fL	<b>76.5</b>	$\pm 5.0$	<b>84.2</b>	$\pm 5.0$	<b>91.9</b>	$\pm 6.0$
	MCH	pg	24.5	$\pm 2.5$	28.2	$\pm 2.5$	30.6	$\pm 2.5$
	MCHC	g/L	317	$\pm 30$	332	$\pm 30$	331	$\pm 30$
	RDW-CV	%	18.3	$\pm 3.0$	17.1	$\pm 3.0$	16.7	$\pm 3.0$
	RDW-SD	fL	51.5	$\pm 10.0$	52.6	$\pm 10.0$	55.4	$\pm 12.0$
	<b>PLT</b>	$\times 10^9/L$	<b>60</b>	$\pm 20$	<b>238</b>	$\pm 40$	<b>485</b>	$\pm 60$
MPV	fL	10.2	$\pm 3.0$	10.0	$\pm 3.0$	9.9	$\pm 3.0$	
PDW	fL	12.5	$\pm 3.0$	12.2	$\pm 3.0$	12.2	$\pm 3.0$	
PCT	%	0.062	$\pm 0.050$	0.241	$\pm 0.100$	0.489	$\pm 0.200$	
P-LCR	%	27.9	$\pm 8.0$	26.9	$\pm 8.0$	26.4	$\pm 8.0$	
P-LCC	$\times 10^9/L$	17	$\pm 15$	65	$\pm 25$	130	$\pm 35$	

**【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 BC0722

2022-06-13

2022-09-10

Applicable Instrument	Parameter	Unit	Low		Normal		High	
<b>DYMIND</b>  D2-CRP D7-CRP DH71CRP DH73CRP (Technical File Version A3.0 to A5.11)	<b>WBC</b>	×10 <sup>9</sup> /L	<b>3.28</b>	±0.50	<b>7.73</b>	±1.00	<b>17.70</b>	±2.50
	Neu%	%	51.6	±9.0	57.0	±8.0	63.4	±7.0
	Lym%	%	36.7	±9.0	29.3	±8.0	19.6	±6.0
	Mon%	%	6.2	±4.0	6.0	±5.0	7.7	±6.0
	Eos%	%	5.5	±5.0	7.7	±6.0	9.3	±7.0
	Bas%	%	62.1	±8.0	71.2	±8.0	81.1	±8.0
	Neu#	×10 <sup>9</sup> /L	1.69	±0.40	4.41	±0.70	11.22	±1.40
	Lym#	×10 <sup>9</sup> /L	1.20	±0.40	2.27	±0.70	3.47	±1.10
	Mon#	×10 <sup>9</sup> /L	0.20	±0.14	0.46	±0.46	1.36	±1.10
	Eos#	×10 <sup>9</sup> /L	0.18	±0.15	0.60	±0.50	1.65	±1.30
	Bas#	×10 <sup>9</sup> /L	2.04	±0.30	5.51	±0.70	14.36	±1.50
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.29</b>	±0.18	<b>4.47</b>	±0.24	<b>5.27</b>	±0.50
	<b>HGB</b>	g/L	<b>57</b>	±4	<b>129</b>	±6	<b>166</b>	±8
	HCT	%	18.1	±2.0	38.9	±3.0	49.6	±4.0
	<b>MCV</b>	fL	<b>79.0</b>	±5.0	<b>87.0</b>	±5.0	<b>94.2</b>	±6.0
	MCH	pg	24.4	±2.5	28.3	±2.5	30.8	±2.5
	MCHC	g/L	308	±30	324	±30	326	±30
	RDW-CV	%	18.3	±3.0	17.2	±3.0	16.8	±3.0
	RDW-SD	fL	51.2	±10.0	52.8	±10.0	55.7	±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>66</b>	±20	<b>245</b>	±40	<b>501</b>	±60
	MPV	fL	10.9	±3.0	10.7	±3.0	10.7	±3.0
PDW	fL	13.3	±3.0	13.4	±3.0	13.5	±3.0	
PCT	%	0.071	±0.050	0.257	±0.100	0.527	±0.200	
P-LCR	%	32.4	±8.0	31.3	±8.0	31.3	±8.0	
P-LCC	×10 <sup>9</sup> /L	21	±15	76	±25	155	±35	
PDW	/	10.1	±3.0	10.1	±3.0	10.1	±3.0	

