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文件名称: <p style="text-align: center;"><b>CONTROL DM-5D BC1123 2024-01-10</b></p> 适用范围: 公司所有五分类仪器					
编制: 夏琳 日期: 2023.11.03		审核: 刘金盈 日期: 2023.11.03		批准: 郑剑通 日期: 2023.11.03	
修 订 记 录					
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V9.6.0	/	新建	夏琳	郑剑通	2023.10.30
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由试剂研发					


# DM-5D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**

 2023-10-13

 2024-01-10

Applicable Instruments	Parameter	Unit	LOT BC1123L	LOT BC1123N	LOT BC1123H
<b>DYMIND</b>  D1-CRP D3-CRP D5-CRP DH51CRP DH53CRP DH56CRP (Technical File Version A9.0 to A11.9)	<b>WBC</b>	$\times 10^9/L$	<b>3.43</b> $\pm 0.50$	<b>7.90</b> $\pm 1.00$	<b>18.38</b> $\pm 2.50$
	Neu%	%	47.6 $\pm 9.0$	57.4 $\pm 8.0$	66.9 $\pm 7.0$
	Lym%	%	42.1 $\pm 9.0$	30.1 $\pm 8.0$	19.7 $\pm 6.0$
	Mon%	%	6.7 $\pm 4.0$	7.2 $\pm 5.0$	6.1 $\pm 6.0$
	Eos%	%	3.6 $\pm 3.6$	5.3 $\pm 5.3$	7.3 $\pm 7.0$
	Bas%	%	59.3 $\pm 8.0$	71.8 $\pm 8.0$	82.0 $\pm 8.0$
	Neu#	$\times 10^9/L$	1.63 $\pm 0.40$	4.54 $\pm 0.70$	12.30 $\pm 1.40$
	Lym#	$\times 10^9/L$	1.44 $\pm 0.40$	2.38 $\pm 0.70$	3.62 $\pm 1.10$
	Mon#	$\times 10^9/L$	0.23 $\pm 0.14$	0.57 $\pm 0.50$	1.12 $\pm 1.10$
	Eos#	$\times 10^9/L$	0.12 $\pm 0.12$	0.42 $\pm 0.42$	1.34 $\pm 1.30$
	Bas#	$\times 10^9/L$	2.04 $\pm 0.30$	5.67 $\pm 0.70$	15.07 $\pm 1.50$
	<b>RBC</b>	$\times 10^{12}/L$	<b>2.34</b> $\pm 0.18$	<b>4.50</b> $\pm 0.24$	<b>5.26</b> $\pm 0.50$
	<b>HGB</b>	g/L	<b>58</b> $\pm 4$	<b>132</b> $\pm 6$	<b>168</b> $\pm 8$
	HCT	%	18.4 $\pm 2.0$	40.5 $\pm 3.0$	51.5 $\pm 4.0$
	<b>MCV</b>	fL	<b>78.9</b> $\pm 5.0$	<b>90.0</b> $\pm 5.0$	<b>97.9</b> $\pm 6.0$
	MCH	pg	24.7 $\pm 2.5$	29.3 $\pm 2.5$	31.8 $\pm 2.5$
	MCHC	g/L	318 $\pm 30$	330 $\pm 30$	331 $\pm 30$
	RDW-CV	%	19.0 $\pm 3.0$	16.9 $\pm 3.0$	15.7 $\pm 3.0$
	RDW-SD	fL	52.4 $\pm 10.0$	52.9 $\pm 10.0$	53.0 $\pm 12.0$
	<b>PLT</b>	$\times 10^9/L$	<b>55</b> $\pm 20$	<b>269</b> $\pm 40$	<b>513</b> $\pm 60$
	MPV	fL	9.4 $\pm 3.0$	9.2 $\pm 3.0$	9.6 $\pm 3.0$
	PDW	fL	9.5 $\pm 3.0$	10.7 $\pm 3.0$	11.5 $\pm 3.0$
	PCT	%	0.051 $\pm 0.050$	0.248 $\pm 0.100$	0.493 $\pm 0.200$
P-LCR	%	20.4 $\pm 8.0$	21.6 $\pm 8.0$	24.1 $\pm 8.0$	
P-LCC	$\times 10^9/L$	11 $\pm 11$	59 $\pm 25$	120 $\pm 35$	
PDW	/	9.9 $\pm 3.0$	10.1 $\pm 3.0$	9.7 $\pm 3.0$	

**【NOTE】**

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

# DM-5D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**

📅 2023-10-13

🕒 2024-01-10

Applicable Instruments	Parameter	Unit	LOT BC1123L	LOT BC1123N	LOT BC1123H
<b>DYMIND</b>  D1-CRP D3-CRP D5-CRP DH51CRP DH53CRP DH56CRP (Technical File Version A11.11 or higher)	<b>WBC</b>	×10 <sup>9</sup> /L	<b>3.67</b> ±0.50	<b>8.75</b> ±1.00	<b>20.67</b> ±2.50
	Neu%	%	46.7 ±9.0	56.7 ±8.0	65.1 ±7.0
	Lym%	%	41.3 ±9.0	29.5 ±8.0	19.4 ±6.0
	Mon%	%	7.2 ±4.0	7.2 ±5.0	6.9 ±6.0
	Eos%	%	4.8 ±4.8	6.6 ±6.0	8.6 ±7.0
	Bas%	%	60.9 ±8.0	72.8 ±8.0	82.6 ±8.0
	Neu#	×10 <sup>9</sup> /L	1.71 ±0.40	4.96 ±0.70	13.45 ±1.40
	Lym#	×10 <sup>9</sup> /L	1.52 ±0.40	2.58 ±0.70	4.01 ±1.10
	Mon#	×10 <sup>9</sup> /L	0.26 ±0.14	0.63 ±0.50	1.43 ±1.10
	Eos#	×10 <sup>9</sup> /L	0.18 ±0.15	0.58 ±0.50	1.78 ±1.30
	Bas#	×10 <sup>9</sup> /L	2.24 ±0.30	6.37 ±0.70	17.07 ±1.50
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.38</b> ±0.18	<b>4.61</b> ±0.24	<b>5.39</b> ±0.50
	<b>HGB</b>	g/L	<b>58</b> ±4	<b>133</b> ±6	<b>168</b> ±8
	HCT	%	18.2 ±2.0	40.1 ±3.0	50.7 ±4.0
	<b>MCV</b>	fL	<b>76.3</b> ±5.0	<b>87.1</b> ±5.0	<b>94.1</b> ±6.0
	MCH	pg	24.4 ±2.5	29.1 ±2.5	31.5 ±2.5
	MCHC	g/L	320 ±30	333 ±30	334 ±30
	RDW-CV	%	18.5 ±3.0	16.2 ±3.0	15.1 ±3.0
	RDW-SD	fL	51.9 ±10.0	51.8 ±10.0	52.0 ±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>55</b> ±20	<b>266</b> ±40	<b>517</b> ±60
	MPV	fL	9.5 ±3.0	9.2 ±3.0	9.5 ±3.0
	PDW	fL	9.1 ±3.0	10.5 ±3.0	11.3 ±3.0
	PCT	%	0.052 ±0.050	0.245 ±0.100	0.491 ±0.200
P-LCR	%	20.8 ±8.0	21.2 ±8.0	23.5 ±8.0	
P-LCC	×10 <sup>9</sup> /L	14 ±14	56 ±25	115 ±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**
 2023-10-13

 2024-01-10

Applicable Instruments	Parameter	Unit	LOT BC1123L	LOT BC1123N	LOT BC1123H
<b>DYMIND</b>  UN71 UN73 UN76 DH73  Technical File Version A5.5 to A6.2)	<b>WBC</b>	$\times 10^9/L$	<b>3.47</b> $\pm 0.50$	<b>7.86</b> $\pm 1.00$	<b>18.18</b> $\pm 2.50$
	Neu%	%	46.8 $\pm 9.0$	57.5 $\pm 8.0$	65.9 $\pm 7.0$
	Lym%	%	42.4 $\pm 9.0$	30.3 $\pm 8.0$	20.3 $\pm 6.0$
	Mon%	%	6.8 $\pm 4.0$	7.0 $\pm 5.0$	6.6 $\pm 6.0$
	Eos%	%	3.4 $\pm 3.4$	4.5 $\pm 4.5$	6.4 $\pm 6.4$
	Bas%	%	0.6 $\pm 0.6$	0.7 $\pm 0.7$	0.8 $\pm 0.8$
	Neu#	$\times 10^9/L$	1.62 $\pm 0.40$	4.52 $\pm 0.70$	11.98 $\pm 1.40$
	Lym#	$\times 10^9/L$	1.47 $\pm 0.40$	2.38 $\pm 0.70$	3.69 $\pm 1.10$
	Mon#	$\times 10^9/L$	0.24 $\pm 0.14$	0.55 $\pm 0.50$	1.20 $\pm 1.10$
	Eos#	$\times 10^9/L$	0.12 $\pm 0.12$	0.35 $\pm 0.35$	1.16 $\pm 1.16$
	Bas#	$\times 10^9/L$	0.02 $\pm 0.02$	0.06 $\pm 0.06$	0.15 $\pm 0.15$
	<b>RBC</b>	$\times 10^{12}/L$	<b>2.35</b> $\pm 0.18$	<b>4.50</b> $\pm 0.24$	<b>5.21</b> $\pm 0.50$
	<b>HGB</b>	g/L	<b>58</b> $\pm 4$	<b>131</b> $\pm 6$	<b>166</b> $\pm 8$
	HCT	%	18.0 $\pm 2.0$	39.7 $\pm 3.0$	49.9 $\pm 4.0$
	<b>MCV</b>	fL	<b>76.8</b> $\pm 5.0$	<b>88.4</b> $\pm 5.0$	<b>95.8</b> $\pm 6.0$
	MCH	pg	25.3 $\pm 2.5$	29.9 $\pm 2.5$	32.6 $\pm 2.5$
	MCHC	g/L	330 $\pm 30$	339 $\pm 30$	343 $\pm 30$
	RDW-CV	%	19.2 $\pm 3.0$	17.1 $\pm 3.0$	16.1 $\pm 3.0$
	RDW-SD	fL	55.3 $\pm 10.0$	55.7 $\pm 10.0$	56.5 $\pm 12.0$
	<b>PLT</b>	$\times 10^9/L$	<b>62</b> $\pm 20$	<b>258</b> $\pm 40$	<b>483</b> $\pm 60$
MPV	fL	8.6 $\pm 3.0$	9.0 $\pm 3.0$	9.4 $\pm 3.0$	
PDW	fL	10.6 $\pm 3.0$	10.2 $\pm 3.0$	11.1 $\pm 3.0$	
PCT	%	0.053 $\pm 0.050$	0.232 $\pm 0.100$	0.454 $\pm 0.200$	
P-LCR	%	19.1 $\pm 8.0$	20.6 $\pm 8.0$	23.1 $\pm 8.0$	
P-LCC	$\times 10^9/L$	12 $\pm 12$	53 $\pm 25$	108 $\pm 35$	

