

# DM-3D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**

2022-10-14

2023-02-10

Applicable Instruments	Parameter	Unit	LOT B112205L	LOT B112205N	LOT B112205H
<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>1.92</b> ±0.60	<b>7.79</b> ±1.00	<b>21.95</b> ±2.50
	Lym%	%	63.5 ±9.0	41.3 ±8.0	14.2 ±8.0
	Gran%	%	28.4 ±9.0	52.9 ±8.0	80.2 ±8.0
	Mid%	%	8.1 ±8.1	5.8 ±5.8	5.6 ±4.0
	Lym#	×10 <sup>9</sup> /L	1.21 ±0.30	3.22 ±0.70	3.12 ±2.00
	Gran#	×10 <sup>9</sup> /L	0.55 ±0.30	4.12 ±0.70	17.60 ±2.00
	Mid#	×10 <sup>9</sup> /L	0.16 ±0.16	0.45 ±0.45	1.23 ±0.50
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.37</b> ±0.24	<b>4.67</b> ±0.24	<b>5.98</b> ±0.30
	<b>HGB</b>	g/L	<b>47</b> ±6	<b>139</b> ±6	<b>193</b> ±8
	HCT	%	15.5 ±2.0	43.5 ±3.0	58.5 ±4.0
	<b>MCV</b>	fL	<b>65.2</b> ±5.0	<b>93.3</b> ±5.0	<b>97.7</b> ±5.0
	MCH	pg	19.7 ±2.5	29.9 ±2.5	32.2 ±2.5
	MCHC	g/L	306 ±30	321 ±30	329 ±30
	RDW-CV	%	18.8 ±3.0	15.2 ±3.0	16.0 ±3.0
	RDW-SD	fL	42.8 ±8.0	49.5 ±8.0	52.6 ±8.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>61</b> ±20	<b>211</b> ±40	<b>556</b> ±60
	MPV	fL	9.2 ±3.0	9.1 ±3.0	9.5 ±3.0
	PDW	fL	7.3 ±3.0	7.8 ±3.0	12.4 ±3.0
	PCT	%	0.057 ±0.057	0.192 ±0.192	0.528 ±0.200
	P-LCR	%	16.3 ±10.0	14.7 ±10.0	23.4 ±10.0
P-LCC	×10 <sup>9</sup> /L	10 ±10	31 ±25	130 ±30	
PDW	/	13.8 ±3.0	14.1 ±3.0	16.4 ±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.



B112205L



B112205N



B112205H

# DM-3D

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**CONTROL**

2022-10-14

2023-02-10

Applicable Instruments	Parameter	Unit	LOT B112205L	LOT B112205N	LOT B112205H
<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>1.95</b> ±0.60	<b>7.86</b> ±1.00	<b>21.52</b> ±2.50
	Lym%	%	62.5 ±9.0	40.6 ±8.0	13.8 ±8.0
	Gran%	%	30.8 ±9.0	55.1 ±8.0	82.2 ±8.0
	Mid%	%	6.7 ±6.7	4.3 ±4.3	4.0 ±4.0
	Lym#	×10 <sup>9</sup> /L	1.22 ±0.30	3.19 ±0.70	2.97 ±2.00
	Gran#	×10 <sup>9</sup> /L	0.60 ±0.30	4.33 ±0.70	17.69 ±2.00
	Mid#	×10 <sup>9</sup> /L	0.13 ±0.13	0.34 ±0.34	0.86 ±0.50
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.32</b> ±0.24	<b>4.46</b> ±0.24	<b>5.80</b> ±0.30
	<b>HGB</b>	g/L	<b>48</b> ±6	<b>136</b> ±6	<b>190</b> ±8
	HCT	%	14.7 ±2.0	38.9 ±3.0	51.7 ±4.0
	<b>MCV</b>	fL	<b>63.2</b> ±5.0	<b>87.3</b> ±5.0	<b>89.2</b> ±5.0
	MCH	pg	20.6 ±2.5	30.6 ±2.5	32.8 ±2.5
	MCHC	g/L	320 ±30	351 ±30	368 ±30
	RDW-CV	%	18.5 ±3.0	13.8 ±3.0	14.4 ±3.0
	RDW-SD	fL	46.0 ±8.0	47.0 ±8.0	47.6 ±8.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>57</b> ±20	<b>214</b> ±40	<b>566</b> ±60
	MPV	fL	10.3 ±3.0	10.2 ±3.0	10.2 ±3.0
	PDW	fL	7.1 ±3.0	7.6 ±3.0	11.8 ±3.0
	PCT	%	0.058 ±0.058	0.218 ±0.200	0.577 ±0.200
	P-LCR	%	22.9 ±10.0	22.4 ±10.0	27.7 ±10.0
P-LCC	×10 <sup>9</sup> /L	13 ±13	48 ±25	157 ±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.



