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由试剂研发						

# DM-5D

## HEMATOLOGY CONTROL

### Reference Values provided by DYMIND

**CONTROL**
 2023-06-13

 2023-09-10

Applicable Instruments	Parameter	Unit	LOT BC0723L	LOT BC0723N	LOT BC0723H
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>3.33</b> ±0.50	<b>8.15</b> ±1.00	<b>18.86</b> ±2.50
	Neu%	%	52.5 ±9.0	58.4 ±8.0	65.7 ±7.0
	Lym%	%	39.2 ±9.0	31.6 ±8.0	21.7 ±6.0
	Mon%	%	4.3 ±4.0	5.1 ±5.0	6.1 ±6.0
	Eos%	%	4.0 ±4.0	4.9 ±4.9	6.5 ±6.5
	Bas%	%	58.4 ±8.0	68.0 ±8.0	79.1 ±8.0
	Neu#	×10 <sup>9</sup> /L	1.75 ±0.40	4.76 ±0.70	12.39 ±1.40
	Lym#	×10 <sup>9</sup> /L	1.30 ±0.40	2.58 ±0.70	4.09 ±1.10
	Mon#	×10 <sup>9</sup> /L	0.14 ±0.14	0.42 ±0.42	1.15 ±1.10
	Eos#	×10 <sup>9</sup> /L	0.13 ±0.13	0.40 ±0.40	1.23 ±1.23
	Bas#	×10 <sup>9</sup> /L	1.94 ±0.30	5.54 ±0.70	14.92 ±1.50
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.27</b> ±0.18	<b>4.54</b> ±0.24	<b>5.20</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	41.2 ±3.0	52.1 ±4.0
	<b>MCV</b>	fL	<b>79.6</b> ±5.0	<b>90.8</b> ±5.0	<b>100.3</b> ±6.0
	MCH	pg	24.6 ±2.5	28.5 ±2.5	31.8 ±2.5
	MCHC	g/L	318 ±30	323 ±30	325 ±30
	RDW-CV	%	19.9 ±3.0	16.9 ±3.0	15.4 ±3.0
	RDW-SD	fL	54.9 ±10.0	52.8 ±10.0	52.8 ±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>52</b> ±20	<b>263</b> ±40	<b>512</b> ±60
	MPV	fL	9.8 ±3.0	9.8 ±3.0	10.1 ±3.0
	PDW	fL	11.2 ±3.0	11.9 ±3.0	12.5 ±3.0
	PCT	%	0.051 ±0.050	0.258 ±0.100	0.517 ±0.200
P-LCR	%	22.5 ±8.0	25.9 ±8.0	27.2 ±8.0	
P-LCC	×10 <sup>9</sup> /L	14 ±14	69 ±25	134 ±35	
PDW	/	10.0 ±3.0	10.2 ±3.0	10.2 ±3.0	


**【NOTE】**


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

# DM-5D

## HEMATOLOGY CONTROL

### Reference Values provided by DYMIND

**CONTROL**
 2023-06-13

 2023-09-10

Applicable Instruments	Parameter	Unit	LOT BC0723L	LOT BC0723N	LOT BC0723H
<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>3.63</b> ±0.50	<b>9.04</b> ±1.00	<b>21.26</b> ±2.50
	Neu%	%	49.5 ±9.0	56.4 ±8.0	63.8 ±7.0
	Lym%	%	40.0 ±9.0	32.0 ±8.0	22.1 ±6.0
	Mon%	%	5.5 ±4.0	5.7 ±5.0	6.1 ±6.0
	Eos%	%	5.0 ±5.0	5.9 ±5.9	8.0 ±7.0
	Bas%	%	59.6 ±8.0	68.8 ±8.0	79.5 ±8.0
	Neu#	×10 <sup>9</sup> /L	1.80 ±0.40	5.10 ±0.70	13.56 ±1.40
	Lym#	×10 <sup>9</sup> /L	1.45 ±0.40	2.89 ±0.70	4.70 ±1.10
	Mon#	×10 <sup>9</sup> /L	0.20 ±0.14	0.52 ±0.50	1.30 ±1.10
	Eos#	×10 <sup>9</sup> /L	0.18 ±0.15	0.53 ±0.50	1.70 ±1.30
	Bas#	×10 <sup>9</sup> /L	2.17 ±0.30	6.22 ±0.70	16.90 ±1.50
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.31</b> ±0.18	<b>4.61</b> ±0.24	<b>5.28</b> ±0.50
	<b>HGB</b>	g/L	<b>56</b> ±4	<b>131</b> ±6	<b>167</b> ±8
	HCT	%	17.6 ±2.0	39.6 ±3.0	50.1 ±4.0
	<b>MCV</b>	fL	<b>76.2</b> ±5.0	<b>85.9</b> ±5.0	<b>94.9</b> ±6.0
	MCH	pg	24.1 ±2.5	28.3 ±2.5	31.5 ±2.5
	MCHC	g/L	322 ±30	335 ±30	337 ±30
	RDW-CV	%	19.6 ±3.0	16.4 ±3.0	14.9 ±3.0
	RDW-SD	fL	53.8 ±10.0	51.0 ±10.0	50.7 ±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>53</b> ±20	<b>263</b> ±40	<b>521</b> ±60
	MPV	fL	9.9 ±3.0	9.7 ±3.0	9.9 ±3.0
	PDW	fL	10.9 ±3.0	11.6 ±3.0	12.1 ±3.0
	PCT	%	0.052 ±0.050	0.255 ±0.100	0.515 ±0.200
P-LCR	%	23.7 ±8.0	24.7 ±8.0	25.8 ±8.0	
P-LCC	×10 <sup>9</sup> /L	14 ±14	64 ±25	129 ±35	

**【NOTE】**


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


# DM-5D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**

 2023-06-13

 2023-09-10

Applicable Instruments	Parameter	Unit	LOT BC0723L	LOT BC0723N	LOT BC0723H
<b>DYMIND</b>  UN71 UN73 UN76 DH73 (Technical File Version A2.0 to A5.3)	<b>WBC</b>	×10 <sup>9</sup> /L	<b>3.62</b> ±0.50	<b>8.61</b> ±1.00	<b>20.06</b> ±2.50
	Neu%	%	50.8 ±9.0	55.0 ±8.0	61.9 ±7.0
	Lym%	%	37.8 ±9.0	30.4 ±8.0	21.4 ±6.0
	Mon%	%	5.0 ±4.0	6.3 ±5.0	6.3 ±6.0
	Eos%	%	6.4 ±5.0	8.3 ±6.0	10.4 ±7.0
	Bas%	%	0.2 ±0.2	0.2 ±0.2	0.2 ±0.2
	Neu#	×10 <sup>9</sup> /L	1.84 ±0.40	4.74 ±0.70	12.41 ±1.40
	Lym#	×10 <sup>9</sup> /L	1.37 ±0.40	2.62 ±0.70	4.29 ±1.10
	Mon#	×10 <sup>9</sup> /L	0.18 ±0.14	0.54 ±0.50	1.26 ±1.10
	Eos#	×10 <sup>9</sup> /L	0.23 ±0.15	0.71 ±0.50	2.09 ±1.30
	Bas#	×10 <sup>9</sup> /L	0.01 ±0.01	0.02 ±0.02	0.04 ±0.04
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.34</b> ±0.18	<b>4.65</b> ±0.24	<b>5.29</b> ±0.50
	<b>HGB</b>	g/L	<b>58</b> ±4	<b>135</b> ±6	<b>174</b> ±8
	HCT	%	18.5 ±2.0	42.1 ±3.0	52.7 ±4.0
	<b>MCV</b>	fL	<b>79.0</b> ±5.0	<b>90.7</b> ±5.0	<b>99.7</b> ±6.0
	MCH	pg	25.0 ±2.5	29.3 ±2.5	33.1 ±2.5
	MCHC	g/L	323 ±30	330 ±30	336 ±30
	RDW-CV	%	19.6 ±3.0	16.6 ±3.0	15.0 ±3.0
	RDW-SD	fL	53.2 ±10.0	50.7 ±10.0	50.7 ±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>60</b> ±20	<b>256</b> ±40	<b>476</b> ±60
	MPV	fL	9.5 ±3.0	10.0 ±3.0	10.1 ±3.0
PDW	fL	10.1 ±3.0	10.3 ±3.0	10.2 ±3.0	
PCT	%	0.057 ±0.050	0.256 ±0.100	0.481 ±0.200	
P-LCR	%	25.7 ±8.0	27.0 ±8.0	27.6 ±8.0	
P-LCC	×10 <sup>9</sup> /L	15 ±15	69 ±25	123 ±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**
 2023-06-13