**【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.



BC1123L



BC1123N





BC1123H

# DM-5D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**
 2023-10-13

 2024-01-10

Applicable Instruments	Parameter	Unit	LOT BC1123L	LOT BC1123N	LOT BC1123H
<b>DYMIND</b>  UN71 UN73 UN76 DH73 (Technical File Version A6.3 or higher)	<b>WBC</b>	$\times 10^9/L$	<b>3.49</b> $\pm 0.50$	<b>8.01</b> $\pm 1.00$	<b>18.51</b> $\pm 2.50$
	Neu%	%	46.9 $\pm 9.0$	56.3 $\pm 8.0$	65.1 $\pm 7.0$
	Lym%	%	42.5 $\pm 9.0$	30.7 $\pm 8.0$	20.2 $\pm 6.0$
	Mon%	%	6.2 $\pm 4.0$	6.7 $\pm 5.0$	6.5 $\pm 6.0$
	Eos%	%	3.8 $\pm 3.8$	5.6 $\pm 5.6$	7.4 $\pm 7.0$
	Bas%	%	0.6 $\pm 0.6$	0.7 $\pm 0.7$	0.8 $\pm 0.8$
	Neu#	$\times 10^9/L$	1.64 $\pm 0.40$	4.51 $\pm 0.70$	12.05 $\pm 1.40$
	Lym#	$\times 10^9/L$	1.48 $\pm 0.40$	2.46 $\pm 0.70$	3.74 $\pm 1.10$
	Mon#	$\times 10^9/L$	0.22 $\pm 0.14$	0.54 $\pm 0.50$	1.20 $\pm 1.10$
	Eos#	$\times 10^9/L$	0.13 $\pm 0.13$	0.45 $\pm 0.45$	1.37 $\pm 1.30$
	Bas#	$\times 10^9/L$	0.02 $\pm 0.02$	0.06 $\pm 0.06$	0.15 $\pm 0.15$
	<b>RBC</b>	$\times 10^{12}/L$	<b>2.41</b> $\pm 0.18$	<b>4.56</b> $\pm 0.24$	<b>5.28</b> $\pm 0.50$
	<b>HGB</b>	g/L	<b>59</b> $\pm 4$	<b>132</b> $\pm 6$	<b>169</b> $\pm 8$
	HCT	%	18.3 $\pm 2.0$	40.0 $\pm 3.0$	50.2 $\pm 4.0$
	<b>MCV</b>	fL	<b>75.7</b> $\pm 5.0$	<b>87.7</b> $\pm 5.0$	<b>95.0</b> $\pm 6.0$
	MCH	pg	25.0 $\pm 2.5$	29.6 $\pm 2.5$	32.6 $\pm 2.5$
	MCHC	g/L	329 $\pm 30$	338 $\pm 30$	338 $\pm 30$
	RDW-CV	%	18.6 $\pm 3.0$	16.3 $\pm 3.0$	15.3 $\pm 3.0$
	RDW-SD	fL	53.2 $\pm 10.0$	53.0 $\pm 10.0$	53.3 $\pm 12.0$
	<b>PLT</b>	$\times 10^9/L$	<b>62</b> $\pm 20$	<b>259</b> $\pm 40$	<b>477</b> $\pm 60$
	MPV	fL	8.9 $\pm 3.0$	9.1 $\pm 3.0$	9.4 $\pm 3.0$
PDW	fL	10.6 $\pm 3.0$	10.3 $\pm 3.0$	10.9 $\pm 3.0$	
PCT	%	0.056 $\pm 0.050$	0.236 $\pm 0.100$	0.448 $\pm 0.200$	
P-LCR	%	20.7 $\pm 8.0$	21.2 $\pm 8.0$	22.9 $\pm 8.0$	
P-LCC	$\times 10^9/L$	13 $\pm 13$	54 $\pm 25$	104 $\pm 35$	

**【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.



BC1123L



BC1123N



BC1123H

# DM-5D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**

📅 2023-10-13

🕒 2024-01-10

Applicable Instrument	Parameter	Unit	LOT BC1123L	LOT BC1123N	LOT BC1123H
DYMIND  DH73 Vet (Technical File Version B5.5 or higher)	<b>RBC</b>	$\times 10^{12}/L$	<b>2.41</b> $\pm 0.18$	<b>4.64</b> $\pm 0.24$	<b>5.38</b> $\pm 0.50$
	<b>HGB</b>	g/L	<b>59</b> $\pm 4$	<b>132</b> $\pm 6$	<b>170</b> $\pm 8$
	HCT	%	19.3 $\pm 2.0$	42.7 $\pm 3.0$	53.6 $\pm 4.0$
	<b>MCV</b>	fL	<b>80.2</b> $\pm 5.0$	<b>92.0</b> $\pm 5.0$	<b>99.8</b> $\pm 6.0$
	MCH	pg	24.9 $\pm 2.5$	28.9 $\pm 2.5$	32.0 $\pm 2.5$
	MCHC	g/L	311 $\pm 30$	315 $\pm 30$	322 $\pm 30$
	RDW-CV	%	18.4 $\pm 3.0$	16.2 $\pm 3.0$	15.3 $\pm 3.0$
	RDW-SD	fL	52.1 $\pm 10.0$	52.0 $\pm 10.0$	52.8 $\pm 12.0$
	<b>PLT</b>	$\times 10^9/L$	<b>64</b> $\pm 20$	<b>260</b> $\pm 40$	<b>477</b> $\pm 60$
	MPV	fL	9.1 $\pm 3.0$	9.4 $\pm 3.0$	9.6 $\pm 3.0$
	PDW	fL	11.2 $\pm 3.0$	10.9 $\pm 3.0$	11.4 $\pm 3.0$
	PCT	%	0.058 $\pm 0.050$	0.244 $\pm 0.100$	0.457 $\pm 0.200$
	P-LCR	%	22.4 $\pm 8.0$	22.6 $\pm 8.0$	23.8 $\pm 8.0$
P-LCC	$\times 10^9/L$	14 $\pm 14$	58 $\pm 25$	108 $\pm 35$	

**【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**

📅 2023-10-13

🕒 2024-01-10

Applicable Instruments	Parameter	Unit	LOT BC1123L	LOT BC1123N	LOT BC1123H
<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>3.43</b> ±0.50	<b>7.85</b> ±1.00	<b>18.49</b> ±2.50
	Neu%	%	46.8 ±9.0	55.6 ±8.0	64.6 ±7.0
	Lym%	%	40.3 ±9.0	28.8 ±8.0	17.0 ±6.0
	Mon%	%	5.4 ±4.0	5.9 ±5.0	6.0 ±6.0
	Eos%	%	7.5 ±5.0	9.7 ±6.0	12.4 ±7.0
	Bas%	%	1.7 ±1.7	1.0 ±1.0	1.1 ±1.1
	Neu#	×10 <sup>9</sup> /L	1.61 ±0.40	4.36 ±0.70	11.94 ±1.40
	Lym#	×10 <sup>9</sup> /L	1.38 ±0.40	2.26 ±0.70	3.14 ±1.10
	Mon#	×10 <sup>9</sup> /L	0.19 ±0.14	0.46 ±0.46	1.11 ±1.10
	Eos#	×10 <sup>9</sup> /L	0.26 ±0.15	0.76 ±0.50	2.29 ±1.30
	Bas#	×10 <sup>9</sup> /L	0.06 ±0.06	0.08 ±0.08	0.20 ±0.20
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.35</b> ±0.18	<b>4.54</b> ±0.24	<b>5.29</b> ±0.50
	<b>HGB</b>	g/L	<b>59</b> ±4	<b>134</b> ±6	<b>171</b> ±8
	HCT	%	17.8 ±2.0	39.6 ±3.0	50.4 ±4.0
	<b>MCV</b>	fL	<b>75.8</b> ±5.0	<b>87.2</b> ±5.0	<b>95.4</b> ±6.0
	MCH	pg	24.8 ±2.5	29.3 ±2.5	32.2 ±2.5
	MCHC	g/L	328 ±30	336 ±30	338 ±30
	RDW-CV	%	15.7 ±3.0	14.4 ±3.0	13.3 ±3.0
	RDW-SD	fL	49.8 ±10.0	51.3 ±10.0	51.5 ±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>69</b> ±20	<b>265</b> ±40	<b>468</b> ±60
MPV	fL	8.9 ±3.0	9.0 ±3.0	9.5 ±3.0	
PDW	/	14.6 ±3.0	16.1 ±3.0	16.2 ±3.0	
PCT	%	0.061 ±0.050	0.239 ±0.100	0.445 ±0.200	
P-LCR	%	26.9 ±8.0	29.8 ±8.0	33.0 ±8.0	
P-LCC	×10 <sup>9</sup> /L	18 ±15	78 ±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.
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**

