
	文件类型	技术文件	文件版本	V9.2.0		
	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 BC0323 2023-05-10</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
V9.2.0	/	新建		黄江妮	郑剑通	2023.03.06
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**

 2023-02-10

 2023-05-10

Applicable Instruments	Parameter	Unit	LOT BC0323L	LOT BC0323N	LOT BC0323H
DYMIND  D1-CRP D3-CRP D5-CRP DH51CRP DH53CRP DH56CRP (Technical File Version A9.0 to A11.9)	<b>WBC</b>	×10 <sup>9</sup> /L	<b>3.42</b> ±0.50	<b>7.93</b> ±1.00	<b>18.01</b> ±2.50
	Neu%	%	47.4 ±9.0	56.8 ±8.0	66.0 ±7.0
	Lym%	%	41.7 ±9.0	31.8 ±8.0	21.1 ±6.0
	Mon%	%	7.5 ±4.0	7.4 ±5.0	8.0 ±6.0
	Eos%	%	3.4 ±3.4	4.0 ±4.0	4.9 ±4.9
	Bas%	%	59.6 ±8.0	69.4 ±8.0	79.8 ±8.0
	Neu#	×10 <sup>9</sup> /L	1.62 ±0.40	4.51 ±0.70	11.89 ±1.40
	Lym#	×10 <sup>9</sup> /L	1.42 ±0.40	2.52 ±0.70	3.80 ±1.10
	Mon#	×10 <sup>9</sup> /L	0.26 ±0.14	0.59 ±0.50	1.44 ±1.10
	Eos#	×10 <sup>9</sup> /L	0.12 ±0.12	0.32 ±0.32	0.88 ±0.88
	Bas#	×10 <sup>9</sup> /L	2.04 ±0.30	5.51 ±0.70	14.37 ±1.50
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.26</b> ±0.18	<b>4.49</b> ±0.24	<b>5.33</b> ±0.50
	<b>HGB</b>	g/L	<b>56</b> ±4	<b>129</b> ±6	<b>165</b> ±8
	HCT	%	18.1 ±2.0	40.5 ±3.0	51.3 ±4.0
	<b>MCV</b>	fL	<b>80.0</b> ±5.0	<b>90.2</b> ±5.0	<b>96.2</b> ±6.0
	MCH	pg	24.8 ±2.5	28.8 ±2.5	31.0 ±2.5
	MCHC	g/L	310 ±30	320 ±30	322 ±30
	RDW-CV	%	18.2 ±3.0	16.5 ±3.0	16.2 ±3.0
	RDW-SD	fL	51.0 ±10.0	51.6 ±10.0	53.9 ±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>39</b> ±20	<b>265</b> ±40	<b>536</b> ±60
	MPV	fL	10.3 ±3.0	10.4 ±3.0	10.2 ±3.0
	PDW	fL	12.8 ±3.0	12.9 ±3.0	12.5 ±3.0
	PCT	%	0.040 ±0.040	0.276 ±0.100	0.547 ±0.200
P-LCR	%	26.4 ±8.0	29.4 ±8.0	26.7 ±8.0	
P-LCC	×10 <sup>9</sup> /L	15 ±15	78 ±25	143 ±35	
PDW	/	10.0 ±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**
 2023-02-10

 2023-05-10

Applicable Instruments	Parameter	Unit	LOT BC0323L	LOT BC0323N	LOT BC0323H
DYMIND  D1-CRP D3-CRP D5-CRP DH51CRP DH53CRP DH56CRP (Technical File Version A11.11)	<b>WBC</b>	×10 <sup>9</sup> /L	<b>3.53</b> ±0.50	<b>8.51</b> ±1.00	<b>19.45</b> ±2.50
	Neu%	%	47.2 ±9.0	56.9 ±8.0	66.0 ±7.0
	Lym%	%	43.0 ±9.0	32.5 ±8.0	21.6 ±6.0
	Mon%	%	6.2 ±4.0	6.4 ±5.0	6.9 ±6.0
	Eos%	%	3.6 ±3.6	4.2 ±4.2	5.5 ±5.5
	Bas%	%	59.8 ±8.0	69.5 ±8.0	80.0 ±8.0
	Neu#	×10 <sup>9</sup> /L	1.67 ±0.40	4.84 ±0.70	12.84 ±1.40
	Lym#	×10 <sup>9</sup> /L	1.52 ±0.40	2.77 ±0.70	4.20 ±1.10
	Mon#	×10 <sup>9</sup> /L	0.22 ±0.14	0.54 ±0.50	1.34 ±1.10
	Eos#	×10 <sup>9</sup> /L	0.13 ±0.13	0.36 ±0.36	1.07 ±1.07
	Bas#	×10 <sup>9</sup> /L	2.11 ±0.30	5.91 ±0.70	15.56 ±1.50
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.26</b> ±0.18	<b>4.51</b> ±0.24	<b>5.39</b> ±0.50
	<b>HGB</b>	g/L	<b>55</b> ±4	<b>128</b> ±6	<b>165</b> ±8
	HCT	%	17.7 ±2.0	38.9 ±3.0	49.4 ±4.0
	<b>MCV</b>	fL	<b>78.1</b> ±5.0	<b>86.3</b> ±5.0	<b>91.7</b> ±6.0
	MCH	pg	24.4 ±2.5	28.5 ±2.5	30.6 ±2.5
	MCHC	g/L	312 ±30	330 ±30	334 ±30
	RDW-CV	%	18.0 ±3.0	16.1 ±3.0	15.8 ±3.0
	RDW-SD	fL	49.9 ±10.0	50.1 ±10.0	52.2 ±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>42</b> ±20	<b>265</b> ±40	<b>541</b> ±60
	MPV	fL	10.4 ±3.0	10.5 ±3.0	10.2 ±3.0
	PDW	fL	13.5 ±3.0	13.1 ±3.0	12.5 ±3.0
	PCT	%	0.044 ±0.044	0.278 ±0.100	0.552 ±0.200
P-LCR	%	28.6 ±8.0	30.2 ±8.0	27.2 ±8.0	
P-LCC	×10 <sup>9</sup> /L	12 ±12	80 ±25	147 ±35	

**【NOTE】**


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


# DM-5D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**

 2023-02-10

 2023-05-10

Applicable Instruments	Parameter	Unit	LOT BC0323L	LOT BC0323N	LOT BC0323H
<b>DYMIND</b>  D1-CRP D3-CRP D5-CRP DH51CRP DH53CRP DH56CRP (Technical File Version A11.12 or higher)	<b>WBC</b>	×10 <sup>9</sup> /L	<b>3.61</b> ±0.50	<b>8.74</b> ±1.00	<b>19.90</b> ±2.50
	Neu%	%	47.6 ±9.0	56.8 ±8.0	65.7 ±7.0
	Lym%	%	41.2 ±9.0	31.4 ±8.0	21.3 ±6.0
	Mon%	%	7.5 ±4.0	7.5 ±5.0	7.8 ±6.0
	Eos%	%	3.7 ±3.7	4.3 ±4.3	5.2 ±5.2
	Bas%	%	60.0 ±8.0	69.9 ±8.0	80.3 ±8.0
	Neu#	×10 <sup>9</sup> /L	1.72 ±0.40	4.97 ±0.70	13.07 ±1.40
	Lym#	×10 <sup>9</sup> /L	1.49 ±0.40	2.75 ±0.70	4.24 ±1.10
	Mon#	×10 <sup>9</sup> /L	0.27 ±0.14	0.66 ±0.50	1.55 ±1.10
	Eos#	×10 <sup>9</sup> /L	0.13 ±0.13	0.38 ±0.38	1.03 ±1.03
	Bas#	×10 <sup>9</sup> /L	2.16 ±0.30	6.11 ±0.70	15.98 ±1.50
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.30</b> ±0.18	<b>4.62</b> ±0.24	<b>5.46</b> ±0.50
	<b>HGB</b>	g/L	<b>56</b> ±4	<b>130</b> ±6	<b>166</b> ±8
	HCT	%	17.6 ±2.0	39.4 ±3.0	49.8 ±4.0
	<b>MCV</b>	fL	<b>76.6</b> ±5.0	<b>85.3</b> ±5.0	<b>91.3</b> ±6.0
	MCH	pg	24.4 ±2.5	28.2 ±2.5	30.5 ±2.5
	MCHC	g/L	318 ±30	330 ±30	334 ±30
	RDW-CV	%	17.9 ±3.0	16.0 ±3.0	15.7 ±3.0
	RDW-SD	fL	49.2 ±10.0	49.3 ±10.0	51.3 ±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>40</b> ±20	<b>258</b> ±40	<b>533</b> ±60
	MPV	fL	10.3 ±3.0	10.2 ±3.0	10.0 ±3.0
	PDW	fL	12.2 ±3.0	12.5 ±3.0	12.1 ±3.0
	PCT	%	0.041 ±0.041	0.263 ±0.100	0.533 ±0.200
P-LCR	%	26.8 ±8.0	29.1 ±8.0	24.9 ±8.0	
P-LCC	×10 <sup>9</sup> /L	14 ±14	75 ±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**