**【NOTE】**

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

# DM-5D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**

LOT BC0722

2022-06-13

2022-09-10

Applicable 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>3.21</b>	±0.50	<b>7.80</b>	±1.00	<b>17.75</b>	±2.50
	Neu%	%	50.1	±9.0	56.2	±8.0	63.8	±7.0
	Lym%	%	37.5	±9.0	30.0	±8.0	20.5	±6.0
	Mon%	%	7.4	±4.0	6.7	±5.0	8.0	±6.0
	Eos%	%	5.0	±5.0	7.1	±6.0	7.7	±7.0
	Bas%	%	63.3	±8.0	71.5	±8.0	81.5	±8.0
	Neu#	×10 <sup>9</sup> /L	1.61	±0.40	4.39	±0.70	11.32	±1.40
	Lym#	×10 <sup>9</sup> /L	1.20	±0.40	2.34	±0.70	3.64	±1.10
	Mon#	×10 <sup>9</sup> /L	0.24	±0.14	0.52	±0.50	1.42	±1.10
	Eos#	×10 <sup>9</sup> /L	0.16	±0.15	0.55	±0.50	1.37	±1.30
	Bas#	×10 <sup>9</sup> /L	2.03	±0.30	5.58	±0.70	14.46	±1.50
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.22</b>	±0.18	<b>4.40</b>	±0.24	<b>5.21</b>	±0.50
	<b>HGB</b>	g/L	<b>56</b>	±4	<b>128</b>	±6	<b>165</b>	±8
	HCT	%	17.6	±2.0	37.8	±3.0	48.5	±4.0
	<b>MCV</b>	fL	<b>79.2</b>	±5.0	<b>85.9</b>	±5.0	<b>93.0</b>	±6.0
	MCH	pg	25.0	±2.5	28.7	±2.5	31.2	±2.5
	MCHC	g/L	314	±30	333	±30	334	±30
	RDW-CV	%	18.4	±3.0	17.5	±3.0	17.0	±3.0
	RDW-SD	fL	52.5	±10.0	54.4	±10.0	57.3	±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>59</b>	±20	<b>242</b>	±40	<b>503</b>	±60
MPV	fL	10.6	±3.0	10.2	±3.0	10.3	±3.0	
PDW	fL	12.8	±3.0	12.9	±3.0	12.9	±3.0	
PCT	%	0.062	±0.050	0.246	±0.100	0.514	±0.200	
P-LCR	%	29.4	±8.0	28.5	±8.0	28.8	±8.0	
P-LCC	×10 <sup>9</sup> /L	17	±15	69	±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 BC0722