 2023-10-13

 2024-01-10

Applicable Instruments	Parameter	Unit	LOT BC1123L	LOT BC1123N	LOT BC1123H
<b>DYMIND</b>  DF50 DF51 DF52 DF53 DF55 DF56  (Technical File Version A11.2 to A11.6)	<b>WBC</b>	$\times 10^9/L$	<b>3.46</b> $\pm 0.50$	<b>7.85</b> $\pm 1.00$	<b>18.46</b> $\pm 2.50$
	Neu%	%	47.1 $\pm 9.0$	56.4 $\pm 8.0$	64.6 $\pm 7.0$
	Lym%	%	40.0 $\pm 9.0$	23.5 $\pm 8.0$	16.8 $\pm 6.0$
	Mon%	%	5.8 $\pm 4.0$	10.5 $\pm 5.0$	6.2 $\pm 6.0$
	Eos%	%	7.1 $\pm 5.0$	9.6 $\pm 6.0$	12.4 $\pm 7.0$
	Bas%	%	2.6 $\pm 2.6$	1.6 $\pm 1.6$	3.6 $\pm 3.6$
	Neu#	$\times 10^9/L$	1.63 $\pm 0.40$	4.43 $\pm 0.70$	11.92 $\pm 1.40$
	Lym#	$\times 10^9/L$	1.38 $\pm 0.40$	1.85 $\pm 0.70$	3.10 $\pm 1.10$
	Mon#	$\times 10^9/L$	0.20 $\pm 0.14$	0.82 $\pm 0.50$	1.14 $\pm 1.10$
	Eos#	$\times 10^9/L$	0.25 $\pm 0.15$	0.75 $\pm 0.50$	2.29 $\pm 1.30$
	Bas#	$\times 10^9/L$	0.09 $\pm 0.09$	0.13 $\pm 0.13$	0.66 $\pm 0.66$
	<b>RBC</b>	$\times 10^{12}/L$	<b>2.42</b> $\pm 0.18$	<b>4.62</b> $\pm 0.24$	<b>5.40</b> $\pm 0.50$
	<b>HGB</b>	g/L	<b>58</b> $\pm 4$	<b>133</b> $\pm 6$	<b>170</b> $\pm 8$
	HCT	%	18.6 $\pm 2.0$	40.5 $\pm 3.0$	51.2 $\pm 4.0$
	<b>MCV</b>	fL	<b>76.7</b> $\pm 5.0$	<b>87.6</b> $\pm 5.0$	<b>94.8</b> $\pm 6.0$
	MCH	pg	24.1 $\pm 2.5$	28.7 $\pm 2.5$	31.5 $\pm 2.5$
	MCHC	g/L	315 $\pm 30$	329 $\pm 30$	334 $\pm 30$
	RDW-CV	%	15.5 $\pm 3.0$	13.9 $\pm 3.0$	13.1 $\pm 3.0$
	RDW-SD	fL	49.9 $\pm 10.0$	50.6 $\pm 10.0$	51.1 $\pm 12.0$
	<b>PLT</b>	$\times 10^9/L$	<b>71</b> $\pm 20$	<b>268</b> $\pm 40$	<b>481</b> $\pm 60$
	MPV	fL	9.3 $\pm 3.0$	9.3 $\pm 3.0$	9.8 $\pm 3.0$
	PDW	fL	11.2 $\pm 3.0$	12.3 $\pm 3.0$	13.1 $\pm 3.0$
	PCT	%	0.066 $\pm 0.050$	0.249 $\pm 0.100$	0.471 $\pm 0.200$
P-LCR	%	29.6 $\pm 8.0$	31.8 $\pm 8.0$	35.3 $\pm 8.0$	
P-LCC	$\times 10^9/L$	21 $\pm 15$	84 $\pm 25$	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 applicable to DF50,DF51 and DF53 Instruments.

# DM-5D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**

📅 2023-10-13

🕒 2024-01-10

Applicable Instruments	Parameter	Unit	LOT BC1123L	LOT BC1123N	LOT BC1123H
<b>DYMIND</b>  DF50 DF51 DF52 DF53 DF55 DF56 (Technical File Version A12.0 or higher)	<b>WBC</b>	×10 <sup>9</sup> /L	<b>3.52</b> ±0.50	<b>8.07</b> ±1.00	<b>18.85</b> ±2.50
	Neu%	%	46.5 ±9.0	55.6 ±8.0	63.0 ±7.0
	Lym%	%	39.8 ±9.0	26.7 ±8.0	17.7 ±6.0
	Mon%	%	6.5 ±4.0	8.0 ±5.0	7.0 ±6.0
	Eos%	%	7.2 ±5.0	9.7 ±6.0	12.3 ±7.0
	Bas%	%	1.8 ±1.8	0.9 ±0.9	1.0 ±1.0
	Neu#	×10 <sup>9</sup> /L	1.64 ±0.40	4.49 ±0.70	11.88 ±1.40
	Lym#	×10 <sup>9</sup> /L	1.40 ±0.40	2.16 ±0.70	3.34 ±1.10
	Mon#	×10 <sup>9</sup> /L	0.23 ±0.14	0.65 ±0.50	1.32 ±1.10
	Eos#	×10 <sup>9</sup> /L	0.25 ±0.15	0.78 ±0.50	2.32 ±1.30
	Bas#	×10 <sup>9</sup> /L	0.06 ±0.06	0.07 ±0.07	0.19 ±0.19
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.40</b> ±0.18	<b>4.60</b> ±0.24	<b>5.37</b> ±0.50
	<b>HGB</b>	g/L	<b>59</b> ±4	<b>134</b> ±6	<b>172</b> ±8
	HCT	%	18.5 ±2.0	40.0 ±3.0	50.1 ±4.0
	<b>MCV</b>	fL	<b>77.1</b> ±5.0	<b>87.0</b> ±5.0	<b>93.2</b> ±6.0
	MCH	pg	24.5 ±2.5	29.1 ±2.5	32.0 ±2.5
	MCHC	g/L	316 ±30	334 ±30	344 ±30
	RDW-CV	%	16.0 ±3.0	14.6 ±3.0	13.8 ±3.0
	RDW-SD	fL	52.7 ±10.0	54.2 ±10.0	55.1 ±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>67</b> ±20	<b>256</b> ±40	<b>463</b> ±60
	MPV	fL	8.7 ±3.0	8.7 ±3.0	9.3 ±3.0
PDW	fL	10.2 ±3.0	11.3 ±3.0	12.3 ±3.0	
PCT	%	0.058 ±0.050	0.223 ±0.100	0.430 ±0.200	
P-LCR	%	25.4 ±8.0	27.7 ±8.0	31.5 ±8.0	
P-LCC	×10 <sup>9</sup> /L	17 ±15	70 ±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.
5. P-LCC and P-LCR parameters are not applicable to DF50,DF51 and DF53 Instruments.



BC1123L



BC1123N



BC1123H

# DM-5D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**

📅 2023-10-13

🕒 2024-01-10

Applicable Instruments	Parameter	Unit	LOT BC1123L	LOT BC1123N	LOT BC1123H
<b>DYMIND</b>  DF50 DF51 DF52 DF53 DF55 DF56 (Technical File Version B1.0 or higher)	<b>WBC</b>	×10 <sup>9</sup> /L	<b>3.53</b> ±0.50	<b>8.06</b> ±1.00	<b>18.78</b> ±2.50
	Neu%	%	47.8 ±9.0	55.4 ±8.0	64.1 ±7.0
	Lym%	%	39.6 ±9.0	28.6 ±8.0	17.8 ±6.0
	Mon%	%	5.5 ±4.0	6.1 ±5.0	5.6 ±5.6
	Eos%	%	7.1 ±5.0	9.9 ±6.0	12.5 ±7.0
	Bas%	%	2.0 ±2.0	1.0 ±1.0	1.1 ±1.1
	Neu#	×10 <sup>9</sup> /L	1.69 ±0.40	4.47 ±0.70	12.04 ±1.40
	Lym#	×10 <sup>9</sup> /L	1.40 ±0.40	2.31 ±0.70	3.34 ±1.10
	Mon#	×10 <sup>9</sup> /L	0.19 ±0.14	0.49 ±0.49	1.05 ±1.05
	Eos#	×10 <sup>9</sup> /L	0.25 ±0.15	0.80 ±0.50	2.35 ±1.30
	Bas#	×10 <sup>9</sup> /L	0.07 ±0.07	0.08 ±0.08	0.21 ±0.21
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.43</b> ±0.18	<b>4.67</b> ±0.24	<b>5.44</b> ±0.50
	<b>HGB</b>	g/L	<b>58</b> ±4	<b>135</b> ±6	<b>172</b> ±8
	HCT	%	18.5 ±2.0	40.3 ±3.0	50.3 ±4.0
	<b>MCV</b>	fL	<b>76.2</b> ±5.0	<b>86.4</b> ±5.0	<b>92.5</b> ±6.0
	MCH	pg	24.4 ±2.5	29.3 ±2.5	32.3 ±2.5
	MCHC	g/L	320 ±30	339 ±30	349 ±30
	RDW-CV	%	15.8 ±3.0	14.3 ±3.0	13.4 ±3.0
	RDW-SD	fL	50.9 ±10.0	52.1 ±10.0	52.5 ±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>69</b> ±20	<b>269</b> ±40	<b>475</b> ±60
	MPV	fL	8.6 ±3.0	8.5 ±3.0	9.0 ±3.0
PDW	fL	10.4 ±3.0	11.8 ±3.0	12.9 ±3.0	
PCT	%	0.060 ±0.050	0.228 ±0.100	0.427 ±0.200	
P-LCR	%	24.0 ±8.0	25.9 ±8.0	29.5 ±8.0	
P-LCC	×10 <sup>9</sup> /L	17 ±15	70 ±25	139 ±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.