B112205L



B112205N



B112205H

# DM-3D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**

2022-10-14

2023-02-10

Applicable Instruments	Parameter	Unit	LOT B112205L	LOT B112205N	LOT B112205H
DYMIND  DH31 Vet DH36 Vet (Technical File Version A5.0 or higher)	<b>WBC</b>	×10 <sup>9</sup> /L	<b>1.80</b> ±0.60	<b>7.40</b> ±1.00	<b>20.86</b> ±2.50
	Lym%	%	60.5 ±9.0	40.3 ±8.0	13.3 ±8.0
	Gran%	%	29.9 ±9.0	53.2 ±8.0	83.1 ±8.0
	Mid%	%	9.6 ±9.6	6.5 ±6.0	3.6 ±3.6
	Lym#	×10 <sup>9</sup> /L	1.09 ±0.30	2.98 ±0.70	2.77 ±2.00
	Gran#	×10 <sup>9</sup> /L	0.54 ±0.30	3.94 ±0.70	17.34 ±2.00
	Mid#	×10 <sup>9</sup> /L	0.17 ±0.17	0.48 ±0.48	0.75 ±0.50
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.23</b> ±0.24	<b>4.27</b> ±0.24	<b>5.65</b> ±0.30
	<b>HGB</b>	g/L	<b>48</b> ±6	<b>132</b> ±6	<b>181</b> ±8
	HCT	%	15.2 ±2.0	40.8 ±3.0	55.8 ±4.0
	<b>MCV</b>	fL	<b>68.4</b> ±5.0	<b>95.5</b> ±5.0	<b>98.9</b> ±5.0
	MCH	pg	21.4 ±2.5	31.0 ±2.5	32.0 ±2.5
	MCHC	g/L	315 ±30	324 ±30	324 ±30
	RDW-CV	%	17.9 ±3.0	13.3 ±3.0	13.7 ±3.0
	RDW-SD	fL	50.1 ±8.0	51.0 ±8.0	52.4 ±8.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>52</b> ±20	<b>201</b> ±40	<b>557</b> ±60
	MPV	fL	10.8 ±3.0	11.2 ±3.0	11.4 ±3.0
	PDW	fL	6.8 ±3.0	7.1 ±3.0	12.0 ±3.0
PCT	%	0.057 ±0.057	0.225 ±0.200	0.635 ±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.



B112205L



B112205N



B112205H

# DM-3D

## HEMATOLOGY CONTROL

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**CONTROL**

2022-10-14

2023-02-10

Applicable Instruments	Parameter	Unit	LOT B112205L	LOT B112205N	LOT B112205H
DYMIND  DH36X (Technical File Version A1.0 or higher)	<b>WBC</b>	×10 <sup>9</sup> /L	<b>1.92</b> ±0.60	<b>7.77</b> ±1.00	<b>21.67</b> ±2.50
	Lym%	%	66.9 ±9.0	44.0 ±8.0	16.9 ±8.0
	Gran%	%	30.9 ±9.0	54.6 ±8.0	79.1 ±8.0
	Mid%	%	2.2 ±2.2	1.4 ±1.4	4.0 ±4.0
	Lym#	×10 <sup>9</sup> /L	1.29 ±0.30	3.42 ±0.70	3.66 ±2.00
	Gran#	×10 <sup>9</sup> /L	0.59 ±0.30	4.24 ±0.70	17.14 ±2.00
	Mid#	×10 <sup>9</sup> /L	0.04 ±0.04	0.11 ±0.11	0.87 ±0.50
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.29</b> ±0.24	<b>4.30</b> ±0.24	<b>5.72</b> ±0.30
	<b>HGB</b>	g/L	<b>50</b> ±6	<b>138</b> ±6	<b>187</b> ±8
	HCT	%	15.0 ±2.0	38.9 ±3.0	53.4 ±4.0
	<b>MCV</b>	fL	<b>65.5</b> ±5.0	<b>90.4</b> ±5.0	<b>93.4</b> ±5.0
	MCH	pg	21.7 ±2.5	32.0 ±2.5	32.6 ±2.5
	MCHC	g/L	331 ±30	353 ±30	349 ±30
	RDW-CV	%	19.1 ±3.0	14.1 ±3.0	14.5 ±3.0
	RDW-SD	fL	48.6 ±8.0	49.2 ±8.0	49.9 ±8.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>58</b> ±20	<b>207</b> ±40	<b>561</b> ±60
	MPV	fL	9.4 ±3.0	9.8 ±3.0	10.0 ±3.0
	PDW	fL	8.4 ±3.0	8.6 ±3.0	14.0 ±3.0
	PCT	%	0.054 ±0.054	0.203 ±0.200	0.561 ±0.200
	P-LCR	%	24.2 ±10.0	26.1 ±10.0	31.4 ±10.0
P-LCC	×10 <sup>9</sup> /L	14 ±14	54 ±25	176 ±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.



B112205L



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B112205H