2022-06-13

2022-09-10

Applicable Instrument	Parameter	Unit	Low		Normal		High	
DYMIND  D2-CRP D7-CRP DH71CRP DH73CRP (Technical File Version A6.6 or higher)	<b>WBC</b>	×10 <sup>9</sup> /L	<b>3.37</b>	±0.50	<b>8.11</b>	±1.00	<b>18.72</b>	±2.50
	Neu%	%	49.8	±9.0	55.4	±8.0	63.4	±7.0
	Lym%	%	38.2	±9.0	30.4	±8.0	20.1	±6.0
	Mon%	%	7.0	±4.0	6.5	±5.0	7.8	±6.0
	Eos%	%	5.0	±5.0	7.7	±6.0	8.7	±7.0
	Bas%	%	63.9	±8.0	72.9	±8.0	82.3	±8.0
	Neu#	×10 <sup>9</sup> /L	1.68	±0.40	4.49	±0.70	11.87	±1.40
	Lym#	×10 <sup>9</sup> /L	1.29	±0.40	2.47	±0.70	3.76	±1.10
	Mon#	×10 <sup>9</sup> /L	0.24	±0.14	0.53	±0.50	1.46	±1.10
	Eos#	×10 <sup>9</sup> /L	0.17	±0.15	0.62	±0.50	1.63	±1.30
	Bas#	×10 <sup>9</sup> /L	2.16	±0.30	5.91	±0.70	15.40	±1.50
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.26</b>	±0.18	<b>4.48</b>	±0.24	<b>5.24</b>	±0.50
	<b>HGB</b>	g/L	<b>57</b>	±4	<b>128</b>	±6	<b>164</b>	±8
	HCT	%	17.6	±2.0	38.0	±3.0	48.3	±4.0
	<b>MCV</b>	fL	<b>77.7</b>	±5.0	<b>84.9</b>	±5.0	<b>92.2</b>	±6.0
	MCH	pg	25.6	±2.5	29.2	±2.5	32.0	±2.5
	MCHC	g/L	326	±30	341	±30	344	±30
	RDW-CV	%	18.1	±3.0	17.1	±3.0	16.6	±3.0
	RDW-SD	fL	51.7	±10.0	53.2	±10.0	55.7	±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>61</b>	±20	<b>244</b>	±40	<b>506</b>	±60
MPV	fL	10.1	±3.0	9.5	±3.0	9.6	±3.0	
PDW	fL	11.4	±3.0	11.4	±3.0	11.4	±3.0	
PCT	%	0.061	±0.050	0.232	±0.100	0.486	±0.200	
P-LCR	%	25.7	±8.0	23.8	±8.0	23.9	±8.0	
P-LCC	×10 <sup>9</sup> /L	16	±15	58	±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.



Low



Normal



High

# DM-5D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**

LOT BC0722

2022-06-13

2022-09-10

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>3.28</b>	±0.50	<b>7.83</b>	±1.00	<b>17.84</b>	±2.50
	Neu%	%	51.0	±9.0	56.7	±8.0	64.0	±7.0
	Lym%	%	36.8	±9.0	29.9	±8.0	19.9	±6.0
	Mon%	%	7.2	±4.0	6.6	±5.0	8.0	±6.0
	Eos%	%	5.0	±5.0	6.8	±6.0	8.1	±7.0
	Bas%	%	62.5	±8.0	71.4	±8.0	80.9	±8.0
	Neu#	×10 <sup>9</sup> /L	1.67	±0.40	4.44	±0.70	11.42	±1.40
	Lym#	×10 <sup>9</sup> /L	1.21	±0.40	2.34	±0.70	3.55	±1.10
	Mon#	×10 <sup>9</sup> /L	0.24	±0.14	0.52	±0.50	1.43	±1.10
	Eos#	×10 <sup>9</sup> /L	0.16	±0.15	0.53	±0.50	1.44	±1.30
	Bas#	×10 <sup>9</sup> /L	2.05	±0.30	5.59	±0.70	14.43	±1.50
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.23</b>	±0.18	<b>4.43</b>	±0.24	<b>5.24</b>	±0.50
	<b>HGB</b>	g/L	<b>59</b>	±4	<b>128</b>	±6	<b>164</b>	±8
	HCT	%	17.3	±2.0	37.5	±3.0	48.1	±4.0
	<b>MCV</b>	fL	<b>77.8</b>	±5.0	<b>84.5</b>	±5.0	<b>91.7</b>	±6.0
	MCH	pg	26.0	±2.5	28.6	±2.5	30.9	±2.5
	MCHC	g/L	331	±30	335	±30	334	±30
	RDW-CV	%	18.3	±3.0	17.4	±3.0	16.9	±3.0
	RDW-SD	fL	52.1	±10.0	53.3	±10.0	56.1	±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>63</b>	±20	<b>237</b>	±40	<b>488</b>	±60
MPV	fL	9.4	±3.0	9.7	±3.0	9.7	±3.0	
PDW	fL	12.5	±3.0	11.6	±3.0	11.7	±3.0	
PCT	%	0.059	±0.050	0.229	±0.100	0.474	±0.200	
P-LCR	%	24.7	±8.0	24.8	±8.0	25.0	±8.0	
P-LCC	×10 <sup>9</sup> /L	16	±15	59	±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.



