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文件名称： <p style="text-align: center;"><b>CONTROL DM-3D B0823 2023-11-10</b></p> 适用范围：公司所有三分类仪器					
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由试剂研发					

# DM-3D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**

2023-07-14

2023-11-10

Applicable Instruments	Parameter	Unit	LOT B0823L	LOT B0823N	LOT B0823H
<b>DYMIND</b>  DH31 DH33 DH36 (Technical File Version A5.0 or higher)  DH31 Vet DH36 Vet (Technical File Version A1.0 to A4.0)	<b>WBC</b>	×10 <sup>9</sup> /L	<b>1.98</b> ±0.60	<b>7.69</b> ±1.00	<b>20.61</b> ±2.50
	Lym%	%	60.3 ±9.0	30.8 ±8.0	14.7 ±8.0
	Gran%	%	30.2 ±9.0	61.4 ±8.0	82.1 ±8.0
	Mid%	%	9.5 ±9.5	7.8 ±6.0	3.2 ±3.2
	Lym#	×10 <sup>9</sup> /L	1.19 ±0.30	2.37 ±0.70	3.03 ±2.00
	Gran#	×10 <sup>9</sup> /L	0.60 ±0.30	4.72 ±0.70	16.92 ±2.00
	Mid#	×10 <sup>9</sup> /L	0.19 ±0.19	0.60 ±0.50	0.66 ±0.50
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.23</b> ±0.24	<b>4.70</b> ±0.24	<b>5.73</b> ±0.30
	<b>HGB</b>	g/L	<b>50</b> ±6	<b>130</b> ±6	<b>181</b> ±8
	HCT	%	17.4 ±2.0	42.1 ±3.0	56.7 ±4.0
	<b>MCV</b>	fL	<b>78.2</b> ±5.0	<b>89.5</b> ±5.0	<b>98.9</b> ±5.0
	MCH	pg	22.3 ±2.5	26.6 ±2.5	30.4 ±2.5
	MCHC	g/L	287 ±30	302 ±30	313 ±30
	RDW-CV	%	17.2 ±3.0	16.7 ±3.0	15.6 ±3.0
	RDW-SD	fL	45.2 ±8.0	50.5 ±8.0	52.2 ±8.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>68</b> ±20	<b>262</b> ±40	<b>507</b> ±60
	MPV	fL	9.4 ±3.0	9.2 ±3.0	9.5 ±3.0
	PDW	fL	11.7 ±3.0	11.6 ±3.0	12.4 ±3.0
	PCT	%	0.064 ±0.064	0.244 ±0.200	0.488 ±0.200
	P-LCR	%	23.3 ±10.0	22.1 ±10.0	24.7 ±10.0
P-LCC	×10 <sup>9</sup> /L	16 ±15	59 ±25	127 ±30	
PDW	/	16.0 ±3.0	16.0 ±3.0	16.5 ±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.



B0823L



B0823N



B0823H

# DM-3D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**

2023-07-14

2023-11-10

Applicable Instruments	Parameter	Unit	LOT B0823L	LOT B0823N	LOT B0823H
<b>DYMIND</b>  DH20 DH21 DH22 DH23 DH25 DH26 (Technical File Version A1.0 or higher)	<b>WBC</b>	×10 <sup>9</sup> /L	<b>1.98</b> ±0.60	<b>7.51</b> ±1.00	<b>20.01</b> ±2.50
	Lym%	%	61.3 ±9.0	30.9 ±8.0	14.1 ±8.0
	Gran%	%	29.8 ±9.0	63.7 ±8.0	82.3 ±8.0
	Mid%	%	8.9 ±8.9	5.4 ±5.4	3.6 ±3.6
	Lym#	×10 <sup>9</sup> /L	1.21 ±0.30	2.32 ±0.70	2.82 ±2.00
	Gran#	×10 <sup>9</sup> /L	0.59 ±0.30	4.78 ±0.70	16.47 ±2.00
	Mid#	×10 <sup>9</sup> /L	0.18 ±0.18	0.41 ±0.41	0.72 ±0.50
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.22</b> ±0.24	<b>4.61</b> ±0.24	<b>5.57</b> ±0.30
	<b>HGB</b>	g/L	<b>53</b> ±6	<b>131</b> ±6	<b>181</b> ±8
	HCT	%	16.8 ±2.0	38.7 ±3.0	51.2 ±4.0
	<b>MCV</b>	fL	<b>75.6</b> ±5.0	<b>83.9</b> ±5.0	<b>91.9</b> ±5.0
	MCH	pg	23.2 ±2.5	27.9 ±2.5	31.9 ±2.5
	MCHC	g/L	316 ±30	339 ±30	355 ±30
	RDW-CV	%	16.7 ±3.0	15.0 ±3.0	14.0 ±3.0
	RDW-SD	fL	46.4 ±8.0	46.6 ±8.0	47.5 ±8.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>64</b> ±20	<b>256</b> ±40	<b>513</b> ±60
	MPV	fL	9.9 ±3.0	9.9 ±3.0	10.2 ±3.0
	PDW	fL	10.9 ±3.0	10.9 ±3.0	11.8 ±3.0
	PCT	%	0.068 ±0.068	0.258 ±0.200	0.532 ±0.200
	P-LCR	%	30.2 ±10.0	26.2 ±10.0	28.6 ±10.0
P-LCC	×10 <sup>9</sup> /L	20 ±15	68 ±25	150 ±30	