 2023-09-10

Applicable Instruments	Parameter	Unit	LOT BC0723L	LOT BC0723N	LOT BC0723H
<b>DYMIND</b>  UN71 UN73 UN76 DH73  Technical File Version A5.5 to A6.2)	<b>WBC</b>	×10 <sup>9</sup> /L	<b>3.49</b> ±0.50	<b>8.31</b> ±1.00	<b>18.82</b> ±2.50
	Neu%	%	50.7 ±9.0	56.7 ±8.0	64.8 ±7.0
	Lym%	%	40.6 ±9.0	32.6 ±8.0	22.9 ±6.0
	Mon%	%	5.0 ±4.0	5.5 ±5.0	6.0 ±6.0
	Eos%	%	3.2 ±3.2	4.6 ±4.6	5.6 ±5.6
	Bas%	%	0.5 ±0.5	0.6 ±0.6	0.7 ±0.7
	Neu#	×10 <sup>9</sup> /L	1.77 ±0.40	4.71 ±0.70	12.20 ±1.40
	Lym#	×10 <sup>9</sup> /L	1.42 ±0.40	2.71 ±0.70	4.31 ±1.10
	Mon#	×10 <sup>9</sup> /L	0.17 ±0.14	0.46 ±0.46	1.13 ±1.10
	Eos#	×10 <sup>9</sup> /L	0.11 ±0.11	0.38 ±0.38	1.05 ±1.05
	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>2.29</b> ±0.18	<b>4.54</b> ±0.24	<b>5.13</b> ±0.50
	<b>HGB</b>	g/L	<b>58</b> ±4	<b>132</b> ±6	<b>167</b> ±8
	HCT	%	17.7 ±2.0	39.7 ±3.0	49.6 ±4.0
	<b>MCV</b>	fL	<b>77.3</b> ±5.0	<b>87.5</b> ±5.0	<b>96.8</b> ±6.0
	MCH	pg	25.1 ±2.5	28.9 ±2.5	32.4 ±2.5
	MCHC	g/L	333 ±30	337 ±30	342 ±30
	RDW-CV	%	20.2 ±3.0	17.3 ±3.0	15.9 ±3.0
	RDW-SD	fL	57.2 ±10.0	55.3 ±10.0	55.8 ±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>59</b> ±20	<b>260</b> ±40	<b>486</b> ±60
MPV	fL	9.0 ±3.0	9.7 ±3.0	10.0 ±3.0	
PDW	fL	12.4 ±3.0	11.8 ±3.0	12.3 ±3.0	
PCT	%	0.053 ±0.050	0.252 ±0.100	0.486 ±0.200	
P-LCR	%	22.3 ±8.0	25.4 ±8.0	26.7 ±8.0	
P-LCC	×10 <sup>9</sup> /L	15 ±15	66 ±25	126 ±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.



BC0723L



BC0723N




BC0723H


# DM-5D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**

 2023-06-13

 2023-09-10

Applicable Instruments	Parameter	Unit	LOT BC0723L	LOT BC0723N	LOT BC0723H
<b>DYMIND</b>  UN71 UN73 UN76 DH73 (Technical File Version A6.3 or higher)	<b>WBC</b>	×10 <sup>9</sup> /L	<b>3.50</b> ±0.50	<b>8.39</b> ±1.00	<b>19.58</b> ±2.50
	Neu%	%	49.0 ±9.0	55.7 ±8.0	64.2 ±7.0
	Lym%	%	41.7 ±9.0	33.6 ±8.0	23.2 ±6.0
	Mon%	%	4.9 ±4.0	5.3 ±5.0	5.9 ±5.9
	Eos%	%	3.9 ±3.9	4.8 ±4.8	6.0 ±6.0
	Bas%	%	0.5 ±0.5	0.6 ±0.6	0.7 ±0.7
	Neu#	×10 <sup>9</sup> /L	1.71 ±0.40	4.67 ±0.70	12.57 ±1.40
	Lym#	×10 <sup>9</sup> /L	1.46 ±0.40	2.82 ±0.70	4.54 ±1.10
	Mon#	×10 <sup>9</sup> /L	0.17 ±0.14	0.44 ±0.44	1.16 ±1.10
	Eos#	×10 <sup>9</sup> /L	0.14 ±0.14	0.40 ±0.40	1.17 ±1.17
	Bas#	×10 <sup>9</sup> /L	0.02 ±0.02	0.05 ±0.05	0.14 ±0.14
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.37</b> ±0.18	<b>4.68</b> ±0.24	<b>5.34</b> ±0.50
	<b>HGB</b>	g/L	<b>58</b> ±4	<b>133</b> ±6	<b>171</b> ±8
	HCT	%	18.1 ±2.0	40.9 ±3.0	51.6 ±4.0
	<b>MCV</b>	fL	<b>76.5</b> ±5.0	<b>87.4</b> ±5.0	<b>96.7</b> ±6.0
	MCH	pg	24.4 ±2.5	28.4 ±2.5	31.8 ±2.5
	MCHC	g/L	327 ±30	332 ±30	336 ±30
	RDW-CV	%	19.6 ±3.0	16.5 ±3.0	14.9 ±3.0
	RDW-SD	fL	55.2 ±10.0	52.4 ±10.0	52.2 ±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>59</b> ±20	<b>258</b> ±40	<b>488</b> ±60
	MPV	fL	9.2 ±3.0	9.7 ±3.0	9.9 ±3.0
PDW	fL	12.5 ±3.0	11.7 ±3.0	12.2 ±3.0	
PCT	%	0.054 ±0.050	0.250 ±0.100	0.483 ±0.200	
P-LCR	%	23.3 ±8.0	25.1 ±8.0	25.9 ±8.0	
P-LCC	×10 <sup>9</sup> /L	15 ±15	65 ±25	122 ±35	

**【NOTE】**

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



BC0723L



BC0723N





BC0723H

# DM-5D

## HEMATOLOGY CONTROL

### Reference Values provided by DYMIND

**CONTROL**
 2023-06-13

 2023-09-10

Applicable Instrument	Parameter	Unit	LOT BC0723L	LOT BC0723N	LOT BC0723H
DYMIND  DH73 Vet (Technical File Version B5.5 or higher)	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.37</b> ±0.18	<b>4.70</b> ±0.24	<b>5.37</b> ±0.50
	<b>HGB</b>	g/L	<b>58</b> ±4	<b>134</b> ±6	<b>171</b> ±8
	<b>HCT</b>	%	19.0 ±2.0	43.4 ±3.0	54.7 ±4.0
	<b>MCV</b>	fL	<b>80.5</b> ±5.0	<b>92.3</b> ±5.0	<b>101.9</b> ±6.0
	<b>MCH</b>	pg	23.8 ±2.5	27.7 ±2.5	31.1 ±2.5
	<b>MCHC</b>	g/L	306 ±30	311 ±30	314 ±30
	<b>RDW-CV</b>	%	19.4 ±3.0	16.3 ±3.0	14.8 ±3.0
	<b>RDW-SD</b>	fL	53.5 ±10.0	50.8 ±10.0	50.7 ±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>59</b> ±20	<b>256</b> ±40	<b>483</b> ±60
	<b>MPV</b>	fL	9.5 ±3.0	9.8 ±3.0	9.9 ±3.0
	<b>PDW</b>	fL	12.9 ±3.0	11.8 ±3.0	12.3 ±3.0
	<b>PCT</b>	%	0.056 ±0.050	0.251 ±0.100	0.478 ±0.200
	<b>P-LCR</b>	%	25.3 ±8.0	25.8 ±8.0	26.5 ±8.0
<b>P-LCC</b>	×10 <sup>9</sup> /L	15 ±15	65 ±25	122 ±35	


