

CBC-DH

HEMATOLOGY CONTROL

Reference Values provided by DYMIND

CONTROL

LOT DH2301

2022-12-06

2023-03-05

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	3.46 ±0.50	8.38 ±1.00	18.90 ±2.50
	Neu%	%	51.1 ±9.0	56.4 ±8.0	64.3 ±7.0
	Lym%	%	37.9 ±9.0	30.3 ±8.0	19.2 ±6.0
	Mon%	%	5.4 ±4.0	4.5 ±4.5	5.2 ±5.2
	Eos%	%	5.6 ±5.0	8.8 ±6.0	11.3 ±7.0
	Bas%	%	3.3 ±3.3	2.7 ±2.7	2.2 ±2.2
	Neu#	×10 ⁹ /L	1.77 ±0.40	4.73 ±0.70	12.15 ±1.40
	Lym#	×10 ⁹ /L	1.31 ±0.40	2.54 ±0.70	3.63 ±1.10
	Mon#	×10 ⁹ /L	0.19 ±0.14	0.38 ±0.38	0.98 ±0.98
	Eos#	×10 ⁹ /L	0.19 ±0.15	0.74 ±0.50	2.14 ±1.30
	Bas#	×10 ⁹ /L	0.11 ±0.11	0.23 ±0.23	0.42 ±0.42
	RBC	×10 ¹² /L	2.33 ±0.18	4.60 ±0.24	5.28 ±0.50
	HGB	g/L	58 ±4	132 ±6	167 ±8
	HCT	%	17.8 ±2.0	38.9 ±3.0	47.8 ±4.0
	MCV	fL	76.2 ±5.0	84.5 ±5.0	90.6 ±6.0
	MCH	pg	24.9 ±2.5	28.6 ±2.5	31.7 ±2.5
	MCHC	g/L	331 ±30	344 ±30	355 ±30
	RDW-CV	%	15.4 ±3.0	14.8 ±3.0	14.3 ±3.0
	RDW-SD	fL	49.0 ±10.0	52.5 ±10.0	54.2 ±12.0
	PLT	×10 ⁹ /L	59 ±20	260 ±40	453 ±60
MPV	fL	9.1 ±3.0	9.2 ±3.0	9.6 ±3.0	
PDW	fL	11.1 ±3.0	12.0 ±3.0	12.8 ±3.0	
PCT	%	0.054 ±0.050	0.239 ±0.100	0.435 ±0.200	
P-LCR	%	27.2 ±8.0	30.7 ±8.0	32.9 ±8.0	
P-LCC	×10 ⁹ /L	16 ±15	80 ±25	149 ±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