 2023-02-10

 2023-05-10

Applicable Instruments	Parameter	Unit	LOT BC0323L	LOT BC0323N	LOT BC0323H
<b>DYMIND</b>  UN71 UN73 UN76 DH73 (Technical File Version A2.0 to A5.3)	<b>WBC</b>	×10 <sup>9</sup> /L	<b>3.55</b> ±0.50	<b>8.22</b> ±1.00	<b>18.78</b> ±2.50
	Neu%	%	47.3 ±9.0	55.5 ±8.0	63.8 ±7.0
	Lym%	%	40.1 ±9.0	30.4 ±8.0	20.0 ±6.0
	Mon%	%	8.1 ±4.0	8.2 ±5.0	8.0 ±6.0
	Eos%	%	4.5 ±4.5	5.9 ±5.9	8.2 ±7.0
	Bas%	%	0.1 ±0.1	0.1 ±0.1	0.1 ±0.1
	Neu#	×10 <sup>9</sup> /L	1.68 ±0.40	4.56 ±0.70	11.98 ±1.40
	Lym#	×10 <sup>9</sup> /L	1.43 ±0.40	2.50 ±0.70	3.76 ±1.10
	Mon#	×10 <sup>9</sup> /L	0.29 ±0.14	0.67 ±0.50	1.50 ±1.10
	Eos#	×10 <sup>9</sup> /L	0.16 ±0.15	0.49 ±0.49	1.54 ±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>2.31</b> ±0.18	<b>4.57</b> ±0.24	<b>5.48</b> ±0.50
	<b>HGB</b>	g/L	<b>58</b> ±4	<b>132</b> ±6	<b>170</b> ±8
	HCT	%	18.5 ±2.0	41.2 ±3.0	53.1 ±4.0
	<b>MCV</b>	fL	<b>80.4</b> ±5.0	<b>90.2</b> ±5.0	<b>96.9</b> ±6.0
	MCH	pg	25.2 ±2.5	28.9 ±2.5	31.0 ±2.5
	MCHC	g/L	314 ±30	321 ±30	319 ±30
	RDW-CV	%	18.0 ±3.0	16.0 ±3.0	15.7 ±3.0
	RDW-SD	fL	49.4 ±10.0	49.0 ±10.0	51.0 ±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>49</b> ±20	<b>264</b> ±40	<b>509</b> ±60
	MPV	fL	10.3 ±3.0	10.5 ±3.0	10.2 ±3.0
PDW	fL	10.1 ±3.0	10.2 ±3.0	10.2 ±3.0	
PCT	%	0.050 ±0.050	0.277 ±0.100	0.519 ±0.200	
P-LCR	%	30.8 ±8.0	29.6 ±8.0	26.2 ±8.0	
P-LCC	×10 <sup>9</sup> /L	15 ±15	78 ±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**

 2023-02-10

 2023-05-10

Applicable Instruments	Parameter	Unit	LOT BC0323L	LOT BC0323N	LOT BC0323H
<b>DYMIND</b>  UN71 UN73 UN76 DH73  Technical File Version A5.5 to A6.2)	<b>WBC</b>	×10 <sup>9</sup> /L	<b>3.51</b> ±0.50	<b>7.98</b> ±1.00	<b>18.03</b> ±2.50
	Neu%	%	47.9 ±9.0	56.5 ±8.0	66.7 ±7.0
	Lym%	%	41.1 ±9.0	31.0 ±8.0	21.4 ±6.0
	Mon%	%	7.5 ±4.0	7.5 ±5.0	7.6 ±6.0
	Eos%	%	2.9 ±2.9	4.4 ±4.4	3.6 ±3.6
	Bas%	%	0.6 ±0.6	0.6 ±0.6	0.7 ±0.7
	Neu#	×10 <sup>9</sup> /L	1.68 ±0.40	4.51 ±0.70	12.02 ±1.40
	Lym#	×10 <sup>9</sup> /L	1.44 ±0.40	2.48 ±0.70	3.86 ±1.10
	Mon#	×10 <sup>9</sup> /L	0.26 ±0.14	0.60 ±0.50	1.37 ±1.10
	Eos#	×10 <sup>9</sup> /L	0.10 ±0.10	0.35 ±0.35	0.65 ±0.65
	Bas#	×10 <sup>9</sup> /L	0.02 ±0.02	0.05 ±0.05	0.13 ±0.13
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.26</b> ±0.18	<b>4.43</b> ±0.24	<b>5.24</b> ±0.50
	<b>HGB</b>	g/L	<b>57</b> ±4	<b>130</b> ±6	<b>166</b> ±8
	HCT	%	17.5 ±2.0	38.8 ±3.0	49.3 ±4.0
	<b>MCV</b>	fL	<b>77.6</b> ±5.0	<b>87.6</b> ±5.0	<b>93.9</b> ±6.0
	MCH	pg	25.3 ±2.5	29.4 ±2.5	31.7 ±2.5
	MCHC	g/L	326 ±30	335 ±30	337 ±30
	RDW-CV	%	18.6 ±3.0	16.8 ±3.0	16.5 ±3.0
	RDW-SD	fL	53.5 ±10.0	54.0 ±10.0	56.4 ±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>46</b> ±20	<b>261</b> ±40	<b>511</b> ±60
MPV	fL	9.7 ±3.0	10.1 ±3.0	10.0 ±3.0	
PDW	fL	12.8 ±3.0	12.4 ±3.0	12.3 ±3.0	
PCT	%	0.045 ±0.045	0.263 ±0.100	0.511 ±0.200	
P-LCR	%	27.3 ±8.0	28.0 ±8.0	25.4 ±8.0	
P-LCC	×10 <sup>9</sup> /L	15 ±15	73 ±25	130 ±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.



BC0323L



BC0323N




BC0323H


# DM-5D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**

 2023-02-10

 2023-05-10

Applicable Instruments	Parameter	Unit	LOT BC0323L	LOT BC0323N	LOT BC0323H
<b>DYMIND</b>  UN71 UN73 UN76 DH73 (Technical File Version A6.3 or higher)	<b>WBC</b>	×10 <sup>9</sup> /L	<b>3.53</b> ±0.50	<b>8.10</b> ±1.00	<b>18.47</b> ±2.50
	Neu%	%	48.0 ±9.0	56.4 ±8.0	65.9 ±7.0
	Lym%	%	41.0 ±9.0	31.3 ±8.0	21.7 ±6.0
	Mon%	%	6.6 ±4.0	7.0 ±5.0	7.3 ±6.0
	Eos%	%	3.9 ±3.9	4.7 ±4.7	4.4 ±4.4
	Bas%	%	0.5 ±0.5	0.6 ±0.6	0.7 ±0.7
	Neu#	×10 <sup>9</sup> /L	1.70 ±0.40	4.57 ±0.70	12.17 ±1.40
	Lym#	×10 <sup>9</sup> /L	1.45 ±0.40	2.53 ±0.70	4.01 ±1.10
	Mon#	×10 <sup>9</sup> /L	0.23 ±0.14	0.57 ±0.50	1.35 ±1.10
	Eos#	×10 <sup>9</sup> /L	0.14 ±0.14	0.38 ±0.38	0.81 ±0.81
	Bas#	×10 <sup>9</sup> /L	0.02 ±0.02	0.05 ±0.05	0.13 ±0.13
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.32</b> ±0.18	<b>4.54</b> ±0.24	<b>5.43</b> ±0.50
	<b>HGB</b>	g/L	<b>57</b> ±4	<b>130</b> ±6	<b>168</b> ±8
	HCT	%	17.8 ±2.0	39.3 ±3.0	50.2 ±4.0
	<b>MCV</b>	fL	<b>76.9</b> ±5.0	<b>86.6</b> ±5.0	<b>92.5</b> ±6.0
	MCH	pg	24.7 ±2.5	28.7 ±2.5	31.0 ±2.5
	MCHC	g/L	322 ±30	331 ±30	335 ±30
	RDW-CV	%	17.9 ±3.0	16.0 ±3.0	15.7 ±3.0
	RDW-SD	fL	50.3 ±10.0	50.4 ±10.0	52.3 ±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>46</b> ±20	<b>261</b> ±40	<b>507</b> ±60
	MPV	fL	10.0 ±3.0	10.2 ±3.0	9.9 ±3.0
PDW	fL	13.2 ±3.0	12.5 ±3.0	12.0 ±3.0	
PCT	%	0.046 ±0.046	0.266 ±0.100	0.502 ±0.200	
P-LCR	%	28.0 ±8.0	28.0 ±8.0	25.0 ±8.0	
P-LCC	×10 <sup>9</sup> /L	13 ±13	73 ±25	127 ±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.