**【NOTE】**


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

# DM-5D

## HEMATOLOGY CONTROL

### Reference Values provided by DYMIND

**CONTROL**
 2023-06-13

 2023-09-10

Applicable Instruments	Parameter	Unit	LOT BC0723L	LOT BC0723N	LOT BC0723H
<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>	$\times 10^9/L$	<b>3.69</b> $\pm 0.50$	<b>8.78</b> $\pm 1.00$	<b>19.76</b> $\pm 2.50$
	Neu%	%	50.7 $\pm 9.0$	55.8 $\pm 8.0$	62.6 $\pm 7.0$
	Lym%	%	38.6 $\pm 9.0$	30.6 $\pm 8.0$	20.7 $\pm 6.0$
	Mon%	%	3.7 $\pm 3.7$	4.5 $\pm 4.5$	5.1 $\pm 5.1$
	Eos%	%	7.0 $\pm 5.0$	9.1 $\pm 6.0$	11.6 $\pm 7.0$
	Bas%	%	7.3 $\pm 7.3$	4.4 $\pm 4.4$	1.8 $\pm 1.8$
	Neu#	$\times 10^9/L$	1.87 $\pm 0.40$	4.90 $\pm 0.70$	12.37 $\pm 1.40$
	Lym#	$\times 10^9/L$	1.42 $\pm 0.40$	2.69 $\pm 0.70$	4.09 $\pm 1.10$
	Mon#	$\times 10^9/L$	0.14 $\pm 0.14$	0.40 $\pm 0.40$	1.01 $\pm 1.01$
	Eos#	$\times 10^9/L$	0.26 $\pm 0.15$	0.80 $\pm 0.50$	2.29 $\pm 1.30$
	Bas#	$\times 10^9/L$	0.27 $\pm 0.27$	0.39 $\pm 0.39$	0.36 $\pm 0.36$
	<b>RBC</b>	$\times 10^{12}/L$	<b>2.30</b> $\pm 0.18$	<b>4.63</b> $\pm 0.24$	<b>5.28</b> $\pm 0.50$
	<b>HGB</b>	g/L	<b>57</b> $\pm 4$	<b>132</b> $\pm 6$	<b>171</b> $\pm 8$
	HCT	%	17.6 $\pm 2.0$	40.7 $\pm 3.0$	51.1 $\pm 4.0$
	<b>MCV</b>	fL	<b>76.3</b> $\pm 5.0$	<b>87.8</b> $\pm 5.0$	<b>96.9</b> $\pm 6.0$
	MCH	pg	25.6 $\pm 2.5$	29.4 $\pm 2.5$	33.5 $\pm 2.5$
	MCHC	g/L	332 $\pm 30$	336 $\pm 30$	346 $\pm 30$
	RDW-CV	%	16.5 $\pm 3.0$	14.3 $\pm 3.0$	13.3 $\pm 3.0$
	RDW-SD	fL	50.9 $\pm 10.0$	49.6 $\pm 10.0$	50.6 $\pm 12.0$
	<b>PLT</b>	$\times 10^9/L$	<b>67</b> $\pm 20$	<b>266</b> $\pm 40$	<b>479</b> $\pm 60$
MPV	fL	9.4 $\pm 3.0$	9.6 $\pm 3.0$	9.9 $\pm 3.0$	
PDW	/	14.7 $\pm 3.0$	16.2 $\pm 3.0$	16.1 $\pm 3.0$	
PCT	%	0.063 $\pm 0.050$	0.255 $\pm 0.100$	0.474 $\pm 0.200$	
P-LCR	%	31.0 $\pm 8.0$	34.1 $\pm 8.0$	36.4 $\pm 8.0$	
P-LCC	$\times 10^9/L$	20 $\pm 15$	86 $\pm 25$	160 $\pm 35$	

**【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,DF53, DF50 Vet and DF52 Vet Instruments.


# DM-5D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**

 2023-06-13

 2023-09-10

Applicable Instruments	Parameter	Unit	LOT BC0723L	LOT BC0723N	LOT BC0723H
<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>3.68</b> ±0.50	<b>8.78</b> ±1.00	<b>19.69</b> ±2.50
	Neu%	%	50.9 ±9.0	55.5 ±8.0	62.0 ±7.0
	Lym%	%	39.2 ±9.0	31.5 ±8.0	21.3 ±6.0
	Mon%	%	3.2 ±3.2	3.8 ±3.8	5.0 ±5.0
	Eos%	%	6.7 ±5.0	9.2 ±6.0	11.7 ±7.0
	Bas%	%	7.3 ±7.3	4.8 ±4.8	2.5 ±2.5
	Neu#	×10 <sup>9</sup> /L	1.87 ±0.40	4.87 ±0.70	12.21 ±1.40
	Lym#	×10 <sup>9</sup> /L	1.44 ±0.40	2.76 ±0.70	4.19 ±1.10
	Mon#	×10 <sup>9</sup> /L	0.12 ±0.12	0.33 ±0.33	0.98 ±0.98
	Eos#	×10 <sup>9</sup> /L	0.25 ±0.15	0.81 ±0.50	2.30 ±1.30
	Bas#	×10 <sup>9</sup> /L	0.27 ±0.27	0.42 ±0.42	0.49 ±0.49
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.37</b> ±0.18	<b>4.73</b> ±0.24	<b>5.38</b> ±0.50
	<b>HGB</b>	g/L	<b>57</b> ±4	<b>133</b> ±6	<b>172</b> ±8
	HCT	%	18.2 ±2.0	41.5 ±3.0	51.9 ±4.0
	MCV	fL	<b>77.0</b> ±5.0	<b>87.7</b> ±5.0	<b>96.4</b> ±6.0
	MCH	pg	23.8 ±2.5	27.8 ±2.5	31.7 ±2.5
	MCHC	g/L	318 ±30	326 ±30	339 ±30
	RDW-CV	%	16.2 ±3.0	14.0 ±3.0	12.8 ±3.0
	RDW-SD	fL	51.0 ±10.0	49.6 ±10.0	49.8 ±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>65</b> ±20	<b>269</b> ±40	<b>492</b> ±60
	MPV	fL	9.7 ±3.0	9.9 ±3.0	10.2 ±3.0
PDW	fL	12.7 ±3.0	13.9 ±3.0	14.1 ±3.0	
PCT	%	0.063 ±0.050	0.266 ±0.100	0.502 ±0.200	
P-LCR	%	32.6 ±8.0	36.6 ±8.0	38.8 ±8.0	
P-LCC	×10 <sup>9</sup> /L	21 ±15	98 ±25	185 ±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**

 2023-06-13

 2023-09-10

Applicable Instruments	Parameter	Unit	LOT BC0723L	LOT BC0723N	LOT BC0723H
<b>DYMIND</b>  DF50 DF51 DF52 DF53 DF55 DF56 (Technical File Version A12.0 or higher)	<b>WBC</b>	$\times 10^9/L$	<b>3.76</b> $\pm 0.50$	<b>8.85</b> $\pm 1.00$	<b>19.85</b> $\pm 2.50$
	Neu%	%	49.3 $\pm 9.0$	54.3 $\pm 8.0$	61.9 $\pm 7.0$
	Lym%	%	39.6 $\pm 9.0$	32.2 $\pm 8.0$	21.9 $\pm 6.0$
	Mon%	%	4.4 $\pm 4.0$	4.4 $\pm 4.4$	4.6 $\pm 4.6$
	Eos%	%	6.7 $\pm 5.0$	9.1 $\pm 6.0$	11.6 $\pm 7.0$
	Bas%	%	6.4 $\pm 6.4$	4.2 $\pm 4.2$	1.8 $\pm 1.8$
	Neu#	$\times 10^9/L$	1.85 $\pm 0.40$	4.80 $\pm 0.70$	12.29 $\pm 1.40$
	Lym#	$\times 10^9/L$	1.49 $\pm 0.40$	2.85 $\pm 0.70$	4.35 $\pm 1.10$
	Mon#	$\times 10^9/L$	0.17 $\pm 0.14$	0.39 $\pm 0.39$	0.91 $\pm 0.91$
	Eos#	$\times 10^9/L$	0.25 $\pm 0.15$	0.80 $\pm 0.50$	2.30 $\pm 1.30$
	Bas#	$\times 10^9/L$	0.24 $\pm 0.24$	0.37 $\pm 0.37$	0.36 $\pm 0.36$
	<b>RBC</b>	$\times 10^{12}/L$	<b>2.35</b> $\pm 0.18$	<b>4.71</b> $\pm 0.24$	<b>5.34</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	%	18.3 $\pm 2.0$	40.9 $\pm 3.0$	50.7 $\pm 4.0$
	MCV	fL	<b>77.8</b> $\pm 5.0$	<b>86.8</b> $\pm 5.0$	<b>94.9</b> $\pm 6.0$
	MCH	pg	24.1 $\pm 2.5$	27.9 $\pm 2.5$	31.8 $\pm 2.5$
	MCHC	g/L	318 $\pm 30$	330 $\pm 30$	344 $\pm 30$
	RDW-CV	%	16.6 $\pm 3.0$	14.4 $\pm 3.0$	13.3 $\pm 3.0$
	RDW-SD	fL	54.0 $\pm 10.0$	52.5 $\pm 10.0$	53.3 $\pm 12.0$
	<b>PLT</b>	$\times 10^9/L$	<b>63</b> $\pm 20$	<b>258</b> $\pm 40$	<b>472</b> $\pm 60$
	MPV	fL	9.2 $\pm 3.0$	9.3 $\pm 3.0$	9.7 $\pm 3.0$
PDW	fL	11.7 $\pm 3.0$	12.7 $\pm 3.0$	13.5 $\pm 3.0$	
PCT	%	0.058 $\pm 0.050$	0.240 $\pm 0.100$	0.458 $\pm 0.200$	
P-LCR	%	29.3 $\pm 8.0$	32.3 $\pm 8.0$	35.1 $\pm 8.0$	
P-LCC	$\times 10^9/L$	18 $\pm 15$	82 $\pm 25$	159 $\pm 35$	

