

CBC-DH

HEMATOLOGY CONTROL

Reference Values provided by DYMIND

CONTROL

LOT DH2401

 2023-12-07

 2024-03-05

Applicable Instruments	Parameter	Unit	Low	Normal	High
DYMIND DF50 DF51 DF52 DF53 DF55 DF56 (Technical File Version A12.0 or higher)	WBC	$\times 10^9/L$	3.65 ± 0.50	8.48 ± 1.00	19.35 ± 2.50
	Neu%	%	50.0 ± 9.0	53.3 ± 8.0	61.8 ± 7.0
	Lym%	%	41.0 ± 9.0	32.9 ± 8.0	21.3 ± 6.0
	Mon%	%	3.5 ± 3.5	4.6 ± 4.6	6.0 ± 6.0
	Eos%	%	5.5 ± 5.0	9.2 ± 6.0	10.9 ± 7.0
	Bas%	%	3.7 ± 3.7	2.7 ± 2.7	1.8 ± 1.8
	Neu#	$\times 10^9/L$	1.83 ± 0.40	4.52 ± 0.70	11.96 ± 1.40
	Lym#	$\times 10^9/L$	1.50 ± 0.40	2.79 ± 0.70	4.12 ± 1.10
	Mon#	$\times 10^9/L$	0.13 ± 0.13	0.39 ± 0.39	1.16 ± 1.10
	Eos#	$\times 10^9/L$	0.20 ± 0.15	0.78 ± 0.50	2.11 ± 1.30
	Bas#	$\times 10^9/L$	0.14 ± 0.14	0.23 ± 0.23	0.35 ± 0.35
	RBC	$\times 10^{12}/L$	2.30 ± 0.18	4.61 ± 0.24	5.23 ± 0.50
	HGB	g/L	58 ± 4	135 ± 6	168 ± 8
	HCT	%	18.6 ± 2.0	41.6 ± 3.0	50.1 ± 4.0
	MCV	fL	80.7 ± 5.0	90.1 ± 5.0	95.8 ± 6.0
	MCH	pg	25.4 ± 2.5	29.6 ± 2.5	32.5 ± 2.5
	MCHC	g/L	324 ± 30	338 ± 30	348 ± 30
	RDW-CV	%	15.6 ± 3.0	13.7 ± 3.0	13.3 ± 3.0
	RDW-SD	fL	52.1 ± 10.0	51.9 ± 10.0	53.5 ± 12.0
	PLT	$\times 10^9/L$	60 ± 20	256 ± 40	476 ± 60
MPV	fL	9.2 ± 3.0	9.4 ± 3.0	9.1 ± 3.0	
PDW	fL	10.7 ± 3.0	12.6 ± 3.0	12.0 ± 3.0	
PCT	%	0.055 ± 0.050	0.241 ± 0.100	0.433 ± 0.200	
P-LCR	%	28.5 ± 8.0	32.9 ± 8.0	30.4 ± 8.0	
P-LCC	$\times 10^9/L$	17 ± 15	83 ± 25	139 ± 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