BC1123L



BC1123N




BC1123H


# DM-5D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**

 2023-10-13

 2024-01-10

Applicable Instruments	Parameter	Unit	LOT BC1123L	LOT BC1123N	LOT BC1123H
<b>DYMIND</b>  DH71 DH76 (Technical File Version A4.1to A10.3)  DH51 DH53 DH56 (Technical File Version A8.1 or higher)	<b>WBC</b>	$\times 10^9/L$	<b>3.55</b> $\pm 0.50$	<b>7.99</b> $\pm 1.00$	<b>18.53</b> $\pm 2.50$
	Neu%	%	49.7 $\pm 9.0$	57.6 $\pm 8.0$	67.7 $\pm 7.0$
	Lym%	%	42.3 $\pm 9.0$	29.7 $\pm 8.0$	19.7 $\pm 6.0$
	Mon%	%	4.2 $\pm 4.0$	7.2 $\pm 5.0$	5.7 $\pm 5.7$
	Eos%	%	3.8 $\pm 3.8$	5.5 $\pm 5.5$	6.9 $\pm 6.9$
	Bas%	%	59.1 $\pm 8.0$	71.4 $\pm 8.0$	81.8 $\pm 8.0$
	Neu#	$\times 10^9/L$	1.76 $\pm 0.40$	4.60 $\pm 0.70$	12.55 $\pm 1.40$
	Lym#	$\times 10^9/L$	1.50 $\pm 0.40$	2.37 $\pm 0.70$	3.65 $\pm 1.10$
	Mon#	$\times 10^9/L$	0.15 $\pm 0.14$	0.58 $\pm 0.50$	1.06 $\pm 1.06$
	Eos#	$\times 10^9/L$	0.13 $\pm 0.13$	0.44 $\pm 0.44$	1.28 $\pm 1.28$
	Bas#	$\times 10^9/L$	2.10 $\pm 0.30$	5.71 $\pm 0.70$	15.16 $\pm 1.50$
	<b>RBC</b>	$\times 10^{12}/L$	<b>2.38</b> $\pm 0.18$	<b>4.60</b> $\pm 0.24$	<b>5.44</b> $\pm 0.50$
	<b>HGB</b>	g/L	<b>58</b> $\pm 4$	<b>133</b> $\pm 6$	<b>170</b> $\pm 8$
	HCT	%	18.9 $\pm 2.0$	42.1 $\pm 3.0$	53.9 $\pm 4.0$
	<b>MCV</b>	fL	<b>79.4</b> $\pm 5.0$	<b>91.4</b> $\pm 5.0$	<b>99.2</b> $\pm 6.0$
	MCH	pg	24.7 $\pm 2.5$	29.6 $\pm 2.5$	31.9 $\pm 2.5$
	MCHC	g/L	313 $\pm 30$	327 $\pm 30$	325 $\pm 30$
	RDW-CV	%	18.7 $\pm 3.0$	16.5 $\pm 3.0$	15.4 $\pm 3.0$
	RDW-SD	fL	52.4 $\pm 10.0$	52.7 $\pm 10.0$	52.9 $\pm 12.0$
	<b>PLT</b>	$\times 10^9/L$	<b>67</b> $\pm 20$	<b>265</b> $\pm 40$	<b>470</b> $\pm 60$
MPV	fL	10.2 $\pm 3.0$	10.3 $\pm 3.0$	10.4 $\pm 3.0$	
PDW	/	10.2 $\pm 3.0$	10.5 $\pm 3.0$	10.4 $\pm 3.0$	
PCT	%	0.068 $\pm 0.050$	0.273 $\pm 0.100$	0.489 $\pm 0.200$	
P-LCR	%	27.6 $\pm 8.0$	28.4 $\pm 8.0$	29.4 $\pm 8.0$	
P-LCC	$\times 10^9/L$	20 $\pm 15$	77 $\pm 25$	127 $\pm 35$	

**【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**

 2023-10-13

 2024-01-10

Applicable Instruments	Parameter	Unit	LOT BC1123L	LOT BC1123N	LOT BC1123H
<b>DYMIND</b>  DH71 DH76 (Technical File Version A10.4)	<b>WBC</b>	$\times 10^9/L$	<b>3.30</b> $\pm 0.50$	<b>7.43</b> $\pm 1.00$	<b>16.95</b> $\pm 2.50$
	Neu%	%	46.3 $\pm 9.0$	56.5 $\pm 8.0$	64.6 $\pm 7.0$
	Lym%	%	42.7 $\pm 9.0$	30.4 $\pm 8.0$	20.6 $\pm 6.0$
	Mon%	%	7.0 $\pm 4.0$	7.2 $\pm 5.0$	6.9 $\pm 6.0$
	Eos%	%	4.0 $\pm 4.0$	5.9 $\pm 5.9$	7.9 $\pm 7.0$
	Bas%	%	57.7 $\pm 8.0$	70.4 $\pm 8.0$	81.0 $\pm 8.0$
	Neu#	$\times 10^9/L$	1.53 $\pm 0.40$	4.20 $\pm 0.70$	10.95 $\pm 1.40$
	Lym#	$\times 10^9/L$	1.41 $\pm 0.40$	2.26 $\pm 0.70$	3.49 $\pm 1.10$
	Mon#	$\times 10^9/L$	0.23 $\pm 0.14$	0.53 $\pm 0.50$	1.17 $\pm 1.10$
	Eos#	$\times 10^9/L$	0.13 $\pm 0.13$	0.44 $\pm 0.44$	1.34 $\pm 1.30$
	Bas#	$\times 10^9/L$	1.90 $\pm 0.30$	5.23 $\pm 0.70$	13.73 $\pm 1.50$
	<b>RBC</b>	$\times 10^{12}/L$	<b>2.37</b> $\pm 0.18$	<b>4.57</b> $\pm 0.24$	<b>5.34</b> $\pm 0.50$
	<b>HGB</b>	g/L	<b>57</b> $\pm 4$	<b>133</b> $\pm 6$	<b>169</b> $\pm 8$
	HCT	%	18.2 $\pm 2.0$	40.5 $\pm 3.0$	51.0 $\pm 4.0$
	<b>MCV</b>	fL	<b>76.9</b> $\pm 5.0$	<b>88.5</b> $\pm 5.0$	<b>95.5</b> $\pm 6.0$
	MCH	pg	24.3 $\pm 2.5$	29.2 $\pm 2.5$	31.9 $\pm 2.5$
	MCHC	g/L	317 $\pm 30$	332 $\pm 30$	336 $\pm 30$
	RDW-CV	%	18.7 $\pm 3.0$	16.5 $\pm 3.0$	15.4 $\pm 3.0$
	RDW-SD	fL	52.8 $\pm 10.0$	52.9 $\pm 10.0$	53.4 $\pm 12.0$
	<b>PLT</b>	$\times 10^9/L$	<b>56</b> $\pm 20$	<b>259</b> $\pm 40$	<b>494</b> $\pm 60$
	MPV	fL	9.6 $\pm 3.0$	9.3 $\pm 3.0$	9.6 $\pm 3.0$
	PDW	fL	10.2 $\pm 3.0$	10.8 $\pm 3.0$	11.5 $\pm 3.0$
	PCT	%	0.053 $\pm 0.050$	0.241 $\pm 0.100$	0.475 $\pm 0.200$
P-LCR	%	22.4 $\pm 8.0$	22.0 $\pm 8.0$	24.2 $\pm 8.0$	
P-LCC	$\times 10^9/L$	13 $\pm 13$	57 $\pm 25$	117 $\pm 35$	

**【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**

📅 2023-10-13

🕒 2024-01-10

Applicable Instruments	Parameter	Unit	LOT BC1123L	LOT BC1123N	LOT BC1123H
<b>DYMIND</b>  DH71 DH76 (Technical File Version A10.5 or higher)	<b>WBC</b>	×10 <sup>9</sup> /L	<b>3.56</b> ±0.50	<b>8.19</b> ±1.00	<b>19.15</b> ±2.50
	Neu%	%	46.7 ±9.0	56.5 ±8.0	64.4 ±7.0
	Lym%	%	42.2 ±9.0	30.1 ±8.0	20.2 ±6.0
	Mon%	%	6.9 ±4.0	7.1 ±5.0	7.0 ±6.0
	Eos%	%	4.2 ±4.2	6.3 ±6.0	8.4 ±7.0
	Bas%	%	60.0 ±8.0	72.9 ±8.0	82.7 ±8.0
	Neu#	×10 <sup>9</sup> /L	1.66 ±0.40	4.63 ±0.70	12.33 ±1.40
	Lym#	×10 <sup>9</sup> /L	1.50 ±0.40	2.46 ±0.70	3.87 ±1.10
	Mon#	×10 <sup>9</sup> /L	0.25 ±0.14	0.58 ±0.50	1.34 ±1.10
	Eos#	×10 <sup>9</sup> /L	0.15 ±0.15	0.52 ±0.50	1.61 ±1.30
	Bas#	×10 <sup>9</sup> /L	2.13 ±0.30	5.97 ±0.70	15.84 ±1.50
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.37</b> ±0.18	<b>4.56</b> ±0.24	<b>5.32</b> ±0.50
	<b>HGB</b>	g/L	<b>58</b> ±4	<b>134</b> ±6	<b>169</b> ±8
	HCT	%	18.1 ±2.0	40.3 ±3.0	50.8 ±4.0
	<b>MCV</b>	fL	<b>76.6</b> ±5.0	<b>88.3</b> ±5.0	<b>95.5</b> ±6.0
	MCH	pg	24.6 ±2.5	29.4 ±2.5	31.9 ±2.5
	MCHC	g/L	321 ±30	334 ±30	335 ±30
	RDW-CV	%	18.8 ±3.0	16.5 ±3.0	15.4 ±3.0
	RDW-SD	fL	53.0 ±10.0	52.7 ±10.0	53.0 ±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>54</b> ±20	<b>267</b> ±40	<b>507</b> ±60
MPV	fL	9.3 ±3.0	9.0 ±3.0	9.2 ±3.0	
PDW	fL	9.5 ±3.0	9.9 ±3.0	10.8 ±3.0	
PCT	%	0.050 ±0.050	0.240 ±0.100	0.466 ±0.200	
P-LCR	%	19.7 ±8.0	20.0 ±8.0	21.7 ±8.0	
P-LCC	×10 <sup>9</sup> /L	11 ±11	53 ±25	105 ±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.