Low



Normal



High

# DM-5D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**

LOT BC0722

2022-06-13

2022-09-10

Applicable 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>3.31</b>	±0.50	<b>7.99</b>	±1.00	<b>18.01</b>	±2.50
	Neu%	%	51.0	±9.0	55.9	±8.0	63.5	±7.0
	Lym%	%	36.7	±9.0	29.6	±8.0	20.1	±6.0
	Mon%	%	7.2	±4.0	6.7	±5.0	7.7	±6.0
	Eos%	%	5.1	±5.0	7.8	±6.0	8.7	±7.0
	Bas%	%	62.5	±8.0	71.7	±8.0	81.6	±8.0
	Neu#	×10 <sup>9</sup> /L	1.69	±0.40	4.46	±0.70	11.44	±1.40
	Lym#	×10 <sup>9</sup> /L	1.21	±0.40	2.36	±0.70	3.62	±1.10
	Mon#	×10 <sup>9</sup> /L	0.24	±0.14	0.54	±0.50	1.39	±1.10
	Eos#	×10 <sup>9</sup> /L	0.17	±0.15	0.62	±0.50	1.57	±1.30
	Bas#	×10 <sup>9</sup> /L	2.07	±0.30	5.73	±0.70	14.70	±1.50
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.29</b>	±0.18	<b>4.55</b>	±0.24	<b>5.36</b>	±0.50
	<b>HGB</b>	g/L	<b>58</b>	±4	<b>129</b>	±6	<b>165</b>	±8
	HCT	%	17.8	±2.0	38.6	±3.0	49.5	±4.0
	<b>MCV</b>	fL	<b>77.7</b>	±5.0	<b>84.7</b>	±5.0	<b>92.4</b>	±6.0
	MCH	pg	25.3	±2.5	28.1	±2.5	30.4	±2.5
	MCHC	g/L	321	±30	328	±30	328	±30
	RDW-CV	%	18.2	±3.0	17.2	±3.0	16.6	±3.0
	RDW-SD	fL	52.1	±10.0	53.6	±10.0	56.0	±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>62</b>	±20	<b>248</b>	±40	<b>510</b>	±60
MPV	fL	9.8	±3.0	10.0	±3.0	10.0	±3.0	
PDW	fL	13.4	±3.0	12.4	±3.0	12.2	±3.0	
PCT	%	0.061	±0.050	0.249	±0.100	0.511	±0.200	
P-LCR	%	27.2	±8.0	27.1	±8.0	26.6	±8.0	
P-LCC	×10 <sup>9</sup> /L	17	±15	68	±25	136	±35	

**【NOTE】**

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



Low



Normal



High

# DM-5D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**

LOT BC0722

2022-06-13

2022-09-10

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>3.28</b>	±0.50	<b>7.95</b>	±1.00	<b>18.21</b>	±2.50
	Neu%	%	51.5	±9.0	56.3	±8.0	63.4	±7.0
	Lym%	%	36.7	±9.0	29.4	±8.0	14.1	±6.0
	Mon%	%	6.0	±4.0	5.4	±5.0	11.5	±6.0
	Eos%	%	5.8	±5.0	8.9	±6.0	11.0	±7.0
	Bas%	%	1.9	±1.9	1.6	±1.6	1.5	±1.5
	Neu#	×10 <sup>9</sup> /L	1.69	±0.40	4.48	±0.70	11.54	±1.40
	Lym#	×10 <sup>9</sup> /L	1.20	±0.40	2.34	±0.70	2.57	±1.10
	Mon#	×10 <sup>9</sup> /L	0.20	±0.14	0.43	±0.43	2.09	±1.10
	Eos#	×10 <sup>9</sup> /L	0.19	±0.15	0.71	±0.50	2.00	±1.30
	Bas#	×10 <sup>9</sup> /L	0.06	±0.06	0.13	±0.13	0.27	±0.27
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.34</b>	±0.18	<b>4.56</b>	±0.24	<b>5.39</b>	±0.50
	<b>HGB</b>	g/L	<b>57</b>	±4	<b>130</b>	±6	<b>172</b>	±8
	HCT	%	18.3	±2.0	39.3	±3.0	50.3	±4.0
	<b>MCV</b>	fL	<b>78.4</b>	±5.0	<b>86.2</b>	±5.0	<b>93.4</b>	±6.0
	MCH	pg	24.0	±2.5	28.1	±2.5	31.4	±2.5
	MCHC	g/L	309	±30	328	±30	338	±30
	RDW-CV	%	14.3	±3.0	13.9	±3.0	13.6	±3.0
	RDW-SD	fL	47.4	±10.0	49.8	±10.0	52.6	±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>75</b>	±20	<b>248</b>	±40	<b>466</b>	±60
MPV	fL	9.4	±3.0	9.3	±3.0	9.5	±3.0	
PDW	fL	12.8	±3.0	13.5	±3.0	13.6	±3.0	
PCT	%	0.071	±0.050	0.230	±0.100	0.444	±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 BC0722

