

CBC-DH


HEMATOLOGY CONTROL

Reference Values provided by DYMIND

CONTROL

LOT DH2309

 2023-08-08

 2023-11-05

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	3.54 ±0.50	8.03 ±1.00	18.23 ±2.50
	Neu%	%	49.2 ±9.0	56.5 ±8.0	63.6 ±7.0
	Lym%	%	39.5 ±9.0	28.7 ±8.0	17.5 ±6.0
	Mon%	%	6.1 ±4.0	6.5 ±5.0	8.1 ±6.0
	Eos%	%	5.2 ±5.0	8.3 ±6.0	10.8 ±7.0
	Bas%	%	2.0 ±2.0	1.0 ±1.0	1.0 ±1.0
	Neu#	×10 ⁹ /L	1.74 ±0.40	4.54 ±0.70	11.60 ±1.40
	Lym#	×10 ⁹ /L	1.40 ±0.40	2.31 ±0.70	3.19 ±1.10
	Mon#	×10 ⁹ /L	0.22 ±0.14	0.52 ±0.50	1.48 ±1.10
	Eos#	×10 ⁹ /L	0.18 ±0.15	0.67 ±0.50	1.97 ±1.30
	Bas#	×10 ⁹ /L	0.07 ±0.07	0.08 ±0.08	0.18 ±0.18
	RBC	×10 ¹² /L	2.34 ±0.18	4.71 ±0.24	5.33 ±0.50
	HGB	g/L	58 ±4	133 ±6	168 ±8
	HCT	%	18.6 ±2.0	40.0 ±3.0	49.0 ±4.0
	MCV	fL	79.8 ±5.0	84.9 ±5.0	91.8 ±6.0
	MCH	pg	24.8 ±2.5	28.0 ±2.5	31.4 ±2.5
	MCHC	g/L	317 ±30	335 ±30	347 ±30
	RDW-CV	%	16.1 ±3.0	14.9 ±3.0	14.3 ±3.0
	RDW-SD	fL	53.7 ±10.0	53.2 ±10.0	55.4 ±12.0
	PLT	×10 ⁹ /L	60 ±20	256 ±40	471 ±60
	MPV	fL	9.1 ±3.0	9.3 ±3.0	9.4 ±3.0
PDW	fL	10.8 ±3.0	12.6 ±3.0	12.9 ±3.0	
PCT	%	0.055 ±0.050	0.239 ±0.100	0.443 ±0.200	
P-LCR	%	28.1 ±8.0	32.6 ±8.0	33.0 ±8.0	
P-LCC	×10 ⁹ /L	17 ±15	82 ±25	150 ±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