BC1123L



BC1123N




BC1123H


# DM-5D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**

 2023-10-13

 2024-01-10

Applicable Instruments	Parameter	Unit	LOT BC1123L	LOT BC1123N	LOT BC1123H
<b>DYMIND</b>  D2-CRP D7-CRP DH71CRP DH73CRP (Technical File Version A3.0 to A5.11)	<b>WBC</b>	$\times 10^9/L$	<b>3.43</b> $\pm 0.50$	<b>7.79</b> $\pm 1.00$	<b>17.83</b> $\pm 2.50$
	Neu%	%	49.5 $\pm 9.0$	55.7 $\pm 8.0$	65.0 $\pm 7.0$
	Lym%	%	40.6 $\pm 9.0$	29.0 $\pm 8.0$	19.4 $\pm 6.0$
	Mon%	%	3.7 $\pm 3.7$	7.0 $\pm 5.0$	5.7 $\pm 5.7$
	Eos%	%	6.2 $\pm 5.0$	8.3 $\pm 6.0$	9.9 $\pm 7.0$
	Bas%	%	60.2 $\pm 8.0$	72.4 $\pm 8.0$	81.9 $\pm 8.0$
	Neu#	$\times 10^9/L$	1.70 $\pm 0.40$	4.34 $\pm 0.70$	11.59 $\pm 1.40$
	Lym#	$\times 10^9/L$	1.39 $\pm 0.40$	2.26 $\pm 0.70$	3.46 $\pm 1.10$
	Mon#	$\times 10^9/L$	0.13 $\pm 0.13$	0.55 $\pm 0.50$	1.02 $\pm 1.02$
	Eos#	$\times 10^9/L$	0.21 $\pm 0.15$	0.65 $\pm 0.50$	1.77 $\pm 1.30$
	Bas#	$\times 10^9/L$	2.07 $\pm 0.30$	5.64 $\pm 0.70$	14.60 $\pm 1.50$
	<b>RBC</b>	$\times 10^{12}/L$	<b>2.35</b> $\pm 0.18$	<b>4.50</b> $\pm 0.24$	<b>5.23</b> $\pm 0.50$
	<b>HGB</b>	g/L	<b>57</b> $\pm 4$	<b>131</b> $\pm 6$	<b>167</b> $\pm 8$
	HCT	%	18.8 $\pm 2.0$	42.0 $\pm 3.0$	52.6 $\pm 4.0$
	<b>MCV</b>	fL	<b>80.2</b> $\pm 5.0$	<b>93.3</b> $\pm 5.0$	<b>100.7</b> $\pm 6.0$
	MCH	pg	24.5 $\pm 2.5$	29.3 $\pm 2.5$	32.0 $\pm 2.5$
	MCHC	g/L	309 $\pm 30$	317 $\pm 30$	322 $\pm 30$
	RDW-CV	%	18.8 $\pm 3.0$	15.9 $\pm 3.0$	15.2 $\pm 3.0$
	RDW-SD	fL	52.9 $\pm 10.0$	51.8 $\pm 10.0$	52.8 $\pm 12.0$
	<b>PLT</b>	$\times 10^9/L$	<b>59</b> $\pm 20$	<b>263</b> $\pm 40$	<b>493</b> $\pm 60$
MPV	fL	9.7 $\pm 3.0$	9.5 $\pm 3.0$	9.8 $\pm 3.0$	
PDW	fL	10.7 $\pm 3.0$	11.0 $\pm 3.0$	12.0 $\pm 3.0$	
PCT	%	0.057 $\pm 0.050$	0.250 $\pm 0.100$	0.483 $\pm 0.200$	
P-LCR	%	23.6 $\pm 8.0$	23.3 $\pm 8.0$	25.6 $\pm 8.0$	
P-LCC	$\times 10^9/L$	14 $\pm 14$	61 $\pm 25$	120 $\pm 35$	
PDW	/	10.1 $\pm 3.0$	10.2 $\pm 3.0$	9.7 $\pm 3.0$	


**【NOTE】**


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

# DM-5D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**
 2023-10-13

 2024-01-10

Applicable Instruments	Parameter	Unit	LOT BC1123L	LOT BC1123N	LOT BC1123H
<b>DYMIND</b>  D2-CRP D7-CRP DH71CRP DH73CRP (Technical File Version A6.0 to A 6.5)	<b>WBC</b>	$\times 10^9/L$	<b>3.48</b> $\pm 0.50$	<b>7.94</b> $\pm 1.00$	<b>18.60</b> $\pm 2.50$
	Neu%	%	47.1 $\pm 9.0$	57.0 $\pm 8.0$	65.6 $\pm 7.0$
	Lym%	%	42.4 $\pm 9.0$	30.7 $\pm 8.0$	20.4 $\pm 6.0$
	Mon%	%	7.1 $\pm 4.0$	7.2 $\pm 5.0$	6.9 $\pm 6.0$
	Eos%	%	3.4 $\pm 3.4$	5.1 $\pm 5.1$	7.1 $\pm 7.0$
	Bas%	%	60.4 $\pm 8.0$	72.7 $\pm 8.0$	82.5 $\pm 8.0$
	Neu#	$\times 10^9/L$	1.64 $\pm 0.40$	4.53 $\pm 0.70$	12.20 $\pm 1.40$
	Lym#	$\times 10^9/L$	1.48 $\pm 0.40$	2.44 $\pm 0.70$	3.79 $\pm 1.10$
	Mon#	$\times 10^9/L$	0.25 $\pm 0.14$	0.57 $\pm 0.50$	1.28 $\pm 1.10$
	Eos#	$\times 10^9/L$	0.12 $\pm 0.12$	0.40 $\pm 0.40$	1.32 $\pm 1.30$
	Bas#	$\times 10^9/L$	2.10 $\pm 0.30$	5.77 $\pm 0.70$	15.35 $\pm 1.50$
	<b>RBC</b>	$\times 10^{12}/L$	<b>2.35</b> $\pm 0.18$	<b>4.55</b> $\pm 0.24$	<b>5.30</b> $\pm 0.50$
	<b>HGB</b>	g/L	<b>57</b> $\pm 4$	<b>132</b> $\pm 6$	<b>167</b> $\pm 8$
	HCT	%	18.1 $\pm 2.0$	39.9 $\pm 3.0$	50.2 $\pm 4.0$
	<b>MCV</b>	fL	<b>77.3</b> $\pm 5.0$	<b>87.8</b> $\pm 5.0$	<b>94.8</b> $\pm 6.0$
	MCH	pg	24.5 $\pm 2.5$	29.2 $\pm 2.5$	31.7 $\pm 2.5$
	MCHC	g/L	321 $\pm 30$	335 $\pm 30$	339 $\pm 30$
	RDW-CV	%	19.1 $\pm 3.0$	16.9 $\pm 3.0$	15.8 $\pm 3.0$
	RDW-SD	fL	52.8 $\pm 10.0$	53.3 $\pm 10.0$	53.8 $\pm 12.0$
	<b>PLT</b>	$\times 10^9/L$	<b>56</b> $\pm 20$	<b>268</b> $\pm 40$	<b>521</b> $\pm 60$
	MPV	fL	9.4 $\pm 3.0$	9.3 $\pm 3.0$	9.7 $\pm 3.0$
PDW	fL	10.3 $\pm 3.0$	11.0 $\pm 3.0$	11.7 $\pm 3.0$	
PCT	%	0.053 $\pm 0.050$	0.249 $\pm 0.100$	0.506 $\pm 0.200$	
P-LCR	%	20.7 $\pm 8.0$	22.4 $\pm 8.0$	24.9 $\pm 8.0$	
P-LCC	$\times 10^9/L$	12 $\pm 12$	60 $\pm 25$	125 $\pm 35$	

**【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.



BC1123L



BC1123N



BC1123H

# DM-5D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**

📅 2023-10-13

🕒 2024-01-10

Applicable Instruments	Parameter	Unit	LOT BC1123L	LOT BC1123N	LOT BC1123H
<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>3.71</b> ±0.50	<b>8.45</b> ±1.00	<b>19.47</b> ±2.50
	Neu%	%	45.3 ±9.0	55.4 ±8.0	64.1 ±7.0
	Lym%	%	42.4 ±9.0	30.1 ±8.0	19.3 ±6.0
	Mon%	%	6.8 ±4.0	7.2 ±5.0	7.0 ±6.0
	Eos%	%	5.5 ±5.0	7.3 ±6.0	9.6 ±7.0
	Bas%	%	61.1 ±8.0	73.4 ±8.0	83.5 ±8.0
	Neu#	×10 <sup>9</sup> /L	1.68 ±0.40	4.68 ±0.70	12.48 ±1.40
	Lym#	×10 <sup>9</sup> /L	1.57 ±0.40	2.54 ±0.70	3.76 ±1.10
	Mon#	×10 <sup>9</sup> /L	0.25 ±0.14	0.61 ±0.50	1.36 ±1.10
	Eos#	×10 <sup>9</sup> /L	0.20 ±0.15	0.62 ±0.50	1.87 ±1.30
	Bas#	×10 <sup>9</sup> /L	2.26 ±0.30	6.21 ±0.70	16.26 ±1.50
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.43</b> ±0.18	<b>4.64</b> ±0.24	<b>5.38</b> ±0.50
	<b>HGB</b>	g/L	<b>59</b> ±4	<b>134</b> ±6	<b>168</b> ±8
	HCT	%	18.8 ±2.0	41.2 ±3.0	51.8 ±4.0
	<b>MCV</b>	fL	<b>77.4</b> ±5.0	<b>88.8</b> ±5.0	<b>96.3</b> ±6.0
	MCH	pg	24.4 ±2.5	29.1 ±2.5	31.7 ±2.5
	MCHC	g/L	314 ±30	326 ±30	329 ±30
	RDW-CV	%	18.6 ±3.0	16.3 ±3.0	15.2 ±3.0
	RDW-SD	fL	53.2 ±10.0	52.9 ±10.0	53.1 ±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>54</b> ±20	<b>254</b> ±40	<b>490</b> ±60
	MPV	fL	9.1 ±3.0	8.8 ±3.0	9.1 ±3.0
PDW	fL	9.1 ±3.0	9.8 ±3.0	10.5 ±3.0	
PCT	%	0.049 ±0.049	0.223 ±0.100	0.446 ±0.200	
P-LCR	%	18.1 ±8.0	19.2 ±8.0	21.0 ±8.0	
P-LCC	×10 <sup>9</sup> /L	12 ±12	50 ±25	101 ±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.



