


# CBC-DH

## HEMATOLOGY CONTROLS

**LOT** E5189-02

 2023-05-05

**Assay values and ranges provided by Wheisman**

Instrument	Parameter	Unit	Low		Normal		High	
AC 610 Vet DOG	WBC	×10 <sup>9</sup> /L	<b>3.65</b>	<b>±0.70</b>	<b>8.52</b>	<b>±2.0</b>	<b>20.02</b>	<b>±3.50</b>
	Neu%	%	47.9	±16.0	56.7	±8.0	64.4	±8.0
	Lym%	%	39.6	±21.0	29.0	±8.0	18.3	±8.0
	Mon%	%	6.5	±4.0	6.7	±4.0	7.3	±4.0
	Eos%	%	6.1	±6.1	7.5	±7.5	10.0	±10.0
	Bas%	%	59.6	±10.0	68.5	±10.0	77.6	±10.0
	Neu#	×10 <sup>9</sup> /L	1.75	±0.48	4.83	±0.65	12.89	±1.40
	Lym#	×10 <sup>9</sup> /L	1.44	±0.63	2.47	±0.65	3.67	±1.40
	Mon#	×10 <sup>9</sup> /L	0.24	±0.30	0.57	±0.32	1.45	±0.70
	Eos#	×10 <sup>9</sup> /L	0.22	±0.22	0.64	±0.64	2.01	±2.01
	Bas#	×10 <sup>9</sup> /L	2.18	±0.35	5.84	±0.80	15.53	±1.75
	RBC	×10 <sup>12</sup> /L	<b>2.21</b>	<b>±0.30</b>	<b>4.29</b>	<b>±0.44</b>	<b>5.12</b>	<b>±0.50</b>
	HGB	g/L	<b>60</b>	<b>±6</b>	<b>133</b>	<b>±6</b>	<b>171</b>	<b>±8</b>
	HCT	%	17.7	±2.0	37.0	±3.0	46.6	±4.0
	MCV	fL	<b>80.2</b>	<b>±5.0</b>	<b>86.4</b>	<b>±5.0</b>	<b>91.1</b>	<b>±5.0</b>
	MCH	pg	27.0	±2.5	31.1	±2.5	33.3	±2.5
	MCHC	g/L	337	±30	360	±30	366	±30
	RDW-CV	%	13.0	±3.0	14.0	±3.0	14.2	±3.0
	RDW-SD	fL	35.4	±8.0	42.2	±8.0	47.1	±8.0
	PLT	×10 <sup>9</sup> /L	<b>55</b>	<b>±30</b>	<b>281</b>	<b>±60</b>	<b>577</b>	<b>±70</b>
MPV	fL	<b>12.2</b>	<b>±3.0</b>	<b>12.1</b>	<b>±3.0</b>	<b>11.8</b>	<b>±3.0</b>	
PDW	/	16.5	±3.0	16.6	±3.0	15.6	±3.0	
PCT	%	0.067	±0.045	0.339	±0.100	0.682	±0.200	
P-LCR	%	38	±10	37	±10	34	±10	
P-LCC	×10 <sup>9</sup> /L	21	±10	103	±25	196	±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.

# CBC-DH

## HEMATOLOGY CONTROLS

**LOT** E5189-02

 2023-05-15

**Assay values and ranges provided by Wheisman**

Instrument	Parameter	Unit	Low		Normal		High	
AC 610 Vet CAT	WBC	$\times 10^9/L$	<b>3.40</b>	<b><math>\pm 0.70</math></b>	<b>7.85</b>	<b><math>\pm 2.0</math></b>	<b>18.63</b>	<b><math>\pm 3.50</math></b>
	Neu%	%	49.2	$\pm 16.0$	57.5	$\pm 8.0$	54.6	$\pm 8.0$
	Lym%	%	39.0	$\pm 21.0$	29.1	$\pm 8.0$	29.9	$\pm 8.0$
	Mon%	%	6.4	$\pm 4.0$	6.9	$\pm 4.0$	7.2	$\pm 4.0$
	Eos%	%	5.4	$\pm 5.4$	6.5	$\pm 6.5$	8.3	$\pm 8.3$
	Bas%	%	57.8	$\pm 10.0$	68.7	$\pm 10.0$	77.5	$\pm 10.0$
	Neu#	$\times 10^9/L$	1.67	$\pm 0.48$	4.52	$\pm 0.65$	10.19	$\pm 1.40$
	Lym#	$\times 10^9/L$	1.33	$\pm 0.63$	2.28	$\pm 0.65$	5.57	$\pm 1.40$
	Mon#	$\times 10^9/L$	0.22	$\pm 0.30$	0.54	$\pm 0.32$	1.33	$\pm 0.70$
	Eos#	$\times 10^9/L$	0.18	$\pm 0.18$	0.51	$\pm 0.51$	1.54	$\pm 1.54$
	Bas#	$\times 10^9/L$	1.97	$\pm 0.35$	5.39	$\pm 0.80$	14.43	$\pm 1.75$
	RBC	$\times 10^{12}/L$	<b>2.48</b>	<b><math>\pm 0.30</math></b>	<b>4.85</b>	<b><math>\pm 0.44</math></b>	<b>5.7</b>	<b><math>\pm 0.50</math></b>
	HGB	g/L	<b>56</b>	<b><math>\pm 6</math></b>	<b>125</b>	<b><math>\pm 6</math></b>	<b>160</b>	<b><math>\pm 8</math></b>
	HCT	%	18.3	$\pm 2.0$	38.6	$\pm 3.0$	48.3	$\pm 4.0$
	MCV	fL	<b>73.7</b>	<b><math>\pm 5.0</math></b>	<b>79.5</b>	<b><math>\pm 5.0</math></b>	<b>84.1</b>	<b><math>\pm 5.0</math></b>
	MCH	pg	22.7	$\pm 2.5$	25.8	$\pm 2.5$	27.9	$\pm 2.5$
	MCHC	g/L	308	$\pm 30$	325	$\pm 30$	332	$\pm 30$
	RDW-CV	%	13.6	$\pm 3.0$	14.5	$\pm 3.0$	14.6	$\pm 3.0$
	RDW-SD	fL	36.6	$\pm 8.0$	43.4	$\pm 8.0$	48.4	$\pm 8.0$
	PLT	$\times 10^9/L$	<b>54</b>	<b><math>\pm 30</math></b>	<b>283</b>	<b><math>\pm 60</math></b>	<b>588</b>	<b><math>\pm 70</math></b>
MPV	fL	<b>11.3</b>	<b><math>\pm 3.0</math></b>	<b>11.3</b>	<b><math>\pm 3.0</math></b>	<b>11.1</b>	<b><math>\pm 3.0</math></b>	
PDW	/	16.6	$\pm 3.0$	16.2	$\pm 3.0$	15.8	$\pm 3.0$	
PCT	%	0.061	$\pm 0.045$	0.320	$\pm 0.100$	0.654	$\pm 0.200$	
P-LCR	%	37	$\pm 10$	36	$\pm 10$	34	$\pm 10$	
P-LCC	$\times 10^9/L$	20	$\pm 10$	103	$\pm 25$	202	$\pm 35$	

**【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.