



# DM-3D

## HEMATOLOGY CONTROL

**CONTROL**

LOT B0222

 2022-01-11

 2022-05-10

Instrument	Parameter	Unit	Low		Normal		High	
DYMIND	<b>WBC</b>	$\times 10^9/L$	<b>1.96</b>	$\pm 0.60$	<b>7.84</b>	$\pm 1.00$	<b>21.31</b>	$\pm 2.50$
DH31	Lym%	%	57.0	$\pm 9.0$	30.5	$\pm 8.0$	12.3	$\pm 8.0$
DH33	Gran%	%	29.7	$\pm 9.0$	60.1	$\pm 8.0$	81.0	$\pm 8.0$
DH36	Mid%	%	13.3	$\pm 10.0$	9.4	$\pm 6.0$	6.7	$\pm 4.0$
(Technical File Version A5.0 or higher)	Lym#	$\times 10^9/L$	1.12	$\pm 0.30$	2.39	$\pm 0.70$	2.62	$\pm 2.00$
	Gran#	$\times 10^9/L$	0.58	$\pm 0.30$	4.71	$\pm 0.70$	17.26	$\pm 2.00$
DH31Vet	Mid#	$\times 10^9/L$	0.26	$\pm 0.20$	0.74	$\pm 0.50$	1.43	$\pm 0.50$
DH36Vet	<b>RBC</b>	$\times 10^{12}/L$	<b>2.41</b>	$\pm 0.24$	<b>4.89</b>	$\pm 0.24$	<b>6.02</b>	$\pm 0.30$
(Technical File Version A1.0 to A4.0)	<b>HGB</b>	g/L	<b>58</b>	$\pm 6$	<b>138</b>	$\pm 6$	<b>190</b>	$\pm 8$
	HCT	%	18.5	$\pm 2.0$	43.9	$\pm 3.0$	59.1	$\pm 4.0$
	<b>MCV</b>	fL	<b>77.0</b>	$\pm 5.0$	<b>89.9</b>	$\pm 5.0$	<b>98.2</b>	$\pm 5.0$
	MCH	pg	24.2	$\pm 2.5$	28.3	$\pm 2.5$	31.5	$\pm 2.5$
	MCHC	g/L	315	$\pm 30$	315	$\pm 30$	321	$\pm 30$
	RDW-CV	%	17.6	$\pm 3.0$	17.0	$\pm 3.0$	15.8	$\pm 3.0$
	RDW-SD	fL	45.6	$\pm 8.0$	51.6	$\pm 8.0$	52.5	$\pm 8.0$
	<b>PLT</b>	$\times 10^9/L$	<b>69</b>	$\pm 20$	<b>269</b>	$\pm 40$	<b>535</b>	$\pm 60$
	MPV	fL	9.1	$\pm 3.0$	9.7	$\pm 3.0$	9.6	$\pm 3.0$
	PDW	fL	11.2	$\pm 3.0$	12.5	$\pm 3.0$	12.8	$\pm 3.0$
	PCT	%	0.063	$\pm 0.063$	0.261	$\pm 0.200$	0.514	$\pm 0.200$
	P-LCR	%	21.8	$\pm 10.0$	25.2	$\pm 10.0$	25.0	$\pm 10.0$
	P-LCC	$\times 10^9/L$	15	$\pm 15$	68	$\pm 25$	134	$\pm 30$
	PDW	/	16.0	$\pm 3.0$	16.2	$\pm 3.0$	16.4	$\pm 3.0$

**【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 (15~30°C).
3. Controls must be well mixed before using. Please mix gently, to avoid cells rupture and/or generating bubbles.
4. After using, put the controls back into the refrigerator to prevent contamination and evaporation.



Low



Normal



High

# DM-3D

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**CONTROL**

LOT B0222

2022-01-11

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Instrument	Parameter	Unit	Low		Normal		High	
DYMIND	<b>WBC</b>	×10 <sup>9</sup> /L	<b>1.99</b>	±0.60	<b>7.86</b>	±1.00	<b>20.94</b>	±2.50
DH20	Lym%	%	58.8	±9.0	30.4	±8.0	12.1	±8.0
DH21	Gran%	%	29.5	±9.0	62.4	±8.0	83.3	±8.0
DH22	Mid%	%	11.7	±10.0	7.2	±6.0	4.6	±4.0
DH23	Lym#	×10 <sup>9</sup> /L	1.17	±0.30	2.39	±0.70	2.53	±2.00
DH25	Gran#	×10 <sup>9</sup> /L	0.59	±0.30	4.90	±0.70	17.45	±2.00
DH26	Mid#	×10 <sup>9</sup> /L	0.23	±0.20	0.57	±0.50	0.96	±0.50
(Technical File Version A1.0 or higher)	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.40</b>	±0.24	<b>4.78</b>	±0.24	<b>5.79</b>	±0.30
	<b>HGB</b>	g/L	<b>56</b>	±6	<b>137</b>	±6	<b>188</b>	±8
	HCT	%	17.6	±2.0	39.4	±3.0	51.9	±4.0
	<b>MCV</b>	fL	<b>73.1</b>	±5.0	<b>82.5</b>	±5.0	<b>89.6</b>	±5.0
	MCH	pg	23.3	±2.5	28.7	±2.5	32.5	±2.5
	MCHC	g/L	318	±30	348	±30	362	±30
	RDW-CV	%	16.8	±3.0	15.5	±3.0	14.1	±3.0
	RDW-SD	fL	46.0	±8.0	47.5	±8.0	47.1	±8.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>63</b>	±20	<b>270</b>	±40	<b>545</b>	±60
	MPV	fL	10.1	±3.0	10.2	±3.0	10.1	±3.0
	PDW	fL	10.3	±3.0	11.3	±3.0	11.8	±3.0
	PCT	%	0.064	±0.064	0.275	±0.200	0.551	±0.200
	P-LCR	%	26.9	±10.0	28.5	±10.0	28.1	±10.0
	P-LCC	×10 <sup>9</sup> /L	17	±15	77	±25	153	±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 (15~30°C).
3. Controls must be well mixed before using. Please mix gently, to avoid cells rupture and/or generating bubbles.
4. After using, put the controls back into the refrigerator to prevent contamination and evaporation.