BC1123L



BC1123N



BC1123H

# DM-5D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**

📅 2023-10-13

🕒 2024-01-10

Applicable Instruments	Parameter	Unit	LOT BC1123L	LOT BC1123N	LOT BC1123H
<b>DYMIND</b>  D6-CRP DH76CRP (Technical File Version B1.0 to B2.0)	<b>WBC</b>	×10 <sup>9</sup> /L	<b>3.57</b> ±0.50	<b>8.07</b> ±1.00	<b>18.63</b> ±2.50
	Neu%	%	48.0 ±9.0	57.3 ±8.0	65.6 ±7.0
	Lym%	%	41.4 ±9.0	30.1 ±8.0	20.2 ±6.0
	Mon%	%	7.3 ±4.0	7.6 ±5.0	7.3 ±6.0
	Eos%	%	3.3 ±3.3	5.0 ±5.0	6.9 ±6.9
	Bas%	%	60.8 ±8.0	72.8 ±8.0	58.4 ±8.0
	Neu#	×10 <sup>9</sup> /L	1.71 ±0.40	4.63 ±0.70	12.22 ±1.40
	Lym#	×10 <sup>9</sup> /L	1.48 ±0.40	2.43 ±0.70	3.76 ±1.10
	Mon#	×10 <sup>9</sup> /L	0.26 ±0.14	0.61 ±0.50	1.36 ±1.10
	Eos#	×10 <sup>9</sup> /L	0.12 ±0.12	0.40 ±0.40	1.29 ±1.29
	Bas#	×10 <sup>9</sup> /L	2.17 ±0.30	5.88 ±0.70	10.88 ±1.50
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.36</b> ±0.18	<b>4.52</b> ±0.24	<b>5.27</b> ±0.50
	<b>HGB</b>	g/L	<b>60</b> ±4	<b>133</b> ±6	<b>167</b> ±8
	HCT	%	18.2 ±2.0	39.6 ±3.0	50.0 ±4.0
	<b>MCV</b>	fL	<b>77.1</b> ±5.0	<b>87.8</b> ±5.0	<b>94.8</b> ±6.0
	MCH	pg	25.3 ±2.5	29.2 ±2.5	31.6 ±2.5
	MCHC	g/L	332 ±30	335 ±30	336 ±30
	RDW-CV	%	18.8 ±3.0	16.5 ±3.0	15.5 ±3.0
	RDW-SD	fL	52.1 ±10.0	52.3 ±10.0	52.8 ±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>58</b> ±20	<b>260</b> ±40	<b>500</b> ±60
	MPV	fL	8.5 ±3.0	8.9 ±3.0	9.2 ±3.0
PDW	fL	10.4 ±3.0	10.1 ±3.0	10.7 ±3.0	
PCT	%	0.049 ±0.049	0.231 ±0.100	0.460 ±0.200	
P-LCR	%	18.5 ±8.0	19.7 ±8.0	21.3 ±8.0	
P-LCC	×10 <sup>9</sup> /L	11 ±11	51 ±25	102 ±35	

**【NOTE】**

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



BC1123L



BC1123N



BC1123H

# DM-5D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**

📅 2023-10-13

🕒 2024-01-10

Applicable Instruments	Parameter	Unit	LOT BC1123L	LOT BC1123N	LOT BC1123H
<b>DYMIND</b>  D6-CRP DH76CRP (Technical File Version B2.2 or higher)	<b>WBC</b>	×10 <sup>9</sup> /L	<b>3.67</b> ±0.50	<b>8.37</b> ±1.00	<b>19.26</b> ±2.50
	Neu%	%	46.1 ±9.0	55.6 ±8.0	63.5 ±7.0
	Lym%	%	41.1 ±9.0	29.4 ±8.0	19.5 ±6.0
	Mon%	%	7.0 ±4.0	7.1 ±5.0	6.9 ±6.0
	Eos%	%	5.8 ±5.0	7.9 ±6.0	10.1 ±7.0
	Bas%	%	60.5 ±8.0	72.8 ±8.0	83.0 ±8.0
	Neu#	×10 <sup>9</sup> /L	1.69 ±0.40	4.65 ±0.70	12.23 ±1.40
	Lym#	×10 <sup>9</sup> /L	1.51 ±0.40	2.46 ±0.70	3.75 ±1.10
	Mon#	×10 <sup>9</sup> /L	0.26 ±0.14	0.59 ±0.50	1.33 ±1.10
	Eos#	×10 <sup>9</sup> /L	0.21 ±0.15	0.66 ±0.50	1.94 ±1.30
	Bas#	×10 <sup>9</sup> /L	2.22 ±0.30	6.09 ±0.70	15.98 ±1.50
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.43</b> ±0.18	<b>4.66</b> ±0.24	<b>5.44</b> ±0.50
	<b>HGB</b>	g/L	<b>60</b> ±4	<b>134</b> ±6	<b>169</b> ±8
	HCT	%	18.7 ±2.0	40.9 ±3.0	51.6 ±4.0
	<b>MCV</b>	fL	<b>76.9</b> ±5.0	<b>87.7</b> ±5.0	<b>94.9</b> ±6.0
	MCH	pg	25.1 ±2.5	29.2 ±2.5	31.5 ±2.5
	MCHC	g/L	328 ±30	333 ±30	334 ±30
	RDW-CV	%	18.8 ±3.0	16.5 ±3.0	15.3 ±3.0
	RDW-SD	fL	53.1 ±10.0	52.9 ±10.0	52.9 ±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>58</b> ±20	<b>265</b> ±40	<b>512</b> ±60
	MPV	fL	8.6 ±3.0	8.9 ±3.0	9.3 ±3.0
PDW	fL	10.3 ±3.0	10.0 ±3.0	10.9 ±3.0	
PCT	%	0.050 ±0.050	0.236 ±0.100	0.476 ±0.200	
P-LCR	%	18.7 ±8.0	20.0 ±8.0	21.9 ±8.0	
P-LCC	×10 <sup>9</sup> /L	11 ±11	53 ±25	108 ±35	

**【NOTE】**

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



BC1123L



BC1123N



BC1123H

# DM-5D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**

2023-10-13

2024-01-10

Applicable Instruments	Parameter	Unit	LOT BC1123L	LOT BC1123N	LOT BC1123H
<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>7.93</b> ±1.00	<b>18.62</b> ±2.50
	Neu%	%	46.8 ±9.0	55.7 ±8.0	64.2 ±7.0
	Lym%	%	40.7 ±9.0	24.8 ±8.0	17.1 ±6.0
	Mon%	%	5.2 ±4.0	9.7 ±5.0	6.4 ±6.0
	Eos%	%	7.3 ±4.9	9.8 ±6.0	12.3 ±7.0
	Bas%	%	1.5 ±8.0	0.9 ±8.0	0.9 ±8.0
	Neu#	×10 <sup>9</sup> /L	1.64 ±0.40	4.41 ±0.70	11.95 ±1.40
	Lym#	×10 <sup>9</sup> /L	1.42 ±0.40	1.97 ±0.70	3.18 ±1.10
	Mon#	×10 <sup>9</sup> /L	0.18 ±0.14	0.77 ±0.50	1.19 ±1.10
	Eos#	×10 <sup>9</sup> /L	0.26 ±0.15	0.78 ±0.50	2.29 ±1.30
	Bas#	×10 <sup>9</sup> /L	0.05 ±0.30	0.07 ±0.70	0.17 ±1.50
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.47</b> ±0.18	<b>4.70</b> ±0.24	<b>5.44</b> ±0.50
	<b>HGB</b>	g/L	<b>57</b> ±4	<b>132</b> ±6	<b>171</b> ±8
	HCT	%	19.2 ±2.0	41.6 ±3.0	52.6 ±4.0
	<b>MCV</b>	fL	<b>77.7</b> ±5.0	<b>88.4</b> ±5.0	<b>96.7</b> ±6.0
	MCH	pg	23.5 ±2.5	28.3 ±2.5	31.7 ±2.5
	MCHC	g/L	297 ±30	313 ±30	322 ±30
	RDW-CV	%	14.6 ±3.0	13.2 ±3.0	12.5 ±3.0
	RDW-SD	fL	49.3 ±10.0	50.3 ±10.0	51.1 ±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>70</b> ±20	<b>269</b> ±40	<b>475</b> ±60
MPV	fL	8.4 ±3.0	8.5 ±3.0	9.1 ±3.0	
PDW	fL	9.9 ±3.0	11.4 ±3.0	12.3 ±3.0	
PCT	%	0.059 ±0.047	0.229 ±0.100	0.432 ±0.200	