BC0323L



BC0323N





BC0323H

# DM-5D

## HEMATOLOGY CONTROL

### Reference Values provided by DYMIND

**CONTROL**
 2023-02-10

 2023-05-10

Applicable Instruments	Parameter	Unit	LOT BC0323L	LOT BC0323N	LOT BC0323H
<b>DYMIND</b>  DH73 Vet (Technical File Version B5.5 or higher)	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.34</b> ±0.18	<b>4.59</b> ±0.24	<b>5.47</b> ±0.50
	<b>HGB</b>	g/L	<b>57</b> ±4	<b>129</b> ±6	<b>166</b> ±8
	<b>HCT</b>	%	18.7 ±2.0	41.2 ±3.0	53.2 ±4.0
	<b>MCV</b>	fL	<b>79.7</b> ±5.0	<b>89.8</b> ±5.0	<b>97.2</b> ±6.0
	<b>MCH</b>	pg	24.2 ±2.5	28.1 ±2.5	30.4 ±2.5
	<b>MCHC</b>	g/L	303 ±30	313 ±30	312 ±30
	<b>RDW-CV</b>	%	17.8 ±3.0	15.8 ±3.0	15.7 ±3.0
	<b>RDW-SD</b>	fL	48.7 ±10.0	48.5 ±10.0	50.6 ±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>48</b> ±20	<b>253</b> ±40	<b>497</b> ±60
	<b>MPV</b>	fL	10.1 ±3.0	10.3 ±3.0	10.0 ±3.0
	<b>PDW</b>	fL	13.3 ±3.0	12.9 ±3.0	12.3 ±3.0
	<b>PCT</b>	%	0.048 ±0.048	0.260 ±0.100	0.497 ±0.200
	<b>P-LCR</b>	%	27.2 ±8.0	28.1 ±8.0	25.1 ±8.0
	<b>P-LCC</b>	×10 <sup>9</sup> /L	13 ±13	71 ±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.

# DM-5D

## HEMATOLOGY CONTROL

### Reference Values provided by DYMIND

**CONTROL**
 2023-02-10

 2023-05-10

Applicable Instruments	Parameter	Unit	LOT BC0323L	LOT BC0323N	LOT BC0323H
<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>3.45</b> ±0.50	<b>8.11</b> ±1.00	<b>18.04</b> ±2.50
	Neu%	%	49.6 ±9.0	57.7 ±8.0	65.3 ±7.0
	Lym%	%	39.7 ±9.0	29.3 ±8.0	18.1 ±6.0
	Mon%	%	5.8 ±4.0	6.3 ±5.0	7.6 ±6.0
	Eos%	%	4.9 ±4.9	6.7 ±6.0	9.0 ±7.0
	Bas%	%	3.0 ±3.0	1.9 ±1.9	2.0 ±2.0
	Neu#	×10 <sup>9</sup> /L	1.71 ±0.40	4.68 ±0.70	11.78 ±1.40
	Lym#	×10 <sup>9</sup> /L	1.37 ±0.40	2.38 ±0.70	3.27 ±1.10
	Mon#	×10 <sup>9</sup> /L	0.20 ±0.14	0.51 ±0.50	1.37 ±1.10
	Eos#	×10 <sup>9</sup> /L	0.17 ±0.15	0.54 ±0.50	1.62 ±1.30
	Bas#	×10 <sup>9</sup> /L	0.10 ±0.10	0.15 ±0.15	0.36 ±0.36
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.25</b> ±0.18	<b>4.55</b> ±0.24	<b>5.39</b> ±0.50
	<b>HGB</b>	g/L	<b>56</b> ±4	<b>130</b> ±6	<b>167</b> ±8
	HCT	%	16.3 ±2.0	37.9 ±3.0	47.6 ±4.0
	<b>MCV</b>	fL	<b>76.6</b> ±5.0	<b>88.0</b> ±5.0	<b>94.1</b> ±6.0
	MCH	pg	25.1 ±2.5	28.6 ±2.5	30.9 ±2.5
	MCHC	g/L	347 ±30	344 ±30	350 ±30
	RDW-CV	%	15.5 ±3.0	13.8 ±3.0	14.2 ±3.0
	RDW-SD	fL	47.7 ±10.0	48.1 ±10.0	51.8 ±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>51</b> ±20	<b>272</b> ±40	<b>502</b> ±60
MPV	fL	9.9 ±3.0	10.1 ±3.0	10.0 ±3.0	
PDW	/	14.2 ±3.0	16.1 ±3.0	16.1 ±3.0	
PCT	%	0.050 ±0.050	0.275 ±0.100	0.502 ±0.200	
P-LCR	%	33.5 ±8.0	37.5 ±8.0	35.8 ±8.0	
P-LCC	×10 <sup>9</sup> /L	17 ±15	102 ±25	180 ±35	

**【NOTE】**


1. The controls should be stored in refrigerator (2℃~8℃). After opening, it will keep stable for 14 days when it is stored airtight at 2℃~8℃.
2. Before mixing and running the control after take it out from the refrigerator, please keep it at least 15 minutes until reaching room temperature(15℃~30℃).
3. Controls must be well mixed before using. Please mix gently, to avoid cells rupture and/or generating bubbles.
4. After using, put the controls back into the refrigerator to prevent contamination and evaporation.
5. P-LCC and P-LCR parameters are not applicable to DF50,DF51,DF53, DF50 Vet and DF52 Vet Instruments.


# DM-5D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**

 2023-02-10

 2023-05-10

Applicable Instruments	Parameter	Unit	LOT BC0323L	LOT BC0323N	LOT BC0323H
<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>3.59</b> ±0.50	<b>8.19</b> ±1.00	<b>18.56</b> ±2.50
	Neu%	%	48.9 ±9.0	57.2 ±8.0	64.4 ±7.0
	Lym%	%	40.5 ±9.0	30.3 ±8.0	20.1 ±6.0
	Mon%	%	5.9 ±4.0	5.9 ±5.0	6.4 ±6.0
	Eos%	%	4.7 ±4.7	6.6 ±6.0	9.1 ±7.0
	Bas%	%	3.2 ±3.2	2.8 ±2.8	2.8 ±2.8
	Neu#	×10 <sup>9</sup> /L	1.76 ±0.40	4.68 ±0.70	11.95 ±1.40
	Lym#	×10 <sup>9</sup> /L	1.46 ±0.40	2.48 ±0.70	3.73 ±1.10
	Mon#	×10 <sup>9</sup> /L	0.21 ±0.14	0.48 ±0.48	1.19 ±1.10
	Eos#	×10 <sup>9</sup> /L	0.17 ±0.15	0.54 ±0.50	1.69 ±1.30
	Bas#	×10 <sup>9</sup> /L	0.11 ±0.11	0.23 ±0.23	0.52 ±0.52
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.37</b> ±0.18	<b>4.71</b> ±0.24	<b>5.62</b> ±0.50
	<b>HGB</b>	g/L	<b>57</b> ±4	<b>131</b> ±6	<b>170</b> ±8
	HCT	%	18.5 ±2.0	41.5 ±3.0	52.3 ±4.0
	MCV	fL	<b>78.0</b> ±5.0	<b>88.1</b> ±5.0	<b>93.2</b> ±6.0
	MCH	pg	24.1 ±2.5	27.9 ±2.5	30.3 ±2.5
	MCHC	g/L	309 ±30	316 ±30	325 ±30
	RDW-CV	%	14.9 ±3.0	13.7 ±3.0	13.5 ±3.0
	RDW-SD	fL	47.5 ±10.0	48.4 ±10.0	50.6 ±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>50</b> ±20	<b>269</b> ±40	<b>506</b> ±60
	MPV	fL	10.1 ±3.0	10.5 ±3.0	10.4 ±3.0
	PDW	fL	13.6 ±3.0	14.6 ±3.0	14.1 ±3.0
	PCT	%	0.051 ±0.050	0.282 ±0.100	0.526 ±0.200
P-LCR	%	35.9 ±8.0	40.2 ±8.0	38.1 ±8.0	
P-LCC	×10 <sup>9</sup> /L	18 ±15	108 ±25	193 ±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 applicable to DF50,DF51 and DF53 Instruments.