2022-06-13

2022-09-10

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>3.25</b>	±0.50	<b>7.94</b>	±1.00	<b>17.93</b>	±2.50
	Neu%	%	52.3	±9.0	56.7	±8.0	63.7	±7.0
	Lym%	%	37.0	±9.0	28.8	±8.0	19.3	±6.0
	Mon%	%	5.0	±4.0	5.0	±5.0	6.3	±6.0
	Eos%	%	5.7	±5.0	9.5	±6.0	10.7	±7.0
	Bas%	%	3.9	±3.9	3.1	±3.1	1.6	±1.6
	Neu#	×10 <sup>9</sup> /L	1.70	±0.40	4.50	±0.70	11.42	±1.40
	Lym#	×10 <sup>9</sup> /L	1.20	±0.40	2.29	±0.70	3.46	±1.10
	Mon#	×10 <sup>9</sup> /L	0.16	±0.14	0.40	±0.40	1.13	±1.10
	Eos#	×10 <sup>9</sup> /L	0.19	±0.15	0.75	±0.50	1.92	±1.30
	Bas#	×10 <sup>9</sup> /L	0.13	±0.13	0.25	±0.25	0.29	±0.29
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.28</b>	±0.18	<b>4.44</b>	±0.24	<b>5.23</b>	±0.50
	<b>HGB</b>	g/L	<b>57</b>	±4	<b>128</b>	±6	<b>167</b>	±8
	HCT	%	17.8	±2.0	38.0	±3.0	49.2	±4.0
	<b>MCV</b>	fL	<b>78.0</b>	±5.0	<b>85.7</b>	±5.0	<b>94.2</b>	±6.0
	MCH	pg	25.0	±2.5	28.6	±2.5	31.6	±2.5
	MCHC	g/L	321	±30	334	±30	336	±30
	RDW-CV	%	15.7	±3.0	15.1	±3.0	14.2	±3.0
	RDW-SD	fL	51.0	±10.0	53.5	±10.0	55.2	±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>69</b>	±20	<b>247</b>	±40	<b>463</b>	±60
MPV	fL	9.7	±3.0	9.5	±3.0	9.7	±3.0	
PDW	fL	12.7	±3.0	13.6	±3.0	13.4	±3.0	
PCT	%	0.067	±0.050	0.235	±0.100	0.449	±0.200	
P-LCR	%	32.0	±8.0	34.0	±8.0	34.9	±8.0	
P-LCC	×10 <sup>9</sup> /L	22	±15	84	±25	162	±35	