**【NOTE】**

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



BC1123L



BC1123N





BC1123H

# DM-5D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**
 2023-10-13

 2024-01-10

Applicable Instruments	Parameter	Unit	LOT BC1123L	LOT BC1123N	LOT BC1123H
<b>DYMIND</b>  DF1-CRP DF3-CRP DF5-CRP DF50CRP DF52CRP DF53CRP (Technical File Version A4.0 to A5.7)	<b>WBC</b>	$\times 10^9/L$	<b>3.39</b> $\pm 0.50$	<b>7.85</b> $\pm 1.00$	<b>18.49</b> $\pm 2.50$
	Neu%	%	47.7 $\pm 9.0$	55.7 $\pm 8.0$	65.2 $\pm 7.0$
	Lym%	%	39.1 $\pm 9.0$	28.9 $\pm 8.0$	18.0 $\pm 6.0$
	Mon%	%	5.9 $\pm 4.0$	5.5 $\pm 5.0$	4.4 $\pm 4.4$
	Eos%	%	7.3 $\pm 5.0$	9.9 $\pm 6.0$	12.4 $\pm 7.0$
	Bas%	%	2.9 $\pm 2.9$	1.3 $\pm 1.3$	2.7 $\pm 2.7$
	Neu#	$\times 10^9/L$	1.62 $\pm 0.40$	4.37 $\pm 0.70$	12.06 $\pm 1.40$
	Lym#	$\times 10^9/L$	1.33 $\pm 0.40$	2.27 $\pm 0.70$	3.33 $\pm 1.10$
	Mon#	$\times 10^9/L$	0.20 $\pm 0.14$	0.43 $\pm 0.43$	0.81 $\pm 0.81$
	Eos#	$\times 10^9/L$	0.25 $\pm 0.15$	0.78 $\pm 0.50$	2.29 $\pm 1.30$
	Bas#	$\times 10^9/L$	0.10 $\pm 0.10$	0.10 $\pm 0.10$	0.50 $\pm 0.50$
	<b>RBC</b>	$\times 10^{12}/L$	<b>2.32</b> $\pm 0.18$	<b>4.43</b> $\pm 0.24$	<b>5.21</b> $\pm 0.50$
	<b>HGB</b>	g/L	<b>58</b> $\pm 4$	<b>131</b> $\pm 6$	<b>169</b> $\pm 8$
	HCT	%	18.2 $\pm 2.0$	39.9 $\pm 3.0$	51.0 $\pm 4.0$
	<b>MCV</b>	fL	<b>78.5</b> $\pm 5.0$	<b>90.0</b> $\pm 5.0$	<b>97.9</b> $\pm 6.0$
	MCH	pg	25.0 $\pm 2.5$	29.6 $\pm 2.5$	32.5 $\pm 2.5$
	MCHC	g/L	323 $\pm 30$	334 $\pm 30$	338 $\pm 30$
	RDW-CV	%	16.1 $\pm 3.0$	14.6 $\pm 3.0$	13.7 $\pm 3.0$
	RDW-SD	fL	52.3 $\pm 10.0$	53.8 $\pm 10.0$	54.4 $\pm 12.0$
	<b>PLT</b>	$\times 10^9/L$	<b>63</b> $\pm 20$	<b>261</b> $\pm 40$	<b>475</b> $\pm 60$
	MPV	fL	8.5 $\pm 3.0$	8.4 $\pm 3.0$	9.0 $\pm 3.0$
PDW	fL	9.5 $\pm 3.0$	11.0 $\pm 3.0$	12.0 $\pm 3.0$	
PCT	%	0.054 $\pm 0.050$	0.219 $\pm 0.100$	0.427 $\pm 0.200$	
P-LCR	%	22.2 $\pm 8.0$	25.0 $\pm 8.0$	29.3 $\pm 8.0$	
P-LCC	$\times 10^9/L$	14 $\pm 14$	64 $\pm 25$	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**

 2023-10-13

 2024-01-10

Applicable Instruments	Parameter	Unit	LOT BC1123L	LOT BC1123N	LOT BC1123H
<b>DYMIND</b>  DF1-CRP DF3-CRP DF5-CRP DF50CRP DF52CRP DF53CRP (Technical File Version A6.0 )	<b>WBC</b>	$\times 10^9/L$	<b>3.52</b> $\pm 0.50$	<b>8.21</b> $\pm 1.00$	<b>19.13</b> $\pm 2.50$
	Neu%	%	46.2 $\pm 9.0$	55.4 $\pm 8.0$	63.0 $\pm 7.0$
	Lym%	%	40.0 $\pm 9.0$	27.1 $\pm 8.0$	17.8 $\pm 6.0$
	Mon%	%	6.9 $\pm 4.0$	7.9 $\pm 5.0$	7.1 $\pm 6.0$
	Eos%	%	6.9 $\pm 5.0$	9.6 $\pm 6.0$	12.1 $\pm 7.0$
	Bas%	%	1.7 $\pm 1.7$	1.0 $\pm 1.0$	0.9 $\pm 0.9$
	Neu#	$\times 10^9/L$	1.62 $\pm 0.40$	4.55 $\pm 0.70$	12.05 $\pm 1.40$
	Lym#	$\times 10^9/L$	1.41 $\pm 0.40$	2.23 $\pm 0.70$	3.41 $\pm 1.10$
	Mon#	$\times 10^9/L$	0.24 $\pm 0.14$	0.65 $\pm 0.50$	1.36 $\pm 1.10$
	Eos#	$\times 10^9/L$	0.24 $\pm 0.15$	0.79 $\pm 0.50$	2.31 $\pm 1.30$
	Bas#	$\times 10^9/L$	0.06 $\pm 0.06$	0.08 $\pm 0.08$	0.17 $\pm 0.17$
	<b>RBC</b>	$\times 10^{12}/L$	<b>2.36</b> $\pm 0.18$	<b>4.49</b> $\pm 0.24$	<b>5.20</b> $\pm 0.50$
	<b>HGB</b>	g/L	<b>59</b> $\pm 4$	<b>132</b> $\pm 6$	<b>170</b> $\pm 8$
	HCT	%	18.1 $\pm 2.0$	38.7 $\pm 3.0$	48.6 $\pm 4.0$
	MCV	fL	<b>76.7</b> $\pm 5.0$	<b>86.4</b> $\pm 5.0$	<b>93.4</b> $\pm 6.0$
	MCH	pg	24.8 $\pm 2.5$	29.5 $\pm 2.5$	32.6 $\pm 2.5$
	MCHC	g/L	323 $\pm 30$	340 $\pm 30$	350 $\pm 30$
	RDW-CV	%	16.1 $\pm 3.0$	14.6 $\pm 3.0$	13.8 $\pm 3.0$
	RDW-SD	fL	52.7 $\pm 10.0$	54.4 $\pm 10.0$	55.2 $\pm 12.0$
	<b>PLT</b>	$\times 10^9/L$	<b>64</b> $\pm 20$	<b>266</b> $\pm 40$	<b>481</b> $\pm 60$
	MPV	fL	8.7 $\pm 3.0$	8.3 $\pm 3.0$	8.9 $\pm 3.0$
PDW	fL	9.3 $\pm 3.0$	10.9 $\pm 3.0$	11.7 $\pm 3.0$	
PCT	%	0.056 $\pm 0.050$	0.220 $\pm 0.100$	0.428 $\pm 0.200$	
P-LCR	%	23.3 $\pm 8.0$	25.0 $\pm 8.0$	28.7 $\pm 8.0$	
P-LCC	$\times 10^9/L$	15 $\pm 15$	66 $\pm 25$	133 $\pm 35$	

**【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.



BC1123L



BC1123N





BC1123H

# DM-5D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**
 2023-10-13

 2024-01-10

Applicable Instruments	Parameter	Unit	LOT BC1123L	LOT BC1123N	LOT BC1123H
<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>3.49</b> $\pm 0.50$	<b>8.18</b> $\pm 1.00$	<b>19.23</b> $\pm 2.50$
	Neu%	%	45.9 $\pm 9.0$	55.1 $\pm 8.0$	62.7 $\pm 7.0$
	Lym%	%	40.8 $\pm 9.0$	28.5 $\pm 8.0$	18.3 $\pm 6.0$
	Mon%	%	6.4 $\pm 4.0$	7.0 $\pm 5.0$	6.8 $\pm 6.0$
	Eos%	%	6.9 $\pm 5.0$	9.4 $\pm 6.0$	12.2 $\pm 7.0$
	Bas%	%	1.8 $\pm 1.8$	0.9 $\pm 0.9$	1.0 $\pm 1.0$
	Neu#	$\times 10^9/L$	1.60 $\pm 0.40$	4.51 $\pm 0.70$	12.06 $\pm 1.40$
	Lym#	$\times 10^9/L$	1.42 $\pm 0.40$	2.33 $\pm 0.70$	3.52 $\pm 1.10$
	Mon#	$\times 10^9/L$	0.22 $\pm 0.14$	0.57 $\pm 0.50$	1.31 $\pm 1.10$
	Eos#	$\times 10^9/L$	0.24 $\pm 0.15$	0.77 $\pm 0.50$	2.35 $\pm 1.30$
	Bas#	$\times 10^9/L$	0.06 $\pm 0.06$	0.07 $\pm 0.07$	0.19 $\pm 0.19$
	<b>RBC</b>	$\times 10^{12}/L$	<b>2.37</b> $\pm 0.18$	<b>4.50</b> $\pm 0.24$	<b>5.24</b> $\pm 0.50$
	<b>HGB</b>	g/L	<b>58</b> $\pm 4$	<b>132</b> $\pm 6$	<b>169</b> $\pm 8$
	HCT	%	18.3 $\pm 2.0$	39.4 $\pm 3.0$	49.2 $\pm 4.0$
	<b>MCV</b>	fL	<b>77.3</b> $\pm 5.0$	<b>87.5</b> $\pm 5.0$	<b>93.9</b> $\pm 6.0$
	MCH	pg	24.8 $\pm 2.5$	29.7 $\pm 2.5$	32.5 $\pm 2.5$
	MCHC	g/L	323 $\pm 30$	341 $\pm 30$	349 $\pm 30$
	RDW-CV	%	15.9 $\pm 3.0$	14.3 $\pm 3.0$	13.5 $\pm 3.0$
	RDW-SD	fL	51.9 $\pm 10.0$	53.0 $\pm 10.0$	53.8 $\pm 12.0$
	<b>PLT</b>	$\times 10^9/L$	<b>55</b> $\pm 20$	<b>266</b> $\pm 40$	<b>516</b> $\pm 60$
	MPV	fL	8.6 $\pm 3.0$	8.3 $\pm 3.0$	8.9 $\pm 3.0$
	PDW	fL	9.2 $\pm 3.0$	10.6 $\pm 3.0$	11.3 $\pm 3.0$
	PCT	%	0.047 $\pm 0.047$	0.221 $\pm 0.100$	0.459 $\pm 0.200$
P-LCR	%	23.5 $\pm 8.0$	24.7 $\pm 8.0$	28.2 $\pm 8.0$	
P-LCC	$\times 10^9/L$	13 $\pm 13$	65 $\pm 25$	137 $\pm 35$	