**【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.



BC0723L



BC0723N




BC0723H


# DM-5D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**

 2023-06-13

 2023-09-10

Applicable Instruments	Parameter	Unit	LOT BC0723L	LOT BC0723N	LOT BC0723H
<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>3.80</b> ±0.50	<b>8.96</b> ±1.00	<b>20.00</b> ±2.50
	Neu%	%	51.2 ±9.0	55.6 ±8.0	62.5 ±7.0
	Lym%	%	38.2 ±9.0	31.3 ±8.0	21.2 ±6.0
	Mon%	%	4.0 ±4.0	4.0 ±4.0	4.8 ±4.8
	Eos%	%	6.6 ±5.0	9.1 ±6.0	11.5 ±7.0
	Bas%	%	7.6 ±7.6	5.1 ±5.1	2.0 ±2.0
	Neu#	×10 <sup>9</sup> /L	1.95 ±0.40	4.98 ±0.70	12.50 ±1.40
	Lym#	×10 <sup>9</sup> /L	1.45 ±0.40	2.81 ±0.70	4.24 ±1.10
	Mon#	×10 <sup>9</sup> /L	0.15 ±0.14	0.36 ±0.36	0.96 ±0.96
	Eos#	×10 <sup>9</sup> /L	0.25 ±0.15	0.82 ±0.50	2.30 ±1.30
	Bas#	×10 <sup>9</sup> /L	0.29 ±0.29	0.46 ±0.46	0.40 ±0.40
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.36</b> ±0.18	<b>4.74</b> ±0.24	<b>5.41</b> ±0.50
	<b>HGB</b>	g/L	<b>58</b> ±4	<b>136</b> ±6	<b>177</b> ±8
	HCT	%	18.2 ±2.0	41.0 ±3.0	51.2 ±4.0
	MCV	fL	<b>77.2</b> ±5.0	<b>86.4</b> ±5.0	<b>94.7</b> ±6.0
	MCH	pg	24.2 ±2.5	28.4 ±2.5	32.4 ±2.5
	MCHC	g/L	321 ±30	336 ±30	350 ±30
	RDW-CV	%	16.4 ±3.0	14.1 ±3.0	12.9 ±3.0
	RDW-SD	fL	52.4 ±10.0	50.6 ±10.0	51.0 ±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>67</b> ±20	<b>272</b> ±40	<b>496</b> ±60
	MPV	fL	8.9 ±3.0	9.0 ±3.0	9.5 ±3.0
PDW	fL	12.4 ±3.0	13.5 ±3.0	14.1 ±3.0	
PCT	%	0.060 ±0.050	0.245 ±0.100	0.471 ±0.200	
P-LCR	%	26.9 ±8.0	30.4 ±8.0	32.8 ±8.0	
P-LCC	×10 <sup>9</sup> /L	19 ±15	85 ±25	163 ±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.



BC0723L



BC0723N




BC0723H


# DM-5D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**

 2023-06-13

 2023-09-10

Applicable Instruments	Parameter	Unit	LOT BC0723L	LOT BC0723N	LOT BC0723H
<b>DYMIND</b>  DH71 DH76 (Technical File Version A4.1to A10.3)  DH51 DH53 DH56 (Technical File Version A8.1 or higher)	<b>WBC</b>	×10 <sup>9</sup> /L	<b>3.48</b> ±0.50	<b>8.47</b> ±1.00	<b>19.42</b> ±2.50
	Neu%	%	52.0 ±9.0	57.5 ±8.0	65.0 ±7.0
	Lym%	%	40.1 ±9.0	32.5 ±8.0	22.5 ±6.0
	Mon%	%	3.8 ±3.8	5.0 ±5.0	6.0 ±6.0
	Eos%	%	4.1 ±4.1	5.0 ±5.0	6.5 ±6.5
	Bas%	%	58.3 ±8.0	68.0 ±8.0	78.8 ±8.0
	Neu#	×10 <sup>9</sup> /L	1.81 ±0.40	4.87 ±0.70	12.62 ±1.40
	Lym#	×10 <sup>9</sup> /L	1.40 ±0.40	2.75 ±0.70	4.37 ±1.10
	Mon#	×10 <sup>9</sup> /L	0.13 ±0.13	0.42 ±0.42	1.17 ±1.10
	Eos#	×10 <sup>9</sup> /L	0.14 ±0.14	0.42 ±0.42	1.26 ±1.26
	Bas#	×10 <sup>9</sup> /L	2.03 ±0.30	5.76 ±0.70	15.30 ±1.50
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.21</b> ±0.18	<b>4.51</b> ±0.24	<b>5.21</b> ±0.50
	<b>HGB</b>	g/L	<b>56</b> ±4	<b>133</b> ±6	<b>170</b> ±8
	HCT	%	17.3 ±2.0	40.2 ±3.0	51.4 ±4.0
	<b>MCV</b>	fL	<b>78.5</b> ±5.0	<b>89.0</b> ±5.0	<b>98.7</b> ±6.0
	MCH	pg	23.6 ±2.5	27.2 ±2.5	30.2 ±2.5
	MCHC	g/L	307 ±30	311 ±30	311 ±30
	RDW-CV	%	19.5 ±3.0	16.5 ±3.0	15.0 ±3.0
	RDW-SD	fL	53.6 ±10.0	51.1 ±10.0	51.3 ±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>55</b> ±20	<b>246</b> ±40	<b>479</b> ±60
MPV	fL	9.7 ±3.0	10.1 ±3.0	10.3 ±3.0	
PDW	/	10.2 ±3.0	10.2 ±3.0	10.2 ±3.0	
PCT	%	0.053 ±0.050	0.248 ±0.100	0.494 ±0.200	
P-LCR	%	26.8 ±8.0	27.8 ±8.0	28.8 ±8.0	
P-LCC	×10 <sup>9</sup> /L	16 ±15	74 ±25	144 ±35	

**【NOTE】**


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


# DM-5D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**

 2023-06-13

 2023-09-10

Applicable Instruments	Parameter	Unit	LOT BC0723L	LOT BC0723N	LOT BC0723H
<b>DYMIND</b>  DH71 DH76 (Technical File Version A10.4)	<b>WBC</b>	×10 <sup>9</sup> /L	<b>3.13</b> ±0.50	<b>7.52</b> ±1.00	<b>17.08</b> ±2.50
	Neu%	%	49.7 ±9.0	56.5 ±8.0	64.3 ±7.0
	Lym%	%	41.1 ±9.0	33.3 ±8.0	23.5 ±6.0
	Mon%	%	5.1 ±4.0	5.5 ±5.0	6.2 ±6.0
	Eos%	%	4.1 ±4.1	4.7 ±4.7	6.0 ±6.0
	Bas%	%	56.6 ±8.0	66.5 ±8.0	77.9 ±8.0
	Neu#	×10 <sup>9</sup> /L	1.55 ±0.40	4.25 ±0.70	10.98 ±1.40
	Lym#	×10 <sup>9</sup> /L	1.29 ±0.40	2.50 ±0.70	4.01 ±1.10
	Mon#	×10 <sup>9</sup> /L	0.16 ±0.14	0.41 ±0.41	1.06 ±1.06
	Eos#	×10 <sup>9</sup> /L	0.13 ±0.13	0.35 ±0.35	1.02 ±1.02
	Bas#	×10 <sup>9</sup> /L	1.77 ±0.30	5.00 ±0.70	13.30 ±1.50
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.31</b> ±0.18	<b>4.65</b> ±0.24	<b>5.31</b> ±0.50
	<b>HGB</b>	g/L	<b>56</b> ±4	<b>132</b> ±6	<b>168</b> ±8
	HCT	%	17.9 ±2.0	40.9 ±3.0	51.5 ±4.0
	<b>MCV</b>	fL	<b>77.6</b> ±5.0	<b>88.1</b> ±5.0	<b>97.0</b> ±6.0
	MCH	pg	24.0 ±2.5	28.0 ±2.5	31.2 ±2.5
	MCHC	g/L	317 ±30	325 ±30	329 ±30
	RDW-CV	%	19.6 ±3.0	16.4 ±3.0	14.9 ±3.0
	RDW-SD	fL	54.7 ±10.0	51.8 ±10.0	51.7 ±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>50</b> ±20	<b>255</b> ±40	<b>492</b> ±60
	MPV	fL	10.4 ±3.0	9.9 ±3.0	10.1 ±3.0
PDW	fL	12.1 ±3.0	12.4 ±3.0	12.7 ±3.0	
PCT	%	0.052 ±0.050	0.253 ±0.100	0.497 ±0.200	
P-LCR	%	26.9 ±8.0	26.7 ±8.0	27.6 ±8.0	
P-LCC	×10 <sup>9</sup> /L	15 ±15	69 ±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**