**【NOTE】**

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

# DM-5D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**

LOT BC0722

2022-06-13

2022-09-10

Applicable Instrument	Parameter	Unit	Low		Normal		High	
DYMIND  DF1-CRP DF3-CRP DF5-CRP DF50CRP DF52CRP DF53CRP (Technical File Version A6.0 )	<b>WBC</b>	×10 <sup>9</sup> /L	<b>3.28</b>	±0.50	<b>8.05</b>	±1.00	<b>18.31</b>	±2.50
	Neu%	%	51.0	±9.0	56.7	±8.0	62.8	±7.0
	Lym%	%	38.3	±9.0	29.2	±8.0	18.4	±6.0
	Mon%	%	5.0	±4.0	5.3	±5.0	7.9	±6.0
	Eos%	%	5.7	±5.0	8.8	±6.0	10.9	±7.0
	Bas%	%	2.7	±2.7	2.1	±2.1	1.5	±1.5
	Neu#	×10 <sup>9</sup> /L	1.67	±0.40	4.56	±0.70	11.50	±1.40
	Lym#	×10 <sup>9</sup> /L	1.26	±0.40	2.35	±0.70	3.37	±1.10
	Mon#	×10 <sup>9</sup> /L	0.16	±0.14	0.43	±0.43	1.45	±1.10
	Eos#	×10 <sup>9</sup> /L	0.19	±0.15	0.71	±0.50	2.00	±1.30
	Bas#	×10 <sup>9</sup> /L	0.09	±0.09	0.17	±0.17	0.27	±0.27
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.26</b>	±0.18	<b>4.41</b>	±0.24	<b>5.19</b>	±0.50
	<b>HGB</b>	g/L	<b>57</b>	±4	<b>128</b>	±6	<b>167</b>	±8
	HCT	%	17.7	±2.0	37.1	±3.0	47.1	±4.0
	<b>MCV</b>	fL	<b>78.1</b>	±5.0	<b>84.1</b>	±5.0	<b>90.8</b>	±6.0
	MCH	pg	25.2	±2.5	28.8	±2.5	31.9	±2.5
	MCHC	g/L	323	±30	343	±30	352	±30
	RDW-CV	%	15.8	±3.0	15.3	±3.0	15.0	±3.0
	RDW-SD	fL	51.9	±10.0	54.9	±10.0	58.1	±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>69</b>	±20	<b>245</b>	±40	<b>470</b>	±60
MPV	fL	9.6	±3.0	9.3	±3.0	9.5	±3.0	
PDW	fL	12.2	±3.0	12.7	±3.0	12.8	±3.0	
PCT	%	0.066	±0.050	0.228	±0.100	0.446	±0.200	
P-LCR	%	32.3	±8.0	32.6	±8.0	33.4	±8.0	
P-LCC	×10 <sup>9</sup> /L	22	±15	80	±25	157	±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 BC0722