Low



Normal



High

# DM-3D

## HEMATOLOGY CONTROL

**CONTROL**

LOT B0222

2022-01-11

2022-05-10

Instrument	Parameter	Unit	Low		Normal		High	
DYMIND DH31Vet DH36Vet (Technical File Version A5.0 or higher)	<b>WBC</b>	×10 <sup>9</sup> /L	<b>1.85</b>	±0.60	<b>7.50</b>	±1.00	<b>20.14</b>	±2.50
	Lym%	%	54.8	±9.0	28.9	±8.0	11.5	±8.0
	Gran%	%	30.3	±9.0	61.3	±8.0	82.4	±8.0
	Mid%	%	14.9	±10.0	9.8	±6.0	6.1	±4.0
	Lym#	×10 <sup>9</sup> /L	1.01	±0.30	2.16	±0.70	2.31	±2.00
	Gran#	×10 <sup>9</sup> /L	0.56	±0.30	4.60	±0.70	16.60	±2.00
	Mid#	×10 <sup>9</sup> /L	0.28	±0.20	0.74	±0.50	1.23	±0.50
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.30</b>	±0.24	<b>4.62</b>	±0.24	<b>5.61</b>	±0.30
	<b>HGB</b>	g/L	<b>55</b>	±6	<b>131</b>	±6	<b>179</b>	±8
	HCT	%	18.3	±2.0	41.8	±3.0	55.1	±4.0
	<b>MCV</b>	fL	<b>79.6</b>	±5.0	<b>90.5</b>	±5.0	<b>98.4</b>	±5.0
	MCH	pg	24.0	±2.5	28.4	±2.5	31.9	±2.5
	MCHC	g/L	302	±30	314	±30	324	±30
	RDW-CV	%	16.3	±3.0	14.7	±3.0	13.4	±3.0
	RDW-SD	fL	51.4	±8.0	52.4	±8.0	51.8	±8.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>64</b>	±20	<b>261</b>	±40	<b>529</b>	±60
	MPV	fL	11.0	±3.0	11.6	±3.0	11.4	±3.0
	PDW	fL	11.1	±3.0	11.9	±3.0	12.2	±3.0
PCT	%	0.070	±0.070	0.303	±0.200	0.603	±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 (15~30°C).
3. Controls must be well mixed before using. Please mix gently, to avoid cells rupture and/or generating bubbles.
4. After using, put the controls back into the refrigerator to prevent contamination and evaporation.



Low



Normal




High


# DM-3D

## HEMATOLOGY CONTROL

### CONTROL

LOT B0222

 2022-01-11

 2022-05-10

Instrument	Parameter	Unit	Low		Normal		High	
DYMIND  DH36X  (Technical File Version A1.0 or higher)	<b>WBC</b>	×10 <sup>9</sup> /L	<b>1.92</b>	±0.60	<b>7.73</b>	±1.00	<b>20.88</b>	±2.50
	Lym%	%	67.1	±9.0	36.0	±8.0	16.4	±8.0
	Gran%	%	29.9	±9.0	61.4	±8.0	81.4	±8.0
	Mid%	%	3.0	±3.0	2.6	±2.6	2.2	±2.2
	Lym#	×10 <sup>9</sup> /L	1.29	±0.30	2.78	±0.70	3.42	±2.00
	Gran#	×10 <sup>9</sup> /L	0.57	±0.30	4.75	±0.70	17.00	±2.00
	Mid#	×10 <sup>9</sup> /L	0.06	±0.06	0.20	±0.20	0.46	±0.46
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.36</b>	±0.24	<b>4.68</b>	±0.24	<b>5.63</b>	±0.30
	<b>HGB</b>	g/L	<b>57</b>	±6	<b>135</b>	±6	<b>183</b>	±8
	HCT	%	18.1	±2.0	40.6	±3.0	52.9	±4.0
	<b>MCV</b>	fL	<b>76.5</b>	±5.0	<b>86.8</b>	±5.0	<b>94.0</b>	±5.0
	MCH	pg	24.0	±2.5	28.9	±2.5	32.5	±2.5
	MCHC	g/L	314	±30	333	±30	346	±30
	RDW-CV	%	17.3	±3.0	15.5	±3.0	14.1	±3.0
	RDW-SD	fL	48.9	±8.0	49.7	±8.0	49.2	±8.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>65</b>	±20	<b>262</b>	±40	<b>529</b>	±60
	MPV	fL	9.4	±3.0	10.0	±3.0	9.9	±3.0
	PDW	fL	12.6	±3.0	13.4	±3.0	13.9	±3.0
	PCT	%	0.061	±0.061	0.262	±0.200	0.524	±0.200
P-LCR	%	29.1	±10.0	32.8	±10.0	32.3	±10.0	
P-LCC	×10 <sup>9</sup> /L	19	±15	86	±25	171	±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 (15~30°C).
3. Controls must be well mixed before using. Please mix gently, to avoid cells rupture and/or generating bubbles.
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