 2023-06-13

 2023-09-10

Applicable Instruments	Parameter	Unit	LOT BC0723L	LOT BC0723N	LOT BC0723H
<b>DYMIND</b>  DH71 DH76 (Technical File Version A10.5 or higher)	<b>WBC</b>	×10 <sup>9</sup> /L	<b>3.43</b> ±0.50	<b>8.33</b> ±1.00	<b>19.46</b> ±2.50
	Neu%	%	50.5 ±9.0	56.2 ±8.0	64.1 ±7.0
	Lym%	%	40.0 ±9.0	33.1 ±8.0	22.9 ±6.0
	Mon%	%	5.0 ±4.0	5.6 ±5.0	6.1 ±6.0
	Eos%	%	4.5 ±4.5	5.1 ±5.1	6.9 ±6.9
	Bas%	%	59.4 ±8.0	69.0 ±8.0	80.2 ±8.0
	Neu#	×10 <sup>9</sup> /L	1.73 ±0.40	4.68 ±0.70	12.47 ±1.40
	Lym#	×10 <sup>9</sup> /L	1.37 ±0.40	2.76 ±0.70	4.46 ±1.10
	Mon#	×10 <sup>9</sup> /L	0.17 ±0.14	0.47 ±0.47	1.19 ±1.10
	Eos#	×10 <sup>9</sup> /L	0.15 ±0.15	0.43 ±0.43	1.34 ±1.30
	Bas#	×10 <sup>9</sup> /L	2.04 ±0.30	5.75 ±0.70	15.60 ±1.50
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.33</b> ±0.18	<b>4.68</b> ±0.24	<b>5.36</b> ±0.50
	<b>HGB</b>	g/L	<b>57</b> ±4	<b>133</b> ±6	<b>169</b> ±8
	HCT	%	17.9 ±2.0	40.8 ±3.0	51.7 ±4.0
	<b>MCV</b>	fL	<b>76.8</b> ±5.0	<b>87.3</b> ±5.0	<b>96.4</b> ±6.0
	MCH	pg	24.3 ±2.5	28.2 ±2.5	31.4 ±2.5
	MCHC	g/L	325 ±30	331 ±30	332 ±30
	RDW-CV	%	19.9 ±3.0	16.6 ±3.0	15.0 ±3.0
	RDW-SD	fL	54.7 ±10.0	51.7 ±10.0	51.4 ±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>50</b> ±20	<b>266</b> ±40	<b>516</b> ±60
MPV	fL	9.7 ±3.0	9.5 ±3.0	9.7 ±3.0	
PDW	fL	11.2 ±3.0	11.3 ±3.0	11.8 ±3.0	
PCT	%	0.049 ±0.049	0.252 ±0.100	0.501 ±0.200	
P-LCR	%	22.4 ±8.0	23.8 ±8.0	24.8 ±8.0	
P-LCC	×10 <sup>9</sup> /L	13 ±13	62 ±25	123 ±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.



BC0723L



BC0723N





BC0723H

# DM-5D

## HEMATOLOGY CONTROL

### Reference Values provided by DYMIND

**CONTROL**
 2023-06-13

 2023-09-10

Applicable Instruments	Parameter	Unit	LOT BC0723L	LOT BC0723N	LOT BC0723H
<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>3.45</b> ±0.50	<b>8.22</b> ±1.00	<b>18.79</b> ±2.50
	Neu%	%	51.5 ±9.0	55.8 ±8.0	63.8 ±7.0
	Lym%	%	38.3 ±9.0	32.4 ±8.0	21.7 ±6.0
	Mon%	%	4.3 ±4.0	5.0 ±5.0	5.9 ±5.9
	Eos%	%	5.9 ±5.0	6.8 ±6.0	8.6 ±7.0
	Bas%	%	58.1 ±8.0	68.4 ±8.0	79.2 ±8.0
	Neu#	×10 <sup>9</sup> /L	1.77 ±0.40	4.59 ±0.70	11.99 ±1.40
	Lym#	×10 <sup>9</sup> /L	1.32 ±0.40	2.66 ±0.70	4.08 ±1.10
	Mon#	×10 <sup>9</sup> /L	0.15 ±0.14	0.41 ±0.41	1.11 ±1.10
	Eos#	×10 <sup>9</sup> /L	0.20 ±0.15	0.56 ±0.50	1.62 ±1.30
	Bas#	×10 <sup>9</sup> /L	2.00 ±0.30	5.62 ±0.70	14.88 ±1.50
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.32</b> ±0.18	<b>4.64</b> ±0.24	<b>5.24</b> ±0.50
	<b>HGB</b>	g/L	<b>56</b> ±4	<b>131</b> ±6	<b>166</b> ±8
	HCT	%	18.6 ±2.0	42.6 ±3.0	53.1 ±4.0
	<b>MCV</b>	fL	<b>80.1</b> ±5.0	<b>91.8</b> ±5.0	<b>101.5</b> ±6.0
	MCH	pg	23.9 ±2.5	28.0 ±2.5	31.5 ±2.5
	MCHC	g/L	308 ±30	315 ±30	320 ±30
	RDW-CV	%	19.7 ±3.0	16.7 ±3.0	15.1 ±3.0
	RDW-SD	fL	54.4 ±10.0	52.1 ±10.0	51.9 ±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>56</b> ±20	<b>269</b> ±40	<b>511</b> ±60
	MPV	fL	10.4 ±3.0	10.2 ±3.0	10.5 ±3.0
PDW	fL	11.9 ±3.0	12.9 ±3.0	13.3 ±3.0	
PCT	%	0.058 ±0.050	0.274 ±0.100	0.536 ±0.200	
P-LCR	%	27.1 ±8.0	28.2 ±8.0	29.9 ±8.0	
P-LCC	×10 <sup>9</sup> /L	15 ±15	76 ±25	148 ±35	
PDW	/	10.2 ±3.0	10.3 ±3.0	10.2 ±3.0	

**【NOTE】**


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


# DM-5D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**

 2023-06-13

 2023-09-10

Applicable Instruments	Parameter	Unit	LOT BC0723L	LOT BC0723N	LOT BC0723H
<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>3.38</b> ±0.50	<b>8.22</b> ±1.00	<b>18.96</b> ±2.50
	Neu%	%	50.3 ±9.0	56.5 ±8.0	64.7 ±7.0
	Lym%	%	40.4 ±9.0	33.0 ±8.0	22.9 ±6.0
	Mon%	%	5.5 ±4.0	5.5 ±5.0	6.2 ±6.0
	Eos%	%	3.8 ±3.8	5.0 ±5.0	6.2 ±6.2
	Bas%	%	59.2 ±8.0	69.0 ±8.0	79.9 ±8.0
	Neu#	×10 <sup>9</sup> /L	1.70 ±0.40	4.64 ±0.70	12.27 ±1.40
	Lym#	×10 <sup>9</sup> /L	1.37 ±0.40	2.71 ±0.70	4.34 ±1.10
	Mon#	×10 <sup>9</sup> /L	0.19 ±0.14	0.45 ±0.45	1.18 ±1.10
	Eos#	×10 <sup>9</sup> /L	0.13 ±0.13	0.41 ±0.41	1.18 ±1.18
	Bas#	×10 <sup>9</sup> /L	2.00 ±0.30	5.67 ±0.70	15.15 ±1.50
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.27</b> ±0.18	<b>4.59</b> ±0.24	<b>5.21</b> ±0.50
	<b>HGB</b>	g/L	<b>56</b> ±4	<b>131</b> ±6	<b>167</b> ±8
	HCT	%	17.7 ±2.0	40.2 ±3.0	50.4 ±4.0
	<b>MCV</b>	fL	<b>77.8</b> ±5.0	<b>87.6</b> ±5.0	<b>96.7</b> ±6.0
	MCH	pg	24.5 ±2.5	28.5 ±2.5	31.9 ±2.5
	MCHC	g/L	320 ±30	331 ±30	335 ±30
	RDW-CV	%	19.9 ±3.0	16.7 ±3.0	15.2 ±3.0
	RDW-SD	fL	55.4 ±10.0	52.8 ±10.0	52.9 ±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>53</b> ±20	<b>265</b> ±40	<b>527</b> ±60
	MPV	fL	10.1 ±3.0	9.9 ±3.0	10.3 ±3.0
PDW	fL	11.8 ±3.0	12.5 ±3.0	12.9 ±3.0	
PCT	%	0.054 ±0.050	0.263 ±0.100	0.543 ±0.200	
P-LCR	%	25.4 ±8.0	26.5 ±8.0	28.8 ±8.0	
P-LCC	×10 <sup>9</sup> /L	15 ±15	71 ±25	148 ±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.



