

# CBC-3D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**

LOT B1122

2022-10-09

2023-02-05

Applicable Instrument	Parameter	Unit	Low	Normal	High
<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>2.09</b> ±0.60	/ /	<b>21.95</b> ±2.50
	Lym%	%	62.4 ±9.0	/ /	14.2 ±8.0
	Gran%	%	27.3 ±9.0	/ /	80.2 ±8.0
	Mid%	%	10.3 ±10.0	/ /	5.6 ±4.0
	Lym#	×10 <sup>9</sup> /L	1.30 ±0.30	/ /	3.12 ±2.00
	Gran#	×10 <sup>9</sup> /L	0.57 ±0.30	/ /	17.60 ±2.00
	Mid#	×10 <sup>9</sup> /L	0.22 ±0.20	/ /	1.23 ±0.50
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.39</b> ±0.24	/ /	<b>5.98</b> ±0.30
	<b>HGB</b>	g/L	<b>57</b> ±6	/ /	<b>193</b> ±8
	HCT	%	18.1 ±2.0	/ /	58.5 ±4.0
	<b>MCV</b>	fL	<b>75.7</b> ±5.0	/ /	<b>97.7</b> ±5.0
	MCH	pg	23.6 ±2.5	/ /	32.2 ±2.5
	MCHC	g/L	313 ±30	/ /	329 ±30
	RDW-CV	%	17.5 ±3.0	/ /	16.0 ±3.0
	RDW-SD	fL	44.8 ±8.0	/ /	52.6 ±8.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>76</b> ±20	/ /	<b>556</b> ±60
	MPV	fL	9.7 ±3.0	/ /	9.5 ±3.0
	PDW	fL	12.2 ±3.0	/ /	12.4 ±3.0
	PCT	%	0.074 ±0.074	/ /	0.528 ±0.200
	P-LCR	%	26.4 ±10.0	/ /	23.4 ±10.0
P-LCC	×10 <sup>9</sup> /L	20 ±15	/ /	130 ±30	
PDW	/	16.1 ±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.



Low



High

# CBC-3D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**

LOT B1122

2022-10-09

2023-02-05

Applicable Instrument	Parameter	Unit	Low	Normal	High
<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>2.13</b> ±0.60	/ /	<b>21.52</b> ±2.50
	Lym%	%	63.4 ±9.0	/ /	13.8 ±8.0
	Gran%	%	27.5 ±9.0	/ /	82.2 ±8.0
	Mid%	%	9.1 ±9.1	/ /	4.0 ±4.0
	Lym#	×10 <sup>9</sup> /L	1.36 ±0.30	/ /	2.97 ±2.00
	Gran#	×10 <sup>9</sup> /L	0.58 ±0.30	/ /	17.69 ±2.00
	Mid#	×10 <sup>9</sup> /L	0.19 ±0.19	/ /	0.86 ±0.50
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.39</b> ±0.24	/ /	<b>5.80</b> ±0.30
	<b>HGB</b>	g/L	<b>57</b> ±6	/ /	<b>190</b> ±8
	HCT	%	17.6 ±2.0	/ /	51.7 ±4.0
	<b>MCV</b>	fL	<b>73.7</b> ±5.0	/ /	<b>89.2</b> ±5.0
	MCH	pg	23.7 ±2.5	/ /	32.8 ±2.5
	MCHC	g/L	321 ±30	/ /	368 ±30
	RDW-CV	%	16.8 ±3.0	/ /	14.4 ±3.0
	RDW-SD	fL	45.7 ±8.0	/ /	47.6 ±8.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>70</b> ±20	/ /	<b>566</b> ±60
	MPV	fL	10.7 ±3.0	/ /	10.2 ±3.0
	PDW	fL	11.5 ±3.0	/ /	11.8 ±3.0
	PCT	%	0.075 ±0.075	/ /	0.577 ±0.200
	P-LCR	%	32.9 ±10.0	/ /	27.7 ±10.0
P-LCC	×10 <sup>9</sup> /L	23 ±15	/ /	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.