# DM-5D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**

 2023-02-10

 2023-05-10

Applicable Instruments	Parameter	Unit	LOT BC0323L	LOT BC0323N	LOT BC0323H
<b>DYMIND</b>  DF50 DF51 DF52 DF53 DF55 DF56 (Technical File Version A12.0 or higher)	<b>WBC</b>	$\times 10^9/L$	<b>3.56</b> $\pm 0.50$	<b>8.13</b> $\pm 1.00$	<b>18.34</b> $\pm 2.50$
	Neu%	%	48.9 $\pm 9.0$	56.8 $\pm 8.0$	64.2 $\pm 7.0$
	Lym%	%	40.0 $\pm 9.0$	30.2 $\pm 8.0$	19.9 $\pm 6.0$
	Mon%	%	6.5 $\pm 4.0$	6.4 $\pm 5.0$	6.7 $\pm 6.0$
	Eos%	%	4.6 $\pm 4.6$	6.6 $\pm 6.0$	9.2 $\pm 7.0$
	Bas%	%	2.5 $\pm 2.5$	1.9 $\pm 1.9$	2.2 $\pm 2.2$
	Neu#	$\times 10^9/L$	1.74 $\pm 0.40$	4.62 $\pm 0.70$	11.78 $\pm 1.40$
	Lym#	$\times 10^9/L$	1.42 $\pm 0.40$	2.46 $\pm 0.70$	3.65 $\pm 1.10$
	Mon#	$\times 10^9/L$	0.23 $\pm 0.14$	0.52 $\pm 0.50$	1.23 $\pm 1.10$
	Eos#	$\times 10^9/L$	0.16 $\pm 0.15$	0.54 $\pm 0.50$	1.69 $\pm 1.30$
	Bas#	$\times 10^9/L$	0.09 $\pm 0.09$	0.15 $\pm 0.15$	0.40 $\pm 0.40$
	<b>RBC</b>	$\times 10^{12}/L$	<b>2.32</b> $\pm 0.18$	<b>4.58</b> $\pm 0.24$	<b>5.45</b> $\pm 0.50$
	<b>HGB</b>	g/L	<b>57</b> $\pm 4$	<b>130</b> $\pm 6$	<b>169</b> $\pm 8$
	HCT	%	18.3 $\pm 2.0$	39.7 $\pm 3.0$	50.0 $\pm 4.0$
	MCV	fL	<b>78.9</b> $\pm 5.0$	<b>86.5</b> $\pm 5.0$	<b>91.8</b> $\pm 6.0$
	MCH	pg	24.7 $\pm 2.5$	28.5 $\pm 2.5$	31.0 $\pm 2.5$
	MCHC	g/L	313 $\pm 30$	329 $\pm 30$	338 $\pm 30$
	RDW-CV	%	15.5 $\pm 3.0$	14.3 $\pm 3.0$	13.8 $\pm 3.0$
	RDW-SD	fL	50.8 $\pm 10.0$	52.1 $\pm 10.0$	54.0 $\pm 12.0$
	<b>PLT</b>	$\times 10^9/L$	<b>49</b> $\pm 20$	<b>264</b> $\pm 40$	<b>493</b> $\pm 60$
	MPV	fL	9.7 $\pm 3.0$	9.9 $\pm 3.0$	9.8 $\pm 3.0$
PDW	fL	12.6 $\pm 3.0$	13.7 $\pm 3.0$	13.3 $\pm 3.0$	
PCT	%	0.048 $\pm 0.048$	0.261 $\pm 0.100$	0.483 $\pm 0.200$	
P-LCR	%	32.5 $\pm 8.0$	36.0 $\pm 8.0$	34.7 $\pm 8.0$	
P-LCC	$\times 10^9/L$	16 $\pm 15$	95 $\pm 25$	171 $\pm 35$	

**【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 applicable to DF50,DF51 and DF53 Instruments.



BC0323L



BC0323N




BC0323H


# DM-5D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**

 2023-02-10

 2023-05-10

Applicable Instruments	Parameter	Unit	LOT BC0323L	LOT BC0323N	LOT BC0323H
<b>DYMIND</b>  DF50 DF51 DF52 DF53 DF55 DF56 (Technical File Version B1.0 or higher)	<b>WBC</b>	$\times 10^9/L$	<b>3.62</b> $\pm 0.50$	<b>8.30</b> $\pm 1.00$	<b>18.68</b> $\pm 2.50$
	Neu%	%	49.2 $\pm 9.0$	57.7 $\pm 8.0$	64.5 $\pm 7.0$
	Lym%	%	40.0 $\pm 9.0$	29.9 $\pm 8.0$	20.1 $\pm 6.0$
	Mon%	%	6.0 $\pm 4.0$	5.8 $\pm 5.0$	6.3 $\pm 6.0$
	Eos%	%	4.8 $\pm 4.8$	6.6 $\pm 6.0$	9.1 $\pm 7.0$
	Bas%	%	3.2 $\pm 3.2$	2.3 $\pm 2.3$	2.5 $\pm 2.5$
	Neu#	$\times 10^9/L$	1.78 $\pm 0.40$	4.79 $\pm 0.70$	12.05 $\pm 1.40$
	Lym#	$\times 10^9/L$	1.45 $\pm 0.40$	2.48 $\pm 0.70$	3.76 $\pm 1.10$
	Mon#	$\times 10^9/L$	0.22 $\pm 0.14$	0.48 $\pm 0.48$	1.18 $\pm 1.10$
	Eos#	$\times 10^9/L$	0.17 $\pm 0.15$	0.55 $\pm 0.50$	1.70 $\pm 1.30$
	Bas#	$\times 10^9/L$	0.12 $\pm 0.12$	0.19 $\pm 0.19$	0.47 $\pm 0.47$
	<b>RBC</b>	$\times 10^{12}/L$	<b>2.31</b> $\pm 0.18$	<b>4.60</b> $\pm 0.24$	<b>5.46</b> $\pm 0.50$
	<b>HGB</b>	g/L	<b>58</b> $\pm 4$	<b>133</b> $\pm 6$	<b>173</b> $\pm 8$
	HCT	%	18.0 $\pm 2.0$	39.5 $\pm 3.0$	49.8 $\pm 4.0$
	MCV	fL	<b>77.8</b> $\pm 5.0$	<b>85.8</b> $\pm 5.0$	<b>91.3</b> $\pm 6.0$
	MCH	pg	25.2 $\pm 2.5$	29.0 $\pm 2.5$	31.6 $\pm 2.5$
	MCHC	g/L	323 $\pm 30$	337 $\pm 30$	346 $\pm 30$
	RDW-CV	%	15.2 $\pm 3.0$	13.9 $\pm 3.0$	13.8 $\pm 3.0$
	RDW-SD	fL	48.2 $\pm 10.0$	49.2 $\pm 10.0$	51.4 $\pm 12.0$
	<b>PLT</b>	$\times 10^9/L$	<b>53</b> $\pm 20$	<b>278</b> $\pm 40$	<b>513</b> $\pm 60$
	MPV	fL	9.4 $\pm 3.0$	9.6 $\pm 3.0$	9.6 $\pm 3.0$
PDW	fL	13.0 $\pm 3.0$	14.7 $\pm 3.0$	14.3 $\pm 3.0$	
PCT	%	0.050 $\pm 0.050$	0.267 $\pm 0.100$	0.492 $\pm 0.200$	
P-LCR	%	30.1 $\pm 8.0$	35.3 $\pm 8.0$	33.7 $\pm 8.0$	
P-LCC	$\times 10^9/L$	16 $\pm 15$	98 $\pm 25$	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.
5. P-LCC and P-LCR parameters are not applicable to DF50,DF51 and DF53 Instruments.



BC0323L



BC0323N




BC0323H


# DM-5D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**

 2023-02-10

 2023-05-10

Applicable Instruments	Parameter	Unit	LOT BC0323L	LOT BC0323N	LOT BC0323H
<b>DYMIND</b>  DH71 DH76 (Technical File Version A4.1 to A10.3)  DH51 DH53 DH56 (Technical File Version A8.1 or higher)	<b>WBC</b>	×10 <sup>9</sup> /L	<b>3.56</b> ±0.50	<b>8.08</b> ±1.00	<b>18.27</b> ±2.50
	Neu%	%	48.1 ±9.0	56.7 ±8.0	66.0 ±7.0
	Lym%	%	40.9 ±9.0	31.8 ±8.0	21.2 ±6.0
	Mon%	%	7.0 ±4.0	7.2 ±5.0	7.7 ±6.0
	Eos%	%	4.0 ±4.0	4.3 ±4.3	5.1 ±5.1
	Bas%	%	59.3 ±8.0	69.1 ±8.0	79.5 ±8.0
	Neu#	×10 <sup>9</sup> /L	1.71 ±0.40	4.58 ±0.70	12.06 ±1.40
	Lym#	×10 <sup>9</sup> /L	1.45 ±0.40	2.57 ±0.70	3.87 ±1.10
	Mon#	×10 <sup>9</sup> /L	0.25 ±0.14	0.58 ±0.50	1.41 ±1.10
	Eos#	×10 <sup>9</sup> /L	0.14 ±0.14	0.35 ±0.35	0.93 ±0.93
	Bas#	×10 <sup>9</sup> /L	2.11 ±0.30	5.59 ±0.70	14.52 ±1.50
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.29</b> ±0.18	<b>4.48</b> ±0.24	<b>5.46</b> ±0.50
	<b>HGB</b>	g/L	<b>56</b> ±4	<b>131</b> ±6	<b>169</b> ±8
	HCT	%	18.1 ±2.0	40.2 ±3.0	52.4 ±4.0
	<b>MCV</b>	fL	<b>79.1</b> ±5.0	<b>89.7</b> ±5.0	<b>96.0</b> ±6.0
	MCH	pg	24.6 ±2.5	29.3 ±2.5	30.9 ±2.5
	MCHC	g/L	312 ±30	327 ±30	322 ±30
	RDW-CV	%	17.9 ±3.0	16.2 ±3.0	15.9 ±3.0
	RDW-SD	fL	48.9 ±10.0	49.5 ±10.0	51.7 ±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>45</b> ±20	<b>259</b> ±40	<b>521</b> ±60
MPV	fL	10.4 ±3.0	10.5 ±3.0	10.3 ±3.0	
PDW	/	10.2 ±3.0	10.2 ±3.0	10.1 ±3.0	
PCT	%	0.047 ±0.047	0.272 ±0.100	0.537 ±0.200	
P-LCR	%	31.3 ±8.0	30.9 ±8.0	28.4 ±8.0	
P-LCC	×10 <sup>9</sup> /L	14 ±14	80 ±25	148 ±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**