BC0723L



BC0723N




BC0723H


# DM-5D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**

 2023-06-13

 2023-09-10

Applicable Instruments	Parameter	Unit	LOT BC0723L	LOT BC0723N	LOT BC0723H
<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>3.62</b> ±0.50	<b>8.61</b> ±1.00	<b>20.10</b> ±2.50
	Neu%	%	50.3 ±9.0	56.4 ±8.0	64.0 ±7.0
	Lym%	%	40.2 ±9.0	32.7 ±8.0	22.7 ±6.0
	Mon%	%	5.0 ±4.0	5.6 ±5.0	6.1 ±6.0
	Eos%	%	4.5 ±4.5	5.3 ±5.3	7.2 ±7.0
	Bas%	%	59.4 ±8.0	70.2 ±8.0	80.8 ±8.0
	Neu#	×10 <sup>9</sup> /L	1.82 ±0.40	4.86 ±0.70	12.86 ±1.40
	Lym#	×10 <sup>9</sup> /L	1.45 ±0.40	2.82 ±0.70	4.56 ±1.10
	Mon#	×10 <sup>9</sup> /L	0.18 ±0.14	0.48 ±0.48	1.23 ±1.10
	Eos#	×10 <sup>9</sup> /L	0.16 ±0.15	0.46 ±0.46	1.45 ±1.30
	Bas#	×10 <sup>9</sup> /L	2.15 ±0.30	6.05 ±0.70	16.24 ±1.50
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.35</b> ±0.18	<b>4.67</b> ±0.24	<b>5.33</b> ±0.50
	<b>HGB</b>	g/L	<b>57</b> ±4	<b>133</b> ±6	<b>169</b> ±8
	HCT	%	18.3 ±2.0	41.2 ±3.0	52.1 ±4.0
	MCV	fL	<b>78.0</b> ±5.0	<b>88.3</b> ±5.0	<b>97.8</b> ±6.0
	MCH	pg	23.9 ±2.5	28.0 ±2.5	31.1 ±2.5
	MCHC	g/L	312 ±30	323 ±30	324 ±30
	RDW-CV	%	19.4 ±3.0	16.3 ±3.0	14.7 ±3.0
	RDW-SD	fL	54.8 ±10.0	52.0 ±10.0	51.7 ±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>54</b> ±20	<b>265</b> ±40	<b>526</b> ±60
	MPV	fL	9.5 ±3.0	9.3 ±3.0	9.5 ±3.0
PDW	fL	10.0 ±3.0	11.0 ±3.0	11.3 ±3.0	
PCT	%	0.051 ±0.050	0.247 ±0.100	0.500 ±0.200	
P-LCR	%	21.5 ±8.0	22.2 ±8.0	23.6 ±8.0	
P-LCC	×10 <sup>9</sup> /L	14 ±14	59 ±25	117 ±35	

**【NOTE】**

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



BC0723L



BC0723N




BC0723H


# DM-5D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**

 2023-06-13

 2023-09-10

Applicable Instruments	Parameter	Unit	LOT BC0723L	LOT BC0723N	LOT BC0723H
<b>DYMIND</b>  D6-CRP DH76CRP (Technical File Version B1.0 to B2.0)	<b>WBC</b>	×10 <sup>9</sup> /L	<b>3.47</b> ±0.50	<b>8.38</b> ±1.00	<b>19.29</b> ±2.50
	Neu%	%	51.0 ±9.0	56.7 ±8.0	64.8 ±7.0
	Lym%	%	40.2 ±9.0	32.6 ±8.0	22.7 ±6.0
	Mon%	%	5.3 ±4.0	5.9 ±5.0	6.3 ±6.0
	Eos%	%	3.5 ±3.5	4.8 ±4.8	6.2 ±6.2
	Bas%	%	58.9 ±8.0	68.7 ±8.0	79.6 ±8.0
	Neu#	×10 <sup>9</sup> /L	1.77 ±0.40	4.75 ±0.70	12.50 ±1.40
	Lym#	×10 <sup>9</sup> /L	1.39 ±0.40	2.73 ±0.70	4.38 ±1.10
	Mon#	×10 <sup>9</sup> /L	0.18 ±0.14	0.49 ±0.49	1.22 ±1.10
	Eos#	×10 <sup>9</sup> /L	0.12 ±0.12	0.40 ±0.40	1.20 ±1.20
	Bas#	×10 <sup>9</sup> /L	2.04 ±0.30	5.75 ±0.70	15.36 ±1.50
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.30</b> ±0.18	<b>4.61</b> ±0.24	<b>5.27</b> ±0.50
	<b>HGB</b>	g/L	<b>58</b> ±4	<b>132</b> ±6	<b>167</b> ±8
	HCT	%	17.7 ±2.0	39.9 ±3.0	50.4 ±4.0
	<b>MCV</b>	fL	<b>76.8</b> ±5.0	<b>86.6</b> ±5.0	<b>95.7</b> ±6.0
	MCH	pg	25.2 ±2.5	28.4 ±2.5	31.5 ±2.5
	MCHC	g/L	337 ±30	336 ±30	337 ±30
	RDW-CV	%	19.8 ±3.0	16.6 ±3.0	15.0 ±3.0
	RDW-SD	fL	54.0 ±10.0	51.2 ±10.0	51.0 ±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>55</b> ±20	<b>260</b> ±40	<b>507</b> ±60
	MPV	fL	8.7 ±3.0	9.3 ±3.0	9.6 ±3.0
PDW	fL	11.6 ±3.0	11.1 ±3.0	11.5 ±3.0	
PCT	%	0.048 ±0.048	0.242 ±0.100	0.486 ±0.200	
P-LCR	%	20.4 ±8.0	22.6 ±8.0	23.9 ±8.0	
P-LCC	×10 <sup>9</sup> /L	13 ±13	58 ±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.



BC0723L



BC0723N




BC0723H


# DM-5D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**

 2023-06-13

 2023-09-10

Applicable Instruments	Parameter	Unit	LOT BC0723L	LOT BC0723N	LOT BC0723H
<b>DYMIND</b>  D6-CRP DH76CRP (Technical File Version B2.2 or higher)	<b>WBC</b>	×10 <sup>9</sup> /L	<b>3.55</b> ±0.50	<b>8.57</b> ±1.00	<b>19.71</b> ±2.50
	Neu%	%	48.9 ±9.0	55.5 ±8.0	62.9 ±7.0
	Lym%	%	41.1 ±9.0	32.9 ±8.0	22.7 ±6.0
	Mon%	%	5.0 ±4.0	5.4 ±5.0	6.0 ±6.0
	Eos%	%	5.0 ±5.0	6.2 ±6.0	8.4 ±7.0
	Bas%	%	59.2 ±8.0	68.8 ±8.0	79.9 ±8.0
	Neu#	×10 <sup>9</sup> /L	1.73 ±0.40	4.76 ±0.70	12.40 ±1.40
	Lym#	×10 <sup>9</sup> /L	1.46 ±0.40	2.82 ±0.70	4.47 ±1.10
	Mon#	×10 <sup>9</sup> /L	0.18 ±0.14	0.46 ±0.46	1.18 ±1.10
	Eos#	×10 <sup>9</sup> /L	0.18 ±0.15	0.53 ±0.50	1.66 ±1.30
	Bas#	×10 <sup>9</sup> /L	2.10 ±0.30	5.89 ±0.70	15.75 ±1.50
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.35</b> ±0.18	<b>4.72</b> ±0.24	<b>5.36</b> ±0.50
	<b>HGB</b>	g/L	<b>59</b> ±4	<b>133</b> ±6	<b>169</b> ±8
	HCT	%	18.2 ±2.0	41.2 ±3.0	51.7 ±4.0
	MCV	fL	<b>77.4</b> ±5.0	<b>87.2</b> ±5.0	<b>96.4</b> ±6.0
	MCH	pg	24.6 ±2.5	27.7 ±2.5	31.0 ±2.5
	MCHC	g/L	325 ±30	324 ±30	328 ±30
	RDW-CV	%	19.7 ±3.0	16.4 ±3.0	14.8 ±3.0
	RDW-SD	fL	54.9 ±10.0	51.9 ±10.0	51.5 ±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>55</b> ±20	<b>266</b> ±40	<b>518</b> ±60
	MPV	fL	9.0 ±3.0	9.6 ±3.0	9.7 ±3.0
PDW	fL	11.8 ±3.0	11.4 ±3.0	11.8 ±3.0	
PCT	%	0.049 ±0.049	0.255 ±0.100	0.502 ±0.200	
P-LCR	%	22.3 ±8.0	23.9 ±8.0	24.9 ±8.0	
P-LCC	×10 <sup>9</sup> /L	14 ±14	64 ±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.



