

CBC-DH

HEMATOLOGY CONTROL

Reference Values provided by DYMIND

CONTROL

LOT DH2311

2023-10-08

2024-01-05

Applicable Instruments	Parameter	Unit	Low	Normal	High
DYMIND DF50 DF51 DF52 DF53 DF55 DF56 (Technical File Version A12.0 or higher)	WBC	×10 ⁹ /L	3.52 ±0.50	8.07 ±1.00	18.85 ±2.50
	Neu%	%	46.5 ±9.0	55.6 ±8.0	63.0 ±7.0
	Lym%	%	39.8 ±9.0	26.7 ±8.0	17.7 ±6.0
	Mon%	%	6.5 ±4.0	8.0 ±5.0	7.0 ±6.0
	Eos%	%	7.2 ±5.0	9.7 ±6.0	12.3 ±7.0
	Bas%	%	1.8 ±1.8	0.9 ±0.9	1.0 ±1.0
	Neu#	×10 ⁹ /L	1.64 ±0.40	4.49 ±0.70	11.88 ±1.40
	Lym#	×10 ⁹ /L	1.40 ±0.40	2.16 ±0.70	3.34 ±1.10
	Mon#	×10 ⁹ /L	0.23 ±0.14	0.65 ±0.50	1.32 ±1.10
	Eos#	×10 ⁹ /L	0.25 ±0.15	0.78 ±0.50	2.32 ±1.30
	Bas#	×10 ⁹ /L	0.06 ±0.06	0.07 ±0.07	0.19 ±0.19
	RBC	×10 ¹² /L	2.40 ±0.18	4.60 ±0.24	5.37 ±0.50
	HGB	g/L	59 ±4	134 ±6	172 ±8
	HCT	%	18.5 ±2.0	40.0 ±3.0	50.1 ±4.0
	MCV	fL	77.1 ±5.0	87.0 ±5.0	93.2 ±6.0
	MCH	pg	24.5 ±2.5	29.1 ±2.5	32.0 ±2.5
	MCHC	g/L	316 ±30	334 ±30	344 ±30
	RDW-CV	%	16.0 ±3.0	14.6 ±3.0	13.8 ±3.0
	RDW-SD	fL	52.7 ±10.0	54.2 ±10.0	55.1 ±12.0
	PLT	×10 ⁹ /L	67 ±20	256 ±40	463 ±60
	MPV	fL	8.7 ±3.0	8.7 ±3.0	9.3 ±3.0
PDW	fL	10.2 ±3.0	11.3 ±3.0	12.3 ±3.0	
PCT	%	0.058 ±0.050	0.223 ±0.100	0.430 ±0.200	
P-LCR	%	25.4 ±8.0	27.7 ±8.0	31.5 ±8.0	
P-LCC	×10 ⁹ /L	17 ±15	70 ±25	141 ±35	

【NOTE】

- 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.
- 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).
- Controls must be well mixed before using. Please mix gently, to avoid cells rupture and/or generating bubbles.
- After using, put the controls back into the refrigerator to prevent contamination and evaporation.
- P-LCC and P-LCR parameters are not applicable to DF50,DF51 and DF53 Instruments



Low



Normal



High