 2023-02-10

 2023-05-10

Applicable Instruments	Parameter	Unit	LOT BC0323L	LOT BC0323N	LOT BC0323H
<b>DYMIND</b>  DH71 DH76 (Technical File Version A10.4)	<b>WBC</b>	×10 <sup>9</sup> /L	<b>3.21</b> ±0.50	<b>7.21</b> ±1.00	<b>15.93</b> ±2.50
	Neu%	%	48.9 ±9.0	56.8 ±8.0	66.3 ±7.0
	Lym%	%	40.5 ±9.0	31.0 ±8.0	21.9 ±6.0
	Mon%	%	7.6 ±4.0	7.5 ±5.0	7.8 ±6.0
	Eos%	%	3.0 ±3.0	4.7 ±4.7	4.0 ±4.0
	Bas%	%	56.5 ±8.0	67.1 ±8.0	78.2 ±8.0
	Neu#	×10 <sup>9</sup> /L	1.57 ±0.40	4.09 ±0.70	10.56 ±1.40
	Lym#	×10 <sup>9</sup> /L	1.30 ±0.40	2.23 ±0.70	3.49 ±1.10
	Mon#	×10 <sup>9</sup> /L	0.24 ±0.14	0.54 ±0.50	1.24 ±1.10
	Eos#	×10 <sup>9</sup> /L	0.10 ±0.10	0.34 ±0.34	0.64 ±0.64
	Bas#	×10 <sup>9</sup> /L	1.81 ±0.30	4.84 ±0.70	12.46 ±1.50
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.31</b> ±0.18	<b>4.59</b> ±0.24	<b>5.46</b> ±0.50
	<b>HGB</b>	g/L	<b>56</b> ±4	<b>130</b> ±6	<b>166</b> ±8
	HCT	%	18.1 ±2.0	40.3 ±3.0	51.3 ±4.0
	<b>MCV</b>	fL	<b>78.4</b> ±5.0	<b>87.8</b> ±5.0	<b>93.8</b> ±6.0
	MCH	pg	24.2 ±2.5	28.3 ±2.5	30.3 ±2.5
	MCHC	g/L	309 ±30	322 ±30	323 ±30
	RDW-CV	%	18.0 ±3.0	16.1 ±3.0	15.8 ±3.0
	RDW-SD	fL	50.2 ±10.0	50.4 ±10.0	52.5 ±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>41</b> ±20	<b>258</b> ±40	<b>519</b> ±60
	MPV	fL	10.7 ±3.0	10.5 ±3.0	10.2 ±3.0
PDW	fL	12.9 ±3.0	13.2 ±3.0	12.7 ±3.0	
PCT	%	0.044 ±0.044	0.271 ±0.100	0.529 ±0.200	
P-LCR	%	29.4 ±8.0	30.6 ±8.0	28.1 ±8.0	
P-LCC	×10 <sup>9</sup> /L	12 ±12	79 ±25	146 ±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**

 2023-02-10

 2023-05-10

Applicable Instruments	Parameter	Unit	LOT BC0323L	LOT BC0323N	LOT BC0323H
<b>DYMIND</b>  DH71 DH76 (Technical File Version A10.5 or higher)	<b>WBC</b>	×10 <sup>9</sup> /L	<b>3.48</b> ±0.50	<b>8.06</b> ±1.00	<b>18.44</b> ±2.50
	Neu%	%	48.1 ±9.0	56.3 ±8.0	65.8 ±7.0
	Lym%	%	40.9 ±9.0	31.8 ±8.0	21.5 ±6.0
	Mon%	%	7.3 ±4.0	7.6 ±5.0	7.9 ±6.0
	Eos%	%	3.7 ±3.7	4.3 ±4.3	4.8 ±4.8
	Bas%	%	60.6 ±8.0	70.5 ±8.0	81.1 ±8.0
	Neu#	×10 <sup>9</sup> /L	1.67 ±0.40	4.54 ±0.70	12.13 ±1.40
	Lym#	×10 <sup>9</sup> /L	1.42 ±0.40	2.56 ±0.70	3.96 ±1.10
	Mon#	×10 <sup>9</sup> /L	0.25 ±0.14	0.61 ±0.50	1.46 ±1.10
	Eos#	×10 <sup>9</sup> /L	0.13 ±0.13	0.35 ±0.35	0.89 ±0.89
	Bas#	×10 <sup>9</sup> /L	2.11 ±0.30	5.68 ±0.70	14.96 ±1.50
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.26</b> ±0.18	<b>4.49</b> ±0.24	<b>5.41</b> ±0.50
	<b>HGB</b>	g/L	<b>56</b> ±4	<b>131</b> ±6	<b>169</b> ±8
	HCT	%	17.5 ±2.0	38.8 ±3.0	50.1 ±4.0
	<b>MCV</b>	fL	<b>77.3</b> ±5.0	<b>86.5</b> ±5.0	<b>92.7</b> ±6.0
	MCH	pg	24.9 ±2.5	29.1 ±2.5	31.3 ±2.5
	MCHC	g/L	322 ±30	337 ±30	338 ±30
	RDW-CV	%	18.2 ±3.0	16.2 ±3.0	15.8 ±3.0
	RDW-SD	fL	50.4 ±10.0	50.3 ±10.0	52.1 ±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>41</b> ±20	<b>268</b> ±40	<b>535</b> ±60
	MPV	fL	10.2 ±3.0	10.1 ±3.0	9.8 ±3.0
PDW	fL	11.6 ±3.0	12.2 ±3.0	11.9 ±3.0	
PCT	%	0.042 ±0.042	0.271 ±0.100	0.525 ±0.200	
P-LCR	%	27.3 ±8.0	26.8 ±8.0	23.7 ±8.0	
P-LCC	×10 <sup>9</sup> /L	15 ±15	72 ±25	127 ±35	

**【NOTE】**

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



BC0323L



BC0323N




BC0323H


# DM-5D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**

 2023-02-10

 2023-05-10

Applicable Instruments	Parameter	Unit	LOT BC0323L	LOT BC0323N	LOT BC0323H
<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>3.47</b> ±0.50	<b>7.90</b> ±1.00	<b>17.77</b> ±2.50
	Neu%	%	47.1 ±9.0	56.8 ±8.0	64.8 ±7.0
	Lym%	%	41.5 ±9.0	31.5 ±8.0	20.9 ±6.0
	Mon%	%	7.1 ±4.0	7.1 ±5.0	7.5 ±6.0
	Eos%	%	4.3 ±4.3	4.6 ±4.6	6.8 ±6.8
	Bas%	%	59.4 ±8.0	69.8 ±8.0	79.9 ±8.0
	Neu#	×10 <sup>9</sup> /L	1.63 ±0.40	4.49 ±0.70	11.52 ±1.40
	Lym#	×10 <sup>9</sup> /L	1.44 ±0.40	2.49 ±0.70	3.71 ±1.10
	Mon#	×10 <sup>9</sup> /L	0.25 ±0.14	0.56 ±0.50	1.33 ±1.10
	Eos#	×10 <sup>9</sup> /L	0.15 ±0.15	0.36 ±0.36	1.21 ±1.21
	Bas#	×10 <sup>9</sup> /L	2.06 ±0.30	5.52 ±0.70	14.20 ±1.50
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.27</b> ±0.18	<b>4.50</b> ±0.24	<b>5.35</b> ±0.50
	<b>HGB</b>	g/L	<b>56</b> ±4	<b>130</b> ±6	<b>166</b> ±8
	HCT	%	17.9 ±2.0	40.3 ±3.0	51.0 ±4.0
	<b>MCV</b>	fL	<b>78.9</b> ±5.0	<b>89.5</b> ±5.0	<b>95.4</b> ±6.0
	MCH	pg	24.7 ±2.5	29.0 ±2.5	31.1 ±2.5
	MCHC	g/L	314 ±30	323 ±30	326 ±30
	RDW-CV	%	18.0 ±3.0	16.2 ±3.0	15.9 ±3.0
	RDW-SD	fL	49.8 ±10.0	49.9 ±10.0	52.1 ±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>44</b> ±20	<b>267</b> ±40	<b>540</b> ±60
	MPV	fL	10.9 ±3.0	10.7 ±3.0	10.6 ±3.0
	PDW	fL	12.9 ±3.0	13.5 ±3.0	13.0 ±3.0
	PCT	%	0.047 ±0.047	0.286 ±0.100	0.572 ±0.200
P-LCR	%	29.9 ±8.0	31.4 ±8.0	28.9 ±8.0	
P-LCC	×10 <sup>9</sup> /L	13 ±13	84 ±25	156 ±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**

