


# CBC-DH

## HEMATOLOGY CONTROLS

CONTROL
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LOT	E5197-02
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	2024-01-15
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Assay values and ranges provided by Wheisman

Instrument	Parameter	Unit	Low		Normal		High	
Wheisman  AC 610	WBC	$\times 10^9/L$	<b>3.40</b>	<b><math>\pm 0.50</math></b>	<b>8.03</b>	<b><math>\pm 1.00</math></b>	<b>18.76</b>	<b><math>\pm 2.50</math></b>
	NEU%	%	46.6	$\pm 10.0$	54.2	$\pm 8.0$	63.4	$\pm 8.0$
	LYM%	%	40.4	$\pm 10.0$	29.3	$\pm 8.0$	19.9	$\pm 8.0$
	MON%	%	4.3	$\pm 4.0$	6.1	$\pm 4.3$	4.8	$\pm 4.9$
	EOS%	%	8.7	$\pm 5.0$	10.5	$\pm 6.0$	12.0	$\pm 7.0$
	BAS%	%	59.0	$\pm 9.0$	70.3	$\pm 8.0$	79.4	$\pm 8.0$
	NEU#	$\times 10^9/L$	1.59	$\pm 0.45$	4.35	$\pm 0.70$	11.88	$\pm 1.40$
	LYM#	$\times 10^9/L$	1.37	$\pm 0.50$	2.35	$\pm 0.70$	3.73	$\pm 1.40$
	MON#	$\times 10^9/L$	0.15	$\pm 0.16$	0.49	$\pm 0.35$	0.91	$\pm 0.93$
	EOS#	$\times 10^9/L$	0.30	$\pm 0.23$	0.84	$\pm 0.70$	2.24	$\pm 1.50$
	BAS#	$\times 10^9/L$	2.01	$\pm 0.35$	5.65	$\pm 0.70$	14.90	$\pm 1.60$
	RBC	$\times 10^{12}/L$	<b>2.42</b>	<b><math>\pm 0.20</math></b>	<b>4.55</b>	<b><math>\pm 0.24</math></b>	<b>5.24</b>	<b><math>\pm 0.30</math></b>
	HGB	g/L	<b>60</b>	<b><math>\pm 5</math></b>	<b>133</b>	<b><math>\pm 6</math></b>	<b>167</b>	<b><math>\pm 8</math></b>
	MCHC	g/L	308	$\pm 30$	326	$\pm 30$	336	$\pm 30$
	MCH	pg	24.8	$\pm 2.5$	29.2	$\pm 2.5$	31.9	$\pm 2.5$
	MCV	fL	<b>80.5</b>	<b><math>\pm 5.0</math></b>	<b>89.8</b>	<b><math>\pm 5.0</math></b>	<b>94.9</b>	<b><math>\pm 6.0</math></b>
	RDW-CV	%	10.1	$\pm 3.0$	10.6	$\pm 3.0$	10.4	$\pm 3.0$
	RDW-SD	fL	27.9	$\pm 8.0$	33.9	$\pm 8.0$	36.4	$\pm 8.0$
	HCT	%	19.5	$\pm 2.0$	40.9	$\pm 3.0$	49.7	$\pm 4.0$
	PLT	$\times 10^9/L$	<b>75</b>	<b><math>\pm 20</math></b>	<b>278</b>	<b><math>\pm 40</math></b>	<b>535</b>	<b><math>\pm 60</math></b>
MPV	fL	<b>10.5</b>	<b><math>\pm 3.0</math></b>	<b>10.1</b>	<b><math>\pm 3.0</math></b>	<b>10.3</b>	<b><math>\pm 3.0</math></b>	
PDW	/	16.1	$\pm 3.0$	15.9	$\pm 3.0$	15.7	$\pm 3.0$	
PCT	%	0.08	$\pm 0.05$	0.28	$\pm 0.10$	0.55	$\pm 0.20$	
P-LCC	$\times 10^9/L$	27	$\pm 10$	98	$\pm 10$	190	$\pm 10$	
P-LCR	%	37	$\pm 13$	34	$\pm 25$	35	$\pm 35$	

**【NOTE】**

1. The controls should be stored in refrigerator ( $2^{\circ}\text{C}\sim 8^{\circ}\text{C}$ ). After opening, it will keep stable for 14 days when it is stored airtight at  $2^{\circ}\text{C}\sim 8^{\circ}\text{C}$ .
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 ( $15^{\circ}\text{C}\sim 30^{\circ}\text{C}$ ).
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.