**【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.



BC1123L



BC1123N




BC1123H


# DM-5D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**

 2023-10-13

 2024-01-10

Applicable Instruments	Parameter	Unit	LOT BC1123L	LOT BC1123N	LOT BC1123H
<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>17.70</b> ±2.50
	Neu%	%	46.3 ±9.0	55.1 ±8.0	62.8 ±7.0
	Lym%	%	41.0 ±9.0	29.2 ±8.0	19.2 ±6.0
	Mon%	%	7.0 ±4.0	7.2 ±5.0	6.9 ±6.0
	Eos%	%	5.7 ±5.0	8.5 ±6.0	11.1 ±7.0
	Bas%	%	57.9 ±8.0	70.4 ±8.0	81.4 ±8.0
	Neu#	×10 <sup>9</sup> /L	1.60 ±0.40	4.30 ±0.70	11.12 ±1.40
	Lym#	×10 <sup>9</sup> /L	1.41 ±0.40	2.28 ±0.70	3.40 ±1.10
	Mon#	×10 <sup>9</sup> /L	0.24 ±0.14	0.56 ±0.50	1.22 ±1.10
	Eos#	×10 <sup>9</sup> /L	0.20 ±0.15	0.66 ±0.50	1.96 ±1.30
	Bas#	×10 <sup>9</sup> /L	2.00 ±0.30	5.50 ±0.70	14.41 ±1.50
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.41</b> ±0.18	<b>4.67</b> ±0.24	<b>5.46</b> ±0.50
	<b>HGB</b>	g/L	<b>60</b> ±4	<b>134</b> ±6	<b>169</b> ±8
	HCT	%	18.1 ±2.0	40.7 ±3.0	51.7 ±4.0
	<b>MCV</b>	fL	<b>75.2</b> ±5.0	<b>87.3</b> ±5.0	<b>94.6</b> ±6.0
	MCH	pg	25.1 ±2.5	29.0 ±2.5	31.2 ±2.5
	MCHC	g/L	336 ±30	334 ±30	332 ±30
	RDW-CV	%	18.7 ±3.0	16.4 ±3.0	15.3 ±3.0
	RDW-SD	fL	51.3 ±10.0	51.5 ±10.0	51.5 ±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>58</b> ±20	<b>272</b> ±40	<b>525</b> ±60
MPV	fL	9.0 ±3.0	9.3 ±3.0	9.6 ±3.0	
PDW	fL	11.0 ±3.0	10.7 ±3.0	11.4 ±3.0	
PCT	%	0.052 ±0.050	0.253 ±0.100	0.504 ±0.200	
P-LCR	%	21.1 ±8.0	22.2 ±8.0	23.8 ±8.0	
P-LCC	×10 <sup>9</sup> /L	12 ±12	60 ±25	120 ±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.



BC1123L



BC1123N





BC1123H

# DM-5D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**
 2023-10-13

 2024-01-10

Applicable Instruments	Parameter	Unit	LOT BC1123L	LOT BC1123N	LOT BC1123H
<b>DYMIND</b>  UN71 Vet UN73 Vet (Technical File Version A1.0 or higher)	<b>WBC</b>	$\times 10^9/L$	<b>3.46</b> $\pm 0.50$	<b>7.93</b> $\pm 1.00$	<b>18.32</b> $\pm 2.50$
	Neu%	%	46.5 $\pm 9.0$	56.1 $\pm 8.0$	64.7 $\pm 7.0$
	Lym%	%	42.1 $\pm 9.0$	30.0 $\pm 8.0$	19.7 $\pm 6.0$
	Mon%	%	6.5 $\pm 4.0$	6.9 $\pm 5.0$	6.8 $\pm 6.0$
	Eos%	%	4.3 $\pm 4.3$	6.2 $\pm 6.0$	7.9 $\pm 7.0$
	Bas%	%	0.6 $\pm 0.6$	0.8 $\pm 0.8$	0.9 $\pm 0.9$
	Neu#	$\times 10^9/L$	1.61 $\pm 0.40$	4.45 $\pm 0.70$	11.85 $\pm 1.40$
	Lym#	$\times 10^9/L$	1.46 $\pm 0.40$	2.38 $\pm 0.70$	3.61 $\pm 1.10$
	Mon#	$\times 10^9/L$	0.22 $\pm 0.14$	0.55 $\pm 0.50$	1.25 $\pm 1.10$
	Eos#	$\times 10^9/L$	0.15 $\pm 0.15$	0.49 $\pm 0.49$	1.45 $\pm 1.30$
	Bas#	$\times 10^9/L$	0.02 $\pm 0.02$	0.06 $\pm 0.06$	0.16 $\pm 0.16$
	<b>RBC</b>	$\times 10^{12}/L$	<b>2.42</b> $\pm 0.18$	<b>4.62</b> $\pm 0.24$	<b>5.38</b> $\pm 0.50$
	<b>HGB</b>	g/L	<b>60</b> $\pm 4$	<b>133</b> $\pm 6$	<b>169</b> $\pm 8$
	HCT	%	18.4 $\pm 2.0$	40.6 $\pm 3.0$	51.3 $\pm 4.0$
	<b>MCV</b>	fL	<b>76.1</b> $\pm 5.0$	<b>88.0</b> $\pm 5.0$	<b>95.4</b> $\pm 6.0$
	MCH	pg	24.9 $\pm 2.5$	28.8 $\pm 2.5$	31.3 $\pm 2.5$
	MCHC	g/L	331 $\pm 30$	331 $\pm 30$	332 $\pm 30$
	RDW-CV	%	18.9 $\pm 3.0$	16.6 $\pm 3.0$	15.5 $\pm 3.0$
	RDW-SD	fL	45.7 $\pm 10.0$	45.7 $\pm 10.0$	45.9 $\pm 12.0$
	<b>PLT</b>	$\times 10^9/L$	<b>53</b> $\pm 20$	<b>248</b> $\pm 40$	<b>466</b> $\pm 60$
	MPV	fL	8.9 $\pm 3.0$	8.4 $\pm 3.0$	8.8 $\pm 3.0$
PDW	fL	8.3 $\pm 3.0$	9.1 $\pm 3.0$	9.8 $\pm 3.0$	
PCT	%	0.047 $\pm 0.047$	0.208 $\pm 0.100$	0.410 $\pm 0.200$	
P-LCR	%	17.0 $\pm 8.0$	17.0 $\pm 8.0$	19.3 $\pm 8.0$	
P-LCC	$\times 10^9/L$	11 $\pm 11$	43 $\pm 25$	87 $\pm 35$	

**【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.



BC1123L



BC1123N



BC1123H

# DM-5D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**

2023-10-13

2024-01-10

Applicable Instrument	Parameter	Unit	LOT BC1123L	LOT BC1123N	LOT BC1123H
DYMIND DM60 Vet DM61 Vet DM62 Vet DM63 Vet (Technical File Version A1.1 or higher)	WBC	×10 <sup>9</sup> /L	<b>3.26</b> ±0.50	<b>7.42</b> ±1.00	<b>17.59</b> ±2.50
	Neu%	%	44.8 ±9.0	55.5 ±8.0	61.9 ±7.0
	Lym%	%	39.9 ±9.0	27.2 ±8.0	18.0 ±6.0
	Mon%	%	6.5 ±4.0	6.7 ±5.0	6.8 ±6.0
	Eos%	%	7.2 ±5.0	9.8 ±6.0	12.3 ±7.0
	Bas%	%	1.6 ±1.6	0.8 ±0.8	1.0 ±1.0
	Neu#	×10 <sup>9</sup> /L	1.46 ±0.40	4.12 ±0.70	10.89 ±1.40
	Lym#	×10 <sup>9</sup> /L	1.30 ±0.40	2.02 ±0.70	3.17 ±1.10
	Mon#	×10 <sup>9</sup> /L	0.21 ±0.14	0.50 ±0.50	1.20 ±1.10
	Eos#	×10 <sup>9</sup> /L	0.23 ±0.15	0.73 ±0.50	2.16 ±1.30
	Bas#	×10 <sup>9</sup> /L	0.05 ±0.05	0.06 ±0.06	0.18 ±0.18
	RBC	×10 <sup>12</sup> /L	<b>2.42</b> ±0.18	<b>4.62</b> ±0.24	<b>5.39</b> ±0.50
	HGB	g/L	<b>58</b> ±4	<b>133</b> ±6	<b>173</b> ±8
	HCT	%	18.2 ±2.0	39.5 ±3.0	49.6 ±4.0
	MCV	fL	<b>75.1</b> ±5.0	<b>85.5</b> ±5.0	<b>92.2</b> ±6.0
	MCH	pg	23.8 ±2.5	28.9 ±2.5	32.1 ±2.5
	MCHC	g/L	317 ±30	338 ±30	350 ±30
	RDW-CV	%	14.6 ±3.0	13.3 ±3.0	12.5 ±3.0
	RDW-SD	fL	49.7 ±10.0	51.3 ±10.0	51.9 ±12.0
	PLT	×10 <sup>9</sup> /L	<b>69</b> ±20	<b>270</b> ±40	<b>495</b> ±60
MPV	fL	8.4 ±3.0	8.2 ±3.0	8.7 ±3.0	
PDW	fL	9.4 ±3.0	10.8 ±3.0	11.7 ±3.0	
PCT	%	0.058 ±0.050	0.221 ±0.100	0.430 ±0.200	

**【NOTE】**

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



BC1123L



BC1123N



BC1123H