2022-06-13

2022-09-10

Applicable Instrument	Parameter	Unit	Low		Normal		High	
<b>DYMIND</b>  DF1-CRP DF3-CRP DF5-CRP DF50CRP DF52CRP DF53CRP (Technical File Version A6.1 or higher)	<b>WBC</b>	$\times 10^9/L$	<b>3.39</b>	$\pm 0.50$	<b>8.19</b>	$\pm 1.00$	<b>18.89</b>	$\pm 2.50$
	Neu%	%	51.3	$\pm 9.0$	56.4	$\pm 8.0$	62.6	$\pm 7.0$
	Lym%	%	38.1	$\pm 9.0$	29.7	$\pm 8.0$	18.0	$\pm 6.0$
	Mon%	%	5.6	$\pm 4.0$	5.5	$\pm 5.0$	8.7	$\pm 6.0$
	Eos%	%	5.0	$\pm 5.0$	8.4	$\pm 6.0$	10.7	$\pm 7.0$
	Bas%	%	2.7	$\pm 2.7$	2.2	$\pm 2.2$	1.5	$\pm 1.5$
	Neu#	$\times 10^9/L$	1.74	$\pm 0.40$	4.62	$\pm 0.70$	11.82	$\pm 1.40$
	Lym#	$\times 10^9/L$	1.29	$\pm 0.40$	2.43	$\pm 0.70$	3.40	$\pm 1.10$
	Mon#	$\times 10^9/L$	0.19	$\pm 0.14$	0.45	$\pm 0.45$	1.64	$\pm 1.10$
	Eos#	$\times 10^9/L$	0.17	$\pm 0.15$	0.69	$\pm 0.50$	2.02	$\pm 1.30$
	Bas#	$\times 10^9/L$	0.09	$\pm 0.09$	0.18	$\pm 0.18$	0.28	$\pm 0.28$
	<b>RBC</b>	$\times 10^{12}/L$	<b>2.29</b>	$\pm 0.18$	<b>4.49</b>	$\pm 0.24$	<b>5.29</b>	$\pm 0.50$
	<b>HGB</b>	g/L	<b>57</b>	$\pm 4$	<b>128</b>	$\pm 6$	<b>169</b>	$\pm 8$
	HCT	%	18.0	$\pm 2.0$	37.7	$\pm 3.0$	48.3	$\pm 4.0$
	<b>MCV</b>	fL	<b>78.5</b>	$\pm 5.0$	<b>84.1</b>	$\pm 5.0$	<b>91.4</b>	$\pm 6.0$
	MCH	pg	25.1	$\pm 2.5$	28.6	$\pm 2.5$	31.9	$\pm 2.5$
	MCHC	g/L	320	$\pm 30$	339	$\pm 30$	349	$\pm 30$
	RDW-CV	%	15.4	$\pm 3.0$	14.9	$\pm 3.0$	14.5	$\pm 3.0$
	RDW-SD	fL	50.8	$\pm 10.0$	53.4	$\pm 10.0$	56.0	$\pm 12.0$
	<b>PLT</b>	$\times 10^9/L$	<b>60</b>	$\pm 20$	<b>249</b>	$\pm 40$	<b>516</b>	$\pm 60$
MPV	fL	9.6	$\pm 3.0$	9.3	$\pm 3.0$	9.6	$\pm 3.0$	
PDW	fL	11.8	$\pm 3.0$	12.4	$\pm 3.0$	12.7	$\pm 3.0$	
PCT	%	0.057	$\pm 0.050$	0.230	$\pm 0.100$	0.495	$\pm 0.200$	
P-LCR	%	32.4	$\pm 8.0$	32.0	$\pm 8.0$	33.5	$\pm 8.0$	
P-LCC	$\times 10^9/L$	19	$\pm 15$	80	$\pm 25$	173	$\pm 35$	

**【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 BC0722

2022-06-13

2022-09-10

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>3.32</b>	$\pm 0.50$	<b>7.83</b>	$\pm 1.00$	<b>17.65</b>	$\pm 2.50$
	Neu%	%	50.6	$\pm 9.0$	55.6	$\pm 8.0$	62.6	$\pm 7.0$
	Lym%	%	36.5	$\pm 9.0$	29.0	$\pm 8.0$	19.5	$\pm 6.0$
	Mon%	%	7.4	$\pm 4.0$	6.9	$\pm 5.0$	8.2	$\pm 6.0$
	Eos%	%	5.5	$\pm 5.0$	8.5	$\pm 6.0$	9.7	$\pm 7.0$
	Bas%	%	61.2	$\pm 8.0$	70.1	$\pm 8.0$	80.1	$\pm 8.0$
	Neu#	$\times 10^9/L$	1.68	$\pm 0.40$	4.35	$\pm 0.70$	11.05	$\pm 1.40$
	Lym#	$\times 10^9/L$	1.21	$\pm 0.40$	2.27	$\pm 0.70$	3.44	$\pm 1.10$
	Mon#	$\times 10^9/L$	0.25	$\pm 0.14$	0.54	$\pm 0.50$	1.45	$\pm 1.10$
	Eos#	$\times 10^9/L$	0.18	$\pm 0.15$	0.67	$\pm 0.50$	1.71	$\pm 1.30$
	Bas#	$\times 10^9/L$	2.03	$\pm 0.30$	5.49	$\pm 0.70$	14.14	$\pm 1.50$
	<b>RBC</b>	$\times 10^{12}/L$	<b>2.29</b>	$\pm 0.18$	<b>4.54</b>	$\pm 0.24$	<b>5.36</b>	$\pm 0.50$
	<b>HGB</b>	g/L	<b>59</b>	$\pm 4$	<b>130</b>	$\pm 6$	<b>167</b>	$\pm 8$
	HCT	%	17.5	$\pm 2.0$	38.2	$\pm 3.0$	49.2	$\pm 4.0$
	<b>MCV</b>	fL	<b>76.6</b>	$\pm 5.0$	<b>84.1</b>	$\pm 5.0$	<b>91.8</b>	$\pm 6.0$
	MCH	pg	25.7	$\pm 2.5$	28.4	$\pm 2.5$	30.7	$\pm 2.5$
	MCHC	g/L	331	$\pm 30$	330	$\pm 30$	328	$\pm 30$
	RDW-CV	%	18.1	$\pm 3.0$	17.1	$\pm 3.0$	16.6	$\pm 3.0$
	RDW-SD	fL	51.2	$\pm 10.0$	52.8	$\pm 10.0$	55.5	$\pm 12.0$
	<b>PLT</b>	$\times 10^9/L$	<b>61</b>	$\pm 20$	<b>243</b>	$\pm 40$	<b>506</b>	$\pm 60$
MPV	fL	10.2	$\pm 3.0$	10.2	$\pm 3.0$	10.2	$\pm 3.0$	
PDW	fL	13.3	$\pm 3.0$	12.6	$\pm 3.0$	12.5	$\pm 3.0$	
PCT	%	0.062	$\pm 0.050$	0.246	$\pm 0.100$	0.510	$\pm 0.200$	
P-LCR	%	29.4	$\pm 8.0$	28.1	$\pm 8.0$	28.1	$\pm 8.0$	
P-LCC	$\times 10^9/L$	18	$\pm 15$	68	$\pm 25$	140	$\pm 35$	