**【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.



B0823L



B0823N



B0823H

# DM-3D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**

2023-07-14

2023-11-10

Applicable Instruments	Parameter	Unit	LOT B0823L	LOT B0823N	LOT B0823H
<b>DYMIND</b>  DH31 Vet DH36 Vet (Technical File Version A5.0 or higher)	<b>WBC</b>	×10 <sup>9</sup> /L	<b>1.94</b> ±0.60	<b>7.56</b> ±1.00	<b>19.98</b> ±2.50
	Lym%	%	58.1 ±9.0	29.4 ±8.0	13.8 ±8.0
	Gran%	%	33.0 ±9.0	64.1 ±8.0	83.0 ±8.0
	Mid%	%	8.9 ±8.9	6.5 ±6.0	3.2 ±3.2
	Lym#	×10 <sup>9</sup> /L	1.13 ±0.30	2.22 ±0.70	2.76 ±2.00
	Gran#	×10 <sup>9</sup> /L	0.64 ±0.30	4.85 ±0.70	16.58 ±2.00
	Mid#	×10 <sup>9</sup> /L	0.17 ±0.17	0.49 ±0.49	0.64 ±0.50
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.18</b> ±0.24	<b>4.53</b> ±0.24	<b>5.50</b> ±0.30
	<b>HGB</b>	g/L	<b>52</b> ±6	<b>125</b> ±6	<b>171</b> ±8
	HCT	%	17.6 ±2.0	41.0 ±3.0	54.8 ±4.0
	<b>MCV</b>	fL	<b>80.9</b> ±5.0	<b>90.6</b> ±5.0	<b>99.6</b> ±5.0
	MCH	pg	23.7 ±2.5	27.5 ±2.5	31.1 ±2.5
	MCHC	g/L	300 ±30	310 ±30	319 ±30
	RDW-CV	%	16.0 ±3.0	14.3 ±3.0	13.2 ±3.0
	RDW-SD	fL	50.6 ±8.0	50.4 ±8.0	51.0 ±8.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>64</b> ±20	<b>260</b> ±40	<b>515</b> ±60
	MPV	fL	10.5 ±3.0	10.3 ±3.0	10.7 ±3.0
	PDW	fL	11.5 ±3.0	10.8 ±3.0	11.6 ±3.0
PCT	%	0.069 ±0.069	0.279 ±0.200	0.572 ±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.



B0823L



B0823N



B0823H

# DM-3D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**

2023-07-14

2023-11-10

Applicable Instrument	Parameter	Unit	<b>LOT</b> B0823L	<b>LOT</b> B0823N	<b>LOT</b> B0823H
<b>DYMIND</b>  DH36X (Technical File Version A1.0 or higher)	<b>WBC</b>	×10 <sup>9</sup> /L	<b>2.02</b> ±0.60	<b>7.81</b> ±1.00	<b>20.46</b> ±2.50
	Lym%	%	66.6 ±9.0	35.5 ±8.0	16.4 ±8.0
	Gran%	%	29.1 ±9.0	59.7 ±8.0	77.3 ±8.0
	Mid%	%	4.3 ±4.3	4.8 ±4.8	6.3 ±4.0
	Lym#	×10 <sup>9</sup> /L	1.34 ±0.30	2.77 ±0.70	3.36 ±2.00
	Gran#	×10 <sup>9</sup> /L	0.59 ±0.30	4.67 ±0.70	15.81 ±2.00
	Mid#	×10 <sup>9</sup> /L	0.09 ±0.09	0.37 ±0.37	1.29 ±0.50
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.28</b> ±0.24	<b>4.72</b> ±0.24	<b>5.68</b> ±0.30
	<b>HGB</b>	g/L	<b>55</b> ±6	<b>134</b> ±6	<b>183</b> ±8
	HCT	%	17.8 ±2.0	41.1 ±3.0	54.3 ±4.0
	<b>MCV</b>	fL	<b>78.2</b> ±5.0	<b>87.1</b> ±5.0	<b>95.6</b> ±5.0
	MCH	pg	23.3 ±2.5	27.5 ±2.5	31.3 ±2.5
	MCHC	g/L	309 ±30	325 ±30	340 ±30
	RDW-CV	%	17.0 ±3.0	15.2 ±3.0	14.1 ±3.0
	RDW-SD	fL	48.5 ±8.0	48.2 ±8.0	48.8 ±8.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>65</b> ±20	<b>263</b> ±40	<b>511</b> ±60
	MPV	fL	9.6 ±3.0	9.6 ±3.0	10.0 ±3.0
	PDW	fL	13.1 ±3.0	12.9 ±3.0	13.9 ±3.0
	PCT	%	0.062 ±0.062	0.255 ±0.200	0.512 ±0.200
	P-LCR	%	29.6 ±10.0	29.4 ±10.0	32.6 ±10.0
P-LCC	×10 <sup>9</sup> /L	19 ±15	78 ±25	167 ±30	

**【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.



B0823L



B0823N



B0823H