 2023-02-10

 2023-05-10

Applicable Instruments	Parameter	Unit	LOT BC0323L	LOT BC0323N	LOT BC0323H
<b>DYMIND</b>  D2-CRP D7-CRP DH71CRP DH73CRP (Technical File Version A6.0 to A 6.5)	<b>WBC</b>	×10 <sup>9</sup> /L	<b>3.43</b> ±0.50	<b>7.86</b> ±1.00	<b>17.80</b> ±2.50
	Neu%	%	48.4 ±9.0	56.8 ±8.0	66.4 ±7.0
	Lym%	%	40.1 ±9.0	31.5 ±8.0	21.3 ±6.0
	Mon%	%	7.7 ±4.0	7.6 ±5.0	7.8 ±6.0
	Eos%	%	3.8 ±3.8	4.1 ±4.1	4.5 ±4.5
	Bas%	%	60.1 ±8.0	70.2 ±8.0	80.5 ±8.0
	Neu#	×10 <sup>9</sup> /L	1.66 ±0.40	4.46 ±0.70	11.82 ±1.40
	Lym#	×10 <sup>9</sup> /L	1.38 ±0.40	2.47 ±0.70	3.79 ±1.10
	Mon#	×10 <sup>9</sup> /L	0.26 ±0.14	0.60 ±0.50	1.39 ±1.10
	Eos#	×10 <sup>9</sup> /L	0.13 ±0.13	0.32 ±0.32	0.80 ±0.80
	Bas#	×10 <sup>9</sup> /L	2.06 ±0.30	5.51 ±0.70	14.33 ±1.50
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.26</b> ±0.18	<b>4.49</b> ±0.24	<b>5.33</b> ±0.50
	<b>HGB</b>	g/L	<b>56</b> ±4	<b>130</b> ±6	<b>166</b> ±8
	HCT	%	17.9 ±2.0	39.4 ±3.0	50.0 ±4.0
	<b>MCV</b>	fL	<b>79.2</b> ±5.0	<b>87.8</b> ±5.0	<b>93.7</b> ±6.0
	MCH	pg	24.7 ±2.5	28.9 ±2.5	31.2 ±2.5
	MCHC	g/L	312 ±30	330 ±30	332 ±30
	RDW-CV	%	18.3 ±3.0	16.4 ±3.0	16.1 ±3.0
	RDW-SD	fL	50.9 ±10.0	51.1 ±10.0	53.3 ±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>42</b> ±20	<b>273</b> ±40	<b>550</b> ±60
	MPV	fL	10.4 ±3.0	10.4 ±3.0	10.3 ±3.0
PDW	fL	12.7 ±3.0	13.0 ±3.0	12.7 ±3.0	
PCT	%	0.043 ±0.043	0.284 ±0.100	0.566 ±0.200	
P-LCR	%	28.8 ±8.0	29.7 ±8.0	27.6 ±8.0	
P-LCC	×10 <sup>9</sup> /L	12 ±12	81 ±25	152 ±35	

**【NOTE】**

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



BC0323L



BC0323N




BC0323H


# DM-5D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**

 2023-02-10

 2023-05-10

Applicable Instruments	Parameter	Unit	LOT BC0323L	LOT BC0323N	LOT BC0323H
<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>3.69</b> ±0.50	<b>8.41</b> ±1.00	<b>19.18</b> ±2.50
	Neu%	%	47.9 ±9.0	56.4 ±8.0	65.6 ±7.0
	Lym%	%	40.4 ±9.0	31.6 ±8.0	21.5 ±6.0
	Mon%	%	7.4 ±4.0	7.6 ±5.0	7.8 ±6.0
	Eos%	%	4.3 ±4.3	4.4 ±4.4	5.1 ±5.1
	Bas%	%	61.1 ±8.0	71.3 ±8.0	81.5 ±8.0
	Neu#	×10 <sup>9</sup> /L	1.77 ±0.40	4.74 ±0.70	12.58 ±1.40
	Lym#	×10 <sup>9</sup> /L	1.49 ±0.40	2.66 ±0.70	4.12 ±1.10
	Mon#	×10 <sup>9</sup> /L	0.27 ±0.14	0.64 ±0.50	1.50 ±1.10
	Eos#	×10 <sup>9</sup> /L	0.16 ±0.15	0.37 ±0.37	0.98 ±0.98
	Bas#	×10 <sup>9</sup> /L	2.26 ±0.30	6.00 ±0.70	15.63 ±1.50
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.30</b> ±0.18	<b>4.54</b> ±0.24	<b>5.43</b> ±0.50
	<b>HGB</b>	g/L	<b>56</b> ±4	<b>129</b> ±6	<b>165</b> ±8
	HCT	%	18.3 ±2.0	40.2 ±3.0	51.4 ±4.0
	MCV	fL	<b>79.3</b> ±5.0	<b>88.5</b> ±5.0	<b>94.7</b> ±6.0
	MCH	pg	24.4 ±2.5	28.5 ±2.5	30.4 ±2.5
	MCHC	g/L	307 ±30	322 ±30	322 ±30
	RDW-CV	%	17.9 ±3.0	15.9 ±3.0	15.7 ±3.0
	RDW-SD	fL	50.6 ±10.0	50.4 ±10.0	52.6 ±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>42</b> ±20	<b>269</b> ±40	<b>541</b> ±60
	MPV	fL	10.0 ±3.0	9.8 ±3.0	9.6 ±3.0
PDW	fL	11.0 ±3.0	11.8 ±3.0	11.5 ±3.0	
PCT	%	0.042 ±0.042	0.264 ±0.100	0.520 ±0.200	
P-LCR	%	25.0 ±8.0	25.3 ±8.0	22.9 ±8.0	
P-LCC	×10 <sup>9</sup> /L	15 ±15	68 ±25	124 ±35	

**【NOTE】**

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



BC0323L



BC0323N




BC0323H


# DM-5D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**

 2023-02-10

 2023-05-10

Applicable Instruments	Parameter	Unit	LOT BC0323L	LOT BC0323N	LOT BC0323H
<b>DYMIND</b>  D6-CRP DH76CRP (Technical File Version B1.0 to B2.0)	<b>WBC</b>	×10 <sup>9</sup> /L	<b>3.58</b> ±0.50	<b>7.77</b> ±1.00	<b>18.25</b> ±2.50
	Neu%	%	48.2 ±9.0	56.8 ±8.0	66.0 ±7.0
	Lym%	%	40.4 ±9.0	31.4 ±8.0	21.5 ±6.0
	Mon%	%	7.5 ±4.0	7.7 ±5.0	8.0 ±6.0
	Eos%	%	3.9 ±3.9	4.1 ±4.1	4.5 ±4.5
	Bas%	%	59.1 ±8.0	69.1 ±8.0	79.6 ±8.0
	Neu#	×10 <sup>9</sup> /L	1.72 ±0.40	4.42 ±0.70	12.04 ±1.40
	Lym#	×10 <sup>9</sup> /L	1.44 ±0.40	2.44 ±0.70	3.92 ±1.10
	Mon#	×10 <sup>9</sup> /L	0.27 ±0.14	0.60 ±0.50	1.46 ±1.10
	Eos#	×10 <sup>9</sup> /L	0.14 ±0.14	0.32 ±0.32	0.82 ±0.82
	Bas#	×10 <sup>9</sup> /L	2.11 ±0.30	5.37 ±0.70	14.52 ±1.50
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.30</b> ±0.18	<b>4.55</b> ±0.24	<b>5.45</b> ±0.50
	<b>HGB</b>	g/L	<b>58</b> ±4	<b>130</b> ±6	<b>166</b> ±8
	HCT	%	17.8 ±2.0	39.3 ±3.0	49.9 ±4.0
	<b>MCV</b>	fL	<b>77.6</b> ±5.0	<b>86.4</b> ±5.0	<b>91.6</b> ±6.0
	MCH	pg	25.5 ±2.5	28.6 ±2.5	30.5 ±2.5
	MCHC	g/L	328 ±30	331 ±30	333 ±30
	RDW-CV	%	18.2 ±3.0	16.1 ±3.0	16.0 ±3.0
	RDW-SD	fL	49.6 ±10.0	49.3 ±10.0	52.0 ±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>43</b> ±20	<b>254</b> ±40	<b>522</b> ±60
	MPV	fL	9.3 ±3.0	9.8 ±3.0	9.6 ±3.0
PDW	fL	12.4 ±3.0	11.9 ±3.0	11.5 ±3.0	
PCT	%	0.040 ±0.040	0.249 ±0.100	0.501 ±0.200	
P-LCR	%	24.5 ±8.0	26.0 ±8.0	22.8 ±8.0	
P-LCC	×10 <sup>9</sup> /L	15 ±15	66 ±25	119 ±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.



BC0323L



BC0323N




BC0323H


# DM-5D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**

 2023-02-10

 2023-05-10

Applicable Instruments	Parameter	Unit	LOT BC0323L	LOT BC0323N	LOT BC0323H
<b>DYMIND</b>  D6-CRP DH76CRP (Technical File Version B2.2 or higher)	<b>WBC</b>	×10 <sup>9</sup> /L	<b>3.70</b> ±0.50	<b>8.30</b> ±1.00	<b>18.50</b> ±2.50
	Neu%	%	47.5 ±9.0	56.8 ±8.0	65.4 ±7.0
	Lym%	%	40.8 ±9.0	31.6 ±8.0	20.9 ±6.0
	Mon%	%	7.4 ±4.0	7.4 ±5.0	7.7 ±6.0
	Eos%	%	4.3 ±4.3	4.2 ±4.2	6.0 ±6.0
	Bas%	%	59.5 ±8.0	69.8 ±8.0	80.1 ±8.0
	Neu#	×10 <sup>9</sup> /L	1.76 ±0.40	4.71 ±0.70	12.10 ±1.40
	Lym#	×10 <sup>9</sup> /L	1.51 ±0.40	2.62 ±0.70	3.87 ±1.10
	Mon#	×10 <sup>9</sup> /L	0.27 ±0.14	0.61 ±0.50	1.42 ±1.10
	Eos#	×10 <sup>9</sup> /L	0.16 ±0.15	0.35 ±0.35	1.11 ±1.11
	Bas#	×10 <sup>9</sup> /L	2.20 ±0.30	5.79 ±0.70	14.82 ±1.50
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.31</b> ±0.18	<b>4.59</b> ±0.24	<b>5.45</b> ±0.50
	<b>HGB</b>	g/L	<b>58</b> ±4	<b>130</b> ±6	<b>166</b> ±8
	HCT	%	17.9 ±2.0	39.5 ±3.0	50.0 ±4.0
	<b>MCV</b>	fL	<b>77.6</b> ±5.0	<b>86.1</b> ±5.0	<b>91.8</b> ±6.0
	MCH	pg	25.2 ±2.5	28.5 ±2.5	30.4 ±2.5
	MCHC	g/L	325 ±30	330 ±30	331 ±30
	RDW-CV	%	18.1 ±3.0	16.1 ±3.0	15.8 ±3.0
	RDW-SD	fL	49.9 ±10.0	49.8 ±10.0	51.7 ±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>44</b> ±20	<b>264</b> ±40	<b>539</b> ±60
MPV	fL	9.6 ±3.0	10.0 ±3.0	9.8 ±3.0	
PDW	fL	12.8 ±3.0	12.4 ±3.0	11.8 ±3.0	
PCT	%	0.042 ±0.042	0.264 ±0.100	0.528 ±0.200	
P-LCR	%	26.0 ±8.0	27.2 ±8.0	24.7 ±8.0	
P-LCC	×10 <sup>9</sup> /L	14 ±14	72 ±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.