**【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 BC0722

2022-06-13

2022-09-10

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>3.34</b>	±0.50	<b>7.99</b>	±1.00	<b>18.20</b>	±2.50
	Neu%	%	50.2	±9.0	55.0	±8.0	62.5	±7.0
	Lym%	%	36.3	±9.0	29.3	±8.0	19.8	±6.0
	Mon%	%	6.9	±4.0	6.4	±5.0	7.7	±6.0
	Eos%	%	5.1	±5.0	7.8	±6.0	8.5	±7.0
	Bas%	%	1.5	±1.5	1.5	±1.5	1.5	±1.5
	Neu#	×10 <sup>9</sup> /L	1.68	±0.40	4.40	±0.70	11.38	±1.40
	Lym#	×10 <sup>9</sup> /L	1.21	±0.40	2.34	±0.70	3.60	±1.10
	Mon#	×10 <sup>9</sup> /L	0.23	±0.14	0.51	±0.50	1.40	±1.10
	Eos#	×10 <sup>9</sup> /L	0.17	±0.15	0.62	±0.50	1.55	±1.30
	Bas#	×10 <sup>9</sup> /L	0.05	±0.05	0.12	±0.12	0.27	±0.27
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.30</b>	±0.18	<b>4.49</b>	±0.24	<b>5.29</b>	±0.50
	<b>HGB</b>	g/L	<b>59</b>	±4	<b>128</b>	±6	<b>165</b>	±8
	HCT	%	17.9	±2.0	38.3	±3.0	49.8	±4.0
	<b>MCV</b>	fL	<b>77.8</b>	±5.0	<b>85.4</b>	±5.0	<b>94.2</b>	±6.0
	MCH	pg	25.2	±2.5	27.9	±2.5	30.7	±2.5
	MCHC	g/L	322	±30	325	±30	324	±30
	RDW-CV	%	18.6	±3.0	17.6	±3.0	16.3	±3.0
	RDW-SD	fL	45.8	±10.0	47.1	±10.0	48.2	±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>59</b>	±20	<b>233</b>	±40	<b>469</b>	±60
MPV	fL	9.8	±3.0	9.1	±3.0	9.3	±3.0	
PDW	fL	10.7	±3.0	10.9	±3.0	10.7	±3.0	
PCT	%	0.059	±0.050	0.213	±0.100	0.435	±0.200	
P-LCR	%	23.2	±8.0	21.7	±8.0	22.2	±8.0	
P-LCC	×10 <sup>9</sup> /L	15	±15	51	±25	104	±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