

# CBC-DH

## HEMATOLOGY CONTROL

Reference Values provided by DYMIND

**CONTROL**

LOT DH2305

2023-04-07

2023-07-05

Applicable Instruments	Parameter	Unit	Low	Normal	High
<b>DYMIND</b>  DF50 DF51 DF52 DF53 DF55 DF56 (Technical File Version A12.0 or higher)	<b>WBC</b>	×10 <sup>9</sup> /L	<b>3.71</b> ±0.50	<b>8.53</b> ±1.00	<b>19.46</b> ±2.50
	Neu%	%	49.2 ±9.0	57.3 ±8.0	63.2 ±7.0
	Lym%	%	40.2 ±9.0	29.6 ±8.0	20.1 ±6.0
	Mon%	%	4.7 ±4.0	4.4 ±4.4	5.2 ±5.2
	Eos%	%	5.9 ±5.0	8.7 ±6.0	11.5 ±7.0
	Bas%	%	5.8 ±5.8	5.1 ±5.1	4.4 ±4.4
	Neu#	×10 <sup>9</sup> /L	1.83 ±0.40	4.89 ±0.70	12.30 ±1.40
	Lym#	×10 <sup>9</sup> /L	1.49 ±0.40	2.53 ±0.70	3.91 ±1.10
	Mon#	×10 <sup>9</sup> /L	0.17 ±0.14	0.38 ±0.38	1.01 ±1.01
	Eos#	×10 <sup>9</sup> /L	0.22 ±0.15	0.74 ±0.50	2.24 ±1.30
	Bas#	×10 <sup>9</sup> /L	0.22 ±0.22	0.44 ±0.44	0.86 ±0.86
	<b>RBC</b>	×10 <sup>12</sup> /L	<b>2.34</b> ±0.18	<b>4.69</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	%	18.2 ±2.0	40.4 ±3.0	49.6 ±4.0
	<b>MCV</b>	fL	<b>77.9</b> ±5.0	<b>86.1</b> ±5.0	<b>92.5</b> ±6.0
	MCH	pg	24.4 ±2.5	28.4 ±2.5	31.6 ±2.5
	MCHC	g/L	314 ±30	330 ±30	341 ±30
	RDW-CV	%	16.0 ±3.0	15.0 ±3.0	14.3 ±3.0
	RDW-SD	fL	51.9 ±10.0	54.3 ±10.0	55.9 ±12.0
	<b>PLT</b>	×10 <sup>9</sup> /L	<b>67</b> ±20	<b>259</b> ±40	<b>453</b> ±60
	MPV	fL	9.4 ±3.0	9.3 ±3.0	9.7 ±3.0
PDW	fL	12.3 ±3.0	12.8 ±3.0	13.6 ±3.0	
PCT	%	0.063 ±0.050	0.241 ±0.100	0.439 ±0.200	
P-LCR	%	31.6 ±8.0	32.4 ±8.0	34.9 ±8.0	
P-LCC	×10 <sup>9</sup> /L	21 ±15	84 ±25	158 ±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



Low



Normal



High