Low



High

# CBC-3D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**

LOT B1122

2022-10-09

2023-02-05

Applicable Instrument	Parameter	Unit	Low	Normal	High
<b>DYMIND</b>  DH31 Vet DH36 Vet (Technical File Version A5.0 or higher)	<b>WBC</b>	×10 <sup>9</sup> /L	<b>2.04</b> ±0.60	/ /	<b>20.86</b> ±2.50
	Lym%	%	59.8 ±9.0	/ /	13.3 ±8.0
	Gran%	%	29.1 ±9.0	/ /	83.1 ±8.0
	Mid%	%	11.1 ±10.0	/ /	3.6 ±3.6
	Lym#	×10 <sup>9</sup> /L	1.22 ±0.30	/ /	2.77 ±2.00
	Gran#	×10 <sup>9</sup> /L	0.59 ±0.30	/ /	17.34 ±2.00
	Mid#	×10 <sup>9</sup> /L	0.23 ±0.20	/ /	0.75 ±0.50
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.29</b> ±0.24	/ /	<b>5.65</b> ±0.30
	<b>HGB</b>	g/L	<b>55</b> ±6	/ /	<b>181</b> ±8
	HCT	%	18.4 ±2.0	/ /	55.8 ±4.0
	<b>MCV</b>	fL	<b>80.1</b> ±5.0	/ /	<b>98.9</b> ±5.0
	MCH	pg	24.0 ±2.5	/ /	32.0 ±2.5
	MCHC	g/L	299 ±30	/ /	324 ±30
	RDW-CV	%	16.3 ±3.0	/ /	13.7 ±3.0
	RDW-SD	fL	51.0 ±8.0	/ /	52.4 ±8.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>69</b> ±20	/ /	<b>557</b> ±60
	MPV	fL	11.4 ±3.0	/ /	11.4 ±3.0
	PDW	fL	11.9 ±3.0	/ /	12.0 ±3.0
PCT	%	0.079 ±0.079	/ /	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.



Low



High

# CBC-3D

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**

LOT B1122

2022-10-09

2023-02-05

Applicable Instrument	Parameter	Unit	Low	Normal	High
<b>DYMIND</b>  DH36X (Technical File Version A1.0 or higher)	<b>WBC</b>	×10 <sup>9</sup> /L	<b>2.14</b> ±0.60	/ /	<b>21.67</b> ±2.50
	Lym%	%	67.7 ±9.0	/ /	16.9 ±8.0
	Gran%	%	28.1 ±9.0	/ /	79.1 ±8.0
	Mid%	%	4.2 ±4.2	/ /	4.0 ±4.0
	Lym#	×10 <sup>9</sup> /L	1.45 ±0.30	/ /	3.66 ±2.00
	Gran#	×10 <sup>9</sup> /L	0.60 ±0.30	/ /	17.14 ±2.00
	Mid#	×10 <sup>9</sup> /L	0.09 ±0.09	/ /	0.87 ±0.50
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.38</b> ±0.24	/ /	<b>5.72</b> ±0.30
	<b>HGB</b>	g/L	<b>56</b> ±6	/ /	<b>187</b> ±8
	HCT	%	18.1 ±2.0	/ /	53.4 ±4.0
	<b>MCV</b>	fL	<b>76.3</b> ±5.0	/ /	<b>93.4</b> ±5.0
	MCH	pg	23.7 ±2.5	/ /	32.6 ±2.5
	MCHC	g/L	311 ±30	/ /	349 ±30
	RDW-CV	%	17.3 ±3.0	/ /	14.5 ±3.0
	RDW-SD	fL	48.6 ±8.0	/ /	49.9 ±8.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>72</b> ±20	/ /	<b>561</b> ±60
	MPV	fL	9.8 ±3.0	/ /	10.0 ±3.0
	PDW	fL	13.4 ±3.0	/ /	14.0 ±3.0
	PCT	%	0.071 ±0.071	/ /	0.561 ±0.200
	P-LCR	%	31.9 ±10.0	/ /	31.4 ±10.0
P-LCC	×10 <sup>9</sup> /L	23 ±15	/ /	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.



Low



High