BC0723L



BC0723N




BC0723H


# DM-5D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**

 2023-06-13

 2023-09-10

Applicable Instruments	Parameter	Unit	LOT BC0723L	LOT BC0723N	LOT BC0723H
<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>3.60</b> ±0.50	<b>8.64</b> ±1.00	<b>19.67</b> ±2.50
	Neu%	%	49.5 ±9.0	55.0 ±8.0	61.8 ±7.0
	Lym%	%	40.6 ±9.0	32.3 ±8.0	20.2 ±8.0
	Mon%	%	2.9 ±2.9	3.6 ±3.6	6.6 ±6.6
	Eos%	%	7.0 ±5.0	9.1 ±6.0	11.4 ±7.0
	Bas%	%	3.4 ±3.4	2.7 ±2.7	1.2 ±1.2
	Neu#	×10 <sup>9</sup> /L	1.78 ±0.40	4.75 ±0.70	12.16 ±1.40
	Lym#	×10 <sup>9</sup> /L	1.46 ±0.40	2.79 ±0.70	3.97 ±1.80
	Mon#	×10 <sup>9</sup> /L	0.10 ±0.10	0.31 ±0.31	1.30 ±1.30
	Eos#	×10 <sup>9</sup> /L	0.25 ±0.15	0.79 ±0.50	2.24 ±1.30
	Bas#	×10 <sup>9</sup> /L	0.12 ±0.12	0.23 ±0.23	0.24 ±0.24
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.38</b> ±0.18	<b>4.76</b> ±0.24	<b>5.43</b> ±0.50
	<b>HGB</b>	g/L	<b>57</b> ±4	<b>133</b> ±6	<b>174</b> ±8
	HCT	%	18.8 ±2.0	43.0 ±3.0	54.2 ±4.0
	MCV	fL	<b>78.8</b> ±5.0	<b>90.4</b> ±5.0	<b>99.8</b> ±6.0
	MCH	pg	23.9 ±2.5	28.2 ±2.5	32.2 ±2.5
	MCHC	g/L	311 ±30	319 ±30	330 ±30
	RDW-CV	%	15.4 ±3.0	13.2 ±3.0	12.0 ±3.0
	RDW-SD	fL	50.8 ±10.0	48.9 ±10.0	49.1 ±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>66</b> ±20	<b>268</b> ±40	<b>485</b> ±60
MPV	fL	8.8 ±3.0	8.9 ±3.0	9.3 ±3.0	
PDW	fL	11.4 ±3.0	12.5 ±3.0	13.0 ±3.0	
PCT	%	0.058 ±0.050	0.238 ±0.100	0.451 ±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.



BC0723L



BC0723N




BC0723H


# DM-5D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**

 2023-06-13

 2023-09-10

Applicable Instruments	Parameter	Unit	LOT BC0723L	LOT BC0723N	LOT BC0723H
<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>3.56</b> ±0.50	<b>8.45</b> ±1.00	<b>19.35</b> ±2.50
	Neu%	%	52.5 ±9.0	57.0 ±8.0	62.6 ±7.0
	Lym%	%	37.8 ±9.0	30.3 ±8.0	21.0 ±6.0
	Mon%	%	3.2 ±3.2	3.9 ±3.9	5.0 ±5.0
	Eos%	%	6.5 ±5.0	8.8 ±6.0	11.4 ±7.0
	Bas%	%	7.9 ±7.9	5.3 ±5.3	3.1 ±3.1
	Neu#	×10 <sup>9</sup> /L	1.87 ±0.40	4.81 ±0.70	12.11 ±1.40
	Lym#	×10 <sup>9</sup> /L	1.34 ±0.40	2.56 ±0.70	4.06 ±1.10
	Mon#	×10 <sup>9</sup> /L	0.11 ±0.11	0.33 ±0.33	0.97 ±0.97
	Eos#	×10 <sup>9</sup> /L	0.23 ±0.15	0.74 ±0.50	2.21 ±1.30
	Bas#	×10 <sup>9</sup> /L	0.28 ±0.28	0.45 ±0.45	0.60 ±0.60
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.29</b> ±0.18	<b>4.57</b> ±0.24	<b>5.25</b> ±0.50
	<b>HGB</b>	g/L	<b>56</b> ±4	<b>132</b> ±6	<b>170</b> ±8
	HCT	%	17.9 ±2.0	40.9 ±3.0	51.8 ±4.0
	<b>MCV</b>	fL	<b>78.2</b> ±5.0	<b>89.4</b> ±5.0	<b>98.6</b> ±6.0
	MCH	pg	24.6 ±2.5	28.4 ±2.5	32.2 ±2.5
	MCHC	g/L	323 ±30	326 ±30	334 ±30
	RDW-CV	%	16.8 ±3.0	14.6 ±3.0	13.4 ±3.0
	RDW-SD	fL	53.8 ±10.0	52.7 ±10.0	53.3 ±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>60</b> ±20	<b>260</b> ±40	<b>481</b> ±60
	MPV	fL	9.1 ±3.0	9.0 ±3.0	9.5 ±3.0
PDW	fL	11.2 ±3.0	12.5 ±3.0	13.2 ±3.0	
PCT	%	0.055 ±0.050	0.234 ±0.100	0.457 ±0.200	
P-LCR	%	25.9 ±8.0	29.7 ±8.0	33.1 ±8.0	
P-LCC	×10 <sup>9</sup> /L	15 ±15	76 ±25	151 ±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**

 2023-06-13

 2023-09-10

Applicable Instruments	Parameter	Unit	LOT BC0723L	LOT BC0723N	LOT BC0723H
<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>3.57</b> ±0.50	<b>8.70</b> ±1.00	<b>19.93</b> ±2.50
	Neu%	%	49.4 ±9.0	54.3 ±8.0	61.9 ±7.0
	Lym%	%	40.0 ±9.0	31.9 ±8.0	21.6 ±6.0
	Mon%	%	4.2 ±4.0	4.6 ±4.6	5.0 ±5.0
	Eos%	%	6.4 ±5.0	9.2 ±6.0	11.5 ±7.0
	Bas%	%	6.0 ±6.0	3.8 ±3.8	1.6 ±1.6
	Neu#	×10 <sup>9</sup> /L	1.76 ±0.40	4.72 ±0.70	12.33 ±1.40
	Lym#	×10 <sup>9</sup> /L	1.43 ±0.40	2.77 ±0.70	4.30 ±1.10
	Mon#	×10 <sup>9</sup> /L	0.15 ±0.14	0.40 ±0.40	1.00 ±1.00
	Eos#	×10 <sup>9</sup> /L	0.23 ±0.15	0.80 ±0.50	2.29 ±1.30
	Bas#	×10 <sup>9</sup> /L	0.21 ±0.21	0.33 ±0.33	0.32 ±0.32
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.29</b> ±0.18	<b>4.56</b> ±0.24	<b>5.18</b> ±0.50
	<b>HGB</b>	g/L	<b>57</b> ±4	<b>131</b> ±6	<b>170</b> ±8
	HCT	%	17.8 ±2.0	39.7 ±3.0	49.3 ±4.0
	MCV	fL	<b>77.7</b> ±5.0	<b>86.9</b> ±5.0	<b>95.2</b> ±6.0
	MCH	pg	24.8 ±2.5	28.7 ±2.5	32.8 ±2.5
	MCHC	g/L	326 ±30	336 ±30	351 ±30
	RDW-CV	%	16.7 ±3.0	14.4 ±3.0	13.4 ±3.0
	RDW-SD	fL	54.5 ±10.0	53.0 ±10.0	54.0 ±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>61</b> ±20	<b>266</b> ±40	<b>491</b> ±60
	MPV	fL	9.0 ±3.0	8.9 ±3.0	9.3 ±3.0
PDW	fL	10.5 ±3.0	12.2 ±3.0	12.6 ±3.0	
PCT	%	0.055 ±0.050	0.237 ±0.100	0.456 ±0.200	
P-LCR	%	26.1 ±8.0	29.6 ±8.0	32.1 ±8.0	
P-LCC	×10 <sup>9</sup> /L	16 ±15	78 ±25	153 ±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.