BC0323L



BC0323N




BC0323H


# DM-5D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**

 2023-02-10

 2023-05-10

Applicable Instruments	Parameter	Unit	LOT BC0323L	LOT BC0323N	LOT BC0323H
<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>3.50</b> ±0.50	<b>7.98</b> ±1.00	<b>18.13</b> ±2.50
	Neu%	%	48.8 ±9.0	56.4 ±8.0	64.3 ±7.0
	Lym%	%	40.6 ±9.0	30.8 ±8.0	19.1 ±10.0
	Mon%	%	5.9 ±4.0	6.2 ±5.0	7.5 ±7.5
	Eos%	%	4.7 ±4.7	6.6 ±6.0	9.1 ±7.0
	Bas%	%	2.5 ±2.5	2.0 ±2.0	2.0 ±2.0
	Neu#	×10 <sup>9</sup> /L	1.71 ±0.40	4.50 ±0.70	11.66 ±1.40
	Lym#	×10 <sup>9</sup> /L	1.42 ±0.40	2.46 ±0.70	3.46 ±1.70
	Mon#	×10 <sup>9</sup> /L	0.21 ±0.14	0.49 ±0.49	1.36 ±1.36
	Eos#	×10 <sup>9</sup> /L	0.16 ±0.15	0.53 ±0.50	1.65 ±1.30
	Bas#	×10 <sup>9</sup> /L	0.09 ±0.09	0.16 ±0.16	0.36 ±0.36
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.35</b> ±0.18	<b>4.62</b> ±0.24	<b>5.50</b> ±0.50
	<b>HGB</b>	g/L	<b>57</b> ±4	<b>131</b> ±6	<b>172</b> ±8
	HCT	%	18.7 ±2.0	41.4 ±3.0	52.5 ±4.0
	MCV	fL	<b>79.8</b> ±5.0	<b>89.6</b> ±5.0	<b>95.6</b> ±6.0
	MCH	pg	24.3 ±2.5	28.5 ±2.5	31.2 ±2.5
	MCHC	g/L	305 ±30	317 ±30	327 ±30
	RDW-CV	%	14.2 ±3.0	13.1 ±3.0	12.9 ±3.0
	RDW-SD	fL	46.7 ±10.0	47.9 ±10.0	50.1 ±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>52</b> ±20	<b>276</b> ±40	<b>502</b> ±60
MPV	fL	9.3 ±3.0	9.5 ±3.0	9.4 ±3.0	
PDW	fL	12.0 ±3.0	13.5 ±3.0	13.2 ±3.0	
PCT	%	0.048 ±0.048	0.263 ±0.100	0.472 ±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.



BC0323L



BC0323N




BC0323H


# DM-5D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**

 2023-02-10

 2023-05-10

Applicable Instruments	Parameter	Unit	LOT BC0323L	LOT BC0323N	LOT BC0323H
<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>3.44</b> ±0.50	<b>7.95</b> ±1.00	<b>18.10</b> ±2.50
	Neu%	%	50.0 ±9.0	58.0 ±8.0	65.0 ±7.0
	Lym%	%	39.6 ±9.0	29.1 ±8.0	19.8 ±6.0
	Mon%	%	5.7 ±4.0	6.2 ±5.0	6.2 ±6.0
	Eos%	%	4.7 ±4.7	6.7 ±6.0	9.0 ±7.0
	Bas%	%	3.5 ±3.5	3.2 ±3.2	4.0 ±4.0
	Neu#	×10 <sup>9</sup> /L	1.72 ±0.40	4.61 ±0.70	11.76 ±1.40
	Lym#	×10 <sup>9</sup> /L	1.36 ±0.40	2.31 ±0.70	3.58 ±1.10
	Mon#	×10 <sup>9</sup> /L	0.20 ±0.14	0.49 ±0.49	1.12 ±1.10
	Eos#	×10 <sup>9</sup> /L	0.16 ±0.15	0.53 ±0.50	1.63 ±1.30
	Bas#	×10 <sup>9</sup> /L	0.12 ±0.12	0.25 ±0.25	0.72 ±0.72
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.25</b> ±0.18	<b>4.45</b> ±0.24	<b>5.30</b> ±0.50
	<b>HGB</b>	g/L	<b>57</b> ±4	<b>129</b> ±6	<b>167</b> ±8
	HCT	%	17.5 ±2.0	39.3 ±3.0	50.1 ±4.0
	<b>MCV</b>	fL	<b>78.1</b> ±5.0	<b>88.4</b> ±5.0	<b>94.5</b> ±6.0
	MCH	pg	25.3 ±2.5	29.1 ±2.5	31.5 ±2.5
	MCHC	g/L	324 ±30	329 ±30	333 ±30
	RDW-CV	%	15.6 ±3.0	14.2 ±3.0	14.1 ±3.0
	RDW-SD	fL	50.2 ±10.0	51.2 ±10.0	53.6 ±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>46</b> ±20	<b>258</b> ±40	<b>486</b> ±60
	MPV	fL	9.5 ±3.0	9.5 ±3.0	9.6 ±3.0
PDW	fL	12.3 ±3.0	13.4 ±3.0	13.0 ±3.0	
PCT	%	0.044 ±0.044	0.246 ±0.100	0.466 ±0.200	
P-LCR	%	28.3 ±8.0	34.0 ±8.0	32.1 ±8.0	
P-LCC	×10 <sup>9</sup> /L	13 ±13	88 ±25	156 ±35	

**【NOTE】**


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


# DM-5D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**

 2023-02-10

 2023-05-10

Applicable Instruments	Parameter	Unit	LOT BC0323L	LOT BC0323N	LOT BC0323H
<b>DYMIND</b>  DF1-CRP DF3-CRP DF5-CRP DF50CRP DF52CRP DF53CRP (Technical File Version A6.0 )	<b>WBC</b>	×10 <sup>9</sup> /L	<b>3.50</b> ±0.50	<b>8.14</b> ±1.00	<b>18.62</b> ±2.50
	Neu%	%	49.0 ±9.0	56.5 ±8.0	64.1 ±7.0
	Lym%	%	40.1 ±9.0	30.5 ±8.0	19.9 ±6.0
	Mon%	%	6.3 ±4.0	6.5 ±5.0	7.0 ±6.0
	Eos%	%	4.6 ±4.6	6.5 ±6.0	9.0 ±7.0
	Bas%	%	2.5 ±2.5	1.9 ±1.9	2.3 ±2.3
	Neu#	×10 <sup>9</sup> /L	1.71 ±0.40	4.60 ±0.70	11.93 ±1.40
	Lym#	×10 <sup>9</sup> /L	1.40 ±0.40	2.48 ±0.70	3.71 ±1.10
	Mon#	×10 <sup>9</sup> /L	0.22 ±0.14	0.53 ±0.50	1.30 ±1.10
	Eos#	×10 <sup>9</sup> /L	0.16 ±0.15	0.53 ±0.50	1.68 ±1.30
	Bas#	×10 <sup>9</sup> /L	0.09 ±0.09	0.15 ±0.15	0.43 ±0.43
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.24</b> ±0.18	<b>4.40</b> ±0.24	<b>5.21</b> ±0.50
	<b>HGB</b>	g/L	<b>57</b> ±4	<b>129</b> ±6	<b>166</b> ±8
	HCT	%	17.5 ±2.0	37.8 ±3.0	47.8 ±4.0
	MCV	fL	<b>78.2</b> ±5.0	<b>85.9</b> ±5.0	<b>91.7</b> ±6.0
	MCH	pg	25.5 ±2.5	29.3 ±2.5	32.0 ±2.5
	MCHC	g/L	326 ±30	341 ±30	348 ±30
	RDW-CV	%	15.7 ±3.0	14.3 ±3.0	14.1 ±3.0
	RDW-SD	fL	51.1 ±10.0	52.2 ±10.0	54.7 ±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>45</b> ±20	<b>265</b> ±40	<b>514</b> ±60
	MPV	fL	9.3 ±3.0	9.4 ±3.0	9.4 ±3.0
PDW	fL	11.3 ±3.0	13.1 ±3.0	12.7 ±3.0	
PCT	%	0.042 ±0.042	0.249 ±0.100	0.483 ±0.200	
P-LCR	%	29.8 ±8.0	33.6 ±8.0	31.9 ±8.0	
P-LCC	×10 <sup>9</sup> /L	15 ±15	89 ±25	159 ±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.