BC0723L



BC0723N




BC0723H


# DM-5D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**

 2023-06-13

 2023-09-10

Applicable Instruments	Parameter	Unit	LOT BC0723L	LOT BC0723N	LOT BC0723H
<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>3.67</b> ±0.50	<b>8.86</b> ±1.00	<b>20.40</b> ±2.50
	Neu%	%	49.1 ±9.0	53.7 ±8.0	61.4 ±7.0
	Lym%	%	39.8 ±9.0	32.7 ±8.0	22.3 ±6.0
	Mon%	%	4.6 ±4.0	4.7 ±4.7	4.9 ±4.9
	Eos%	%	6.5 ±5.0	8.9 ±6.0	11.4 ±7.0
	Bas%	%	6.3 ±6.3	4.2 ±4.2	1.7 ±1.7
	Neu#	×10 <sup>9</sup> /L	1.80 ±0.40	4.76 ±0.70	12.52 ±1.40
	Lym#	×10 <sup>9</sup> /L	1.46 ±0.40	2.90 ±0.70	4.55 ±1.10
	Mon#	×10 <sup>9</sup> /L	0.17 ±0.14	0.42 ±0.42	1.00 ±1.00
	Eos#	×10 <sup>9</sup> /L	0.24 ±0.15	0.79 ±0.50	2.33 ±1.30
	Bas#	×10 <sup>9</sup> /L	0.23 ±0.23	0.37 ±0.37	0.35 ±0.35
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.29</b> ±0.18	<b>4.55</b> ±0.24	<b>5.21</b> ±0.50
	<b>HGB</b>	g/L	<b>57</b> ±4	<b>132</b> ±6	<b>171</b> ±8
	HCT	%	17.8 ±2.0	39.5 ±3.0	49.6 ±4.0
	MCV	fL	<b>77.7</b> ±5.0	<b>86.9</b> ±5.0	<b>95.2</b> ±6.0
	MCH	pg	24.7 ±2.5	28.6 ±2.5	32.3 ±2.5
	MCHC	g/L	327 ±30	338 ±30	349 ±30
	RDW-CV	%	16.5 ±3.0	14.1 ±3.0	13.0 ±3.0
	RDW-SD	fL	53.0 ±10.0	51.2 ±10.0	51.7 ±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>50</b> ±20	<b>261</b> ±40	<b>522</b> ±60
	MPV	fL	9.2 ±3.0	8.8 ±3.0	9.4 ±3.0
PDW	fL	10.5 ±3.0	11.8 ±3.0	12.4 ±3.0	
PCT	%	0.046 ±0.046	0.229 ±0.100	0.491 ±0.200	
P-LCR	%	27.4 ±8.0	28.3 ±8.0	31.8 ±8.0	
P-LCC	×10 <sup>9</sup> /L	15 ±15	73 ±25	163 ±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.



BC0723L



BC0723N




BC0723H


# DM-5D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**

 2023-06-13

 2023-09-10

Applicable Instruments	Parameter	Unit	LOT BC0723L	LOT BC0723N	LOT BC0723H
<b>DYMIND</b>  DM71X DM72X DM78X DM79X (Technical File Version A1.0 or higher)	<b>WBC</b>	×10 <sup>9</sup> /L	<b>3.39</b> ±0.50	<b>8.17</b> ±1.00	<b>18.63</b> ±2.50
	Neu%	%	49.1 ±9.0	55.4 ±8.0	62.3 ±7.0
	Lym%	%	39.5 ±9.0	31.9 ±8.0	21.9 ±6.0
	Mon%	%	6.2 ±4.0	6.1 ±5.0	6.3 ±6.0
	Eos%	%	5.2 ±5.0	6.6 ±6.0	9.5 ±7.0
	Bas%	%	56.4 ±8.0	66.7 ±8.0	78.4 ±8.0
	Neu#	×10 <sup>9</sup> /L	1.66 ±0.40	4.53 ±0.70	11.60 ±1.40
	Lym#	×10 <sup>9</sup> /L	1.34 ±0.40	2.61 ±0.70	4.08 ±1.10
	Mon#	×10 <sup>9</sup> /L	0.21 ±0.14	0.50 ±0.50	1.17 ±1.10
	Eos#	×10 <sup>9</sup> /L	0.18 ±0.15	0.54 ±0.50	1.77 ±1.30
	Bas#	×10 <sup>9</sup> /L	1.91 ±0.30	5.45 ±0.70	14.60 ±1.50
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.30</b> ±0.18	<b>4.65</b> ±0.24	<b>5.32</b> ±0.50
	<b>HGB</b>	g/L	<b>59</b> ±4	<b>133</b> ±6	<b>168</b> ±8
	HCT	%	17.5 ±2.0	40.5 ±3.0	51.2 ±4.0
	<b>MCV</b>	fL	<b>76.1</b> ±5.0	<b>87.0</b> ±5.0	<b>96.3</b> ±6.0
	MCH	pg	25.4 ±2.5	28.5 ±2.5	31.6 ±2.5
	MCHC	g/L	340 ±30	333 ±30	334 ±30
	RDW-CV	%	19.5 ±3.0	16.3 ±3.0	14.8 ±3.0
	RDW-SD	fL	53.9 ±10.0	51.0 ±10.0	50.8 ±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>56</b> ±20	<b>270</b> ±40	<b>528</b> ±60
	MPV	fL	9.6 ±3.0	10.1 ±3.0	10.1 ±3.0
PDW	fL	12.6 ±3.0	12.1 ±3.0	12.6 ±3.0	
PCT	%	0.054 ±0.050	0.272 ±0.100	0.533 ±0.200	
P-LCR	%	26.3 ±8.0	27.1 ±8.0	27.8 ±8.0	
P-LCC	×10 <sup>9</sup> /L	15 ±15	73 ±25	140 ±35	

**【NOTE】**

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



BC0723L



BC0723N




BC0723H


# DM-5D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**

 2023-06-13

 2023-09-10

Applicable Instruments	Parameter	Unit	LOT BC0723L	LOT BC0723N	LOT BC0723H
<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>8.37</b> ±1.00	<b>19.01</b> ±2.50
	Neu%	%	50.1 ±9.0	56.2 ±8.0	63.9 ±7.0
	Lym%	%	39.5 ±9.0	32.6 ±8.0	22.3 ±6.0
	Mon%	%	5.1 ±4.0	5.4 ±5.0	5.9 ±5.9
	Eos%	%	4.8 ±4.8	5.2 ±5.2	7.1 ±7.0
	Bas%	%	0.5 ±0.5	0.6 ±0.6	0.8 ±0.8
	Neu#	×10 <sup>9</sup> /L	1.75 ±0.40	4.75 ±0.70	12.30 ±1.40
	Lym#	×10 <sup>9</sup> /L	1.37 ±0.40	2.73 ±0.70	4.24 ±1.10
	Mon#	×10 <sup>9</sup> /L	0.18 ±0.14	0.45 ±0.45	1.12 ±1.10
	Eos#	×10 <sup>9</sup> /L	0.17 ±0.15	0.44 ±0.44	1.35 ±1.30
	Bas#	×10 <sup>9</sup> /L	0.02 ±0.02	0.05 ±0.05	0.15 ±0.15
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.34</b> ±0.18	<b>4.64</b> ±0.24	<b>5.28</b> ±0.50
	<b>HGB</b>	g/L	<b>59</b> ±4	<b>132</b> ±6	<b>168</b> ±8
	HCT	%	17.8 ±2.0	40.4 ±3.0	51.0 ±4.0
	<b>MCV</b>	fL	<b>76.2</b> ±5.0	<b>87.2</b> ±5.0	<b>96.6</b> ±6.0
	MCH	pg	25.1 ±2.5	28.4 ±2.5	31.7 ±2.5
	MCHC	g/L	335 ±30	331 ±30	334 ±30
	RDW-CV	%	19.9 ±3.0	16.7 ±3.0	15.1 ±3.0
	RDW-SD	fL	47.8 ±10.0	45.4 ±10.0	45.0 ±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>52</b> ±20	<b>247</b> ±40	<b>478</b> ±60
MPV	fL	9.5 ±3.0	8.9 ±3.0	9.3 ±3.0	
PDW	fL	10.1 ±3.0	10.5 ±3.0	10.8 ±3.0	
PCT	%	0.050 ±0.050	0.220 ±0.100	0.444 ±0.200	
P-LCR	%	20.5 ±8.0	20.9 ±8.0	22.5 ±8.0	
P-LCC	×10 <sup>9</sup> /L	13 ±13	51 ±25	100 ±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.



BC0723L



BC0723N



BC0723H