BC0323L



BC0323N




BC0323H


# DM-5D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**

 2023-02-10

 2023-05-10

Applicable Instruments	Parameter	Unit	LOT BC0323L	LOT BC0323N	LOT BC0323H
<b>DYMIND</b>  DF1-CRP DF3-CRP DF5-CRP DF50CRP DF52CRP DF53CRP (Technical File Version A6.1 or higher)	<b>WBC</b>	×10 <sup>9</sup> /L	<b>3.49</b> ±0.50	<b>8.21</b> ±1.00	<b>18.99</b> ±2.50
	Neu%	%	48.3 ±9.0	56.2 ±8.0	63.8 ±7.0
	Lym%	%	40.7 ±9.0	31.2 ±8.0	20.6 ±6.0
	Mon%	%	6.6 ±4.0	6.1 ±5.0	6.6 ±6.0
	Eos%	%	4.4 ±4.4	6.5 ±6.0	9.0 ±7.0
	Bas%	%	2.5 ±2.5	2.0 ±2.0	2.3 ±2.3
	Neu#	×10 <sup>9</sup> /L	1.68 ±0.40	4.61 ±0.70	12.11 ±1.40
	Lym#	×10 <sup>9</sup> /L	1.42 ±0.40	2.56 ±0.70	3.91 ±1.10
	Mon#	×10 <sup>9</sup> /L	0.23 ±0.14	0.50 ±0.50	1.25 ±1.10
	Eos#	×10 <sup>9</sup> /L	0.15 ±0.15	0.53 ±0.50	1.71 ±1.30
	Bas#	×10 <sup>9</sup> /L	0.09 ±0.09	0.16 ±0.16	0.44 ±0.44
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.25</b> ±0.18	<b>4.45</b> ±0.24	<b>5.30</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	38.3 ±3.0	48.3 ±4.0
	MCV	fL	<b>78.0</b> ±5.0	<b>86.0</b> ±5.0	<b>91.2</b> ±6.0
	MCH	pg	25.0 ±2.5	28.8 ±2.5	31.2 ±2.5
	MCHC	g/L	320 ±30	334 ±30	343 ±30
	RDW-CV	%	15.4 ±3.0	14.1 ±3.0	13.9 ±3.0
	RDW-SD	fL	50.0 ±10.0	51.0 ±10.0	53.2 ±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>39</b> ±20	<b>264</b> ±40	<b>542</b> ±60
	MPV	fL	9.6 ±3.0	9.4 ±3.0	9.4 ±3.0
PDW	fL	11.0 ±3.0	12.6 ±3.0	12.3 ±3.0	
PCT	%	0.037 ±0.037	0.248 ±0.100	0.510 ±0.200	
P-LCR	%	31.5 ±8.0	33.0 ±8.0	31.5 ±8.0	
P-LCC	×10 <sup>9</sup> /L	15 ±15	87 ±25	171 ±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.



BC0323L



BC0323N




BC0323H


# DM-5D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**

 2023-02-10

 2023-05-10

Applicable Instruments	Parameter	Unit	LOT BC0323L	LOT BC0323N	LOT BC0323H
<b>DYMIND</b>  DM71X DM72X DM78X DM79X (Technical File Version A1.0 or higher)	<b>WBC</b>	×10 <sup>9</sup> /L	<b>3.45</b> ±0.50	<b>7.81</b> ±1.00	<b>17.34</b> ±2.50
	Neu%	%	48.4 ±9.0	56.8 ±8.0	64.4 ±7.0
	Lym%	%	40.1 ±9.0	30.4 ±8.0	20.5 ±6.0
	Mon%	%	7.8 ±4.0	7.8 ±5.0	7.9 ±6.0
	Eos%	%	3.7 ±3.7	5.0 ±5.0	7.2 ±7.0
	Bas%	%	58.1 ±8.0	68.3 ±8.0	79.2 ±8.0
	Neu#	×10 <sup>9</sup> /L	1.67 ±0.40	4.43 ±0.70	11.17 ±1.40
	Lym#	×10 <sup>9</sup> /L	1.38 ±0.40	2.37 ±0.70	3.55 ±1.10
	Mon#	×10 <sup>9</sup> /L	0.27 ±0.14	0.61 ±0.50	1.37 ±1.10
	Eos#	×10 <sup>9</sup> /L	0.13 ±0.13	0.39 ±0.39	1.25 ±1.25
	Bas#	×10 <sup>9</sup> /L	2.01 ±0.30	5.33 ±0.70	13.73 ±1.50
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.28</b> ±0.18	<b>4.53</b> ±0.24	<b>5.41</b> ±0.50
	<b>HGB</b>	g/L	<b>58</b> ±4	<b>130</b> ±6	<b>166</b> ±8
	HCT	%	17.6 ±2.0	39.2 ±3.0	50.0 ±4.0
	<b>MCV</b>	fL	<b>77.1</b> ±5.0	<b>86.4</b> ±5.0	<b>92.4</b> ±6.0
	MCH	pg	25.5 ±2.5	28.8 ±2.5	30.7 ±2.5
	MCHC	g/L	331 ±30	333 ±30	332 ±30
	RDW-CV	%	18.0 ±3.0	16.0 ±3.0	15.7 ±3.0
	RDW-SD	fL	49.2 ±10.0	49.0 ±10.0	51.1 ±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>43</b> ±20	<b>270</b> ±40	<b>550</b> ±60
	MPV	fL	10.1 ±3.0	10.4 ±3.0	10.1 ±3.0
PDW	fL	13.5 ±3.0	12.8 ±3.0	12.6 ±3.0	
PCT	%	0.044 ±0.044	0.281 ±0.100	0.556 ±0.200	
P-LCR	%	27.8 ±8.0	28.9 ±8.0	25.6 ±8.0	
P-LCC	×10 <sup>9</sup> /L	12 ±12	78 ±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.



BC0323L



BC0323N





BC0323H

# DM-5D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**
 2023-02-10

 2023-05-10

Applicable Instruments	Parameter	Unit	LOT BC0323L	LOT BC0323N	LOT BC0323H
<b>DYMIND</b>  UN71 Vet UN73 Vet (Technical File Version A1.0 or higher)	<b>WBC</b>	×10 <sup>9</sup> /L	<b>3.47</b> ±0.50	<b>8.03</b> ±1.00	<b>18.07</b> ±2.50
	Neu%	%	46.8 ±9.0	55.7 ±8.0	65.1 ±7.0
	Lym%	%	40.3 ±9.0	31.3 ±8.0	21.4 ±6.0
	Mon%	%	7.1 ±4.0	7.4 ±5.0	7.6 ±6.0
	Eos%	%	4.2 ±4.2	4.9 ±4.9	5.1 ±5.1
	Bas%	%	1.6 ±1.6	0.7 ±0.7	0.8 ±0.8
	Neu#	×10 <sup>9</sup> /L	1.63 ±0.40	4.47 ±0.70	11.76 ±1.40
	Lym#	×10 <sup>9</sup> /L	1.40 ±0.40	2.51 ±0.70	3.87 ±1.10
	Mon#	×10 <sup>9</sup> /L	0.25 ±0.14	0.59 ±0.50	1.37 ±1.10
	Eos#	×10 <sup>9</sup> /L	0.15 ±0.15	0.39 ±0.39	0.92 ±0.92
	Bas#	×10 <sup>9</sup> /L	0.06 ±0.06	0.06 ±0.06	0.14 ±0.14
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.31</b> ±0.18	<b>4.55</b> ±0.24	<b>5.38</b> ±0.50
	<b>HGB</b>	g/L	<b>59</b> ±4	<b>130</b> ±6	<b>166</b> ±8
	HCT	%	17.8 ±2.0	39.4 ±3.0	50.1 ±4.0
	<b>MCV</b>	fL	<b>77.1</b> ±5.0	<b>86.7</b> ±5.0	<b>93.1</b> ±6.0
	MCH	pg	25.7 ±2.5	28.7 ±2.5	30.9 ±2.5
	MCHC	g/L	333 ±30	331 ±30	332 ±30
	RDW-CV	%	18.4 ±3.0	16.4 ±3.0	16.1 ±3.0
	RDW-SD	fL	44.1 ±10.0	44.1 ±10.0	45.9 ±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>40</b> ±20	<b>257</b> ±40	<b>499</b> ±60
	MPV	fL	9.9 ±3.0	9.4 ±3.0	9.3 ±3.0
PDW	fL	10.5 ±3.0	11.0 ±3.0	10.6 ±3.0	
PCT	%	0.040 ±0.040	0.241 ±0.100	0.464 ±0.200	
P-LCR	%	23.4 ±8.0	23.4 ±8.0	21.3 ±8.0	
P-LCC	×10 <sup>9</sup> /L	14 ±14	60 ±25	106 ±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.



BC0323L



BC0323N



BC0323H