


# CBC-DH

## HEMATOLOGY CONTROL

LOT DH2411

 2025-01-05

Assay values and ranges provided by Wheisman

Instrument	Parameter	Unit	Low		Normal		High	
			DH2411L		DH2411N		DH2411H	
Wheisman AC 610 Vet DOG	WBC	×10 <sup>9</sup> /L	<b>3.68</b>	<b>±0.70</b>	<b>8.94</b>	<b>±2.00</b>	21.03	±3.50
	NEU%	%	49.2	±10.0	57.1	±8.0	62.8	±8.0
	LYM%	%	36.8	±10.0	28.2	±8.0	17.8	±8.0
	MON%	%	5.6	±4.0	4.8	±4.0	5.7	±4.0
	EOS%	%	8.4	±5.0	10.0	±6.0	13.8	±7.0
	BAS%	%	61.4	±10.0	70.1	±10.0	78.2	±10.0
	NEU#	×10 <sup>9</sup> /L	1.81	±0.48	4.99	±0.65	12.95	±1.40
	LYM#	×10 <sup>9</sup> /L	1.35	±0.63	2.46	±0.65	3.67	±1.40
	MON#	×10 <sup>9</sup> /L	0.20	±0.20	0.42	±0.32	1.17	±0.70
	EOS#	×10 <sup>9</sup> /L	0.31	±0.30	0.87	±0.70	2.84	±1.50
	BAS#	×10 <sup>9</sup> /L	2.26	±0.35	6.12	±0.80	16.13	±1.75
	RBC	×10 <sup>12</sup> /L	<b>2.39</b>	<b>±0.30</b>	<b>4.63</b>	<b>±0.44</b>	<b>5.41</b>	<b>±0.50</b>
	HGB	g/L	<b>63</b>	<b>±6</b>	<b>141</b>	<b>±6</b>	<b>178</b>	<b>±8</b>
	MCHC	g/L	328	±30	349	±30	363	±30
	MCH	pg	26.4	±2.5	30.4	±2.5	33.0	±2.5
	MCV	fL	<b>80.2</b>	<b>±5.0</b>	<b>87.0</b>	<b>±5.0</b>	<b>90.7</b>	<b>±6.0</b>
	RDW-CV	%	9.5	±3.0	10.1	±3.0	10.1	±3.0
	RDW-SD	fL	38.8	±8.0	47.1	±8.0	50.4	±8.0
	HCT	%	19.2	±2.0	40.3	±3.0	49.1	±4.0
	PLT	×10 <sup>9</sup> /L	<b>72</b>	<b>±30</b>	<b>299</b>	<b>±60</b>	<b>558</b>	<b>±70</b>
	MPV	fL	<b>11.7</b>	<b>±3.0</b>	<b>11.2</b>	<b>±3.0</b>	<b>11.0</b>	<b>±3.0</b>
PDW	fL	16.5	±3.0	15.4	±3.0	15.4	±3.0	
PCT	%	0.084	±0.045	0.335	±0.100	0.615	±0.200	
P-LCC	×10 <sup>9</sup> /L	26	±10	94	±25	167	±35	
P-LCR	%	37	±10	31	±10	30	±10	


**[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.

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Instrument	Parameter	Unit	Low		Normal		High	
			DH2411L		DH2411N		DH2411H	
Wheisman AC 610 Vet CAT	WBC	×10 <sup>9</sup> /L	<b>3.34</b>	<b>±0.70</b>	<b>8.14</b>	<b>±2.00</b>	<b>18.96</b>	<b>±3.50</b>
	NEU%	%	48.2	±10.0	53.7	±8.0	57.9	±8.0
	LYM%	%	38.5	±10.0	30.7	±8.0	21.2	±8.0
	MON%	%	5.9	±4.0	5.9	±4.0	8.2	±4.0
	EOS%	%	7.4	±5.0	9.7	±6.0	12.7	±7.0
	BAS%	%	61.4	±10.0	70.3	±10.0	78.2	±10.0
	NEU#	×10 <sup>9</sup> /L	1.61	±0.48	4.27	±0.65	10.75	±1.40
	LYM#	×10 <sup>9</sup> /L	1.29	±0.63	2.44	±0.65	3.94	±1.40
	MON#	×10 <sup>9</sup> /L	0.20	±0.20	0.46	±0.32	1.51	±0.70
	EOS#	×10 <sup>9</sup> /L	0.25	±0.25	0.77	±0.70	2.36	±1.50
	BAS#	×10 <sup>9</sup> /L	2.05	±0.35	5.58	±0.80	14.51	±1.75
	RBC	×10 <sup>12</sup> /L	<b>2.70</b>	<b>±0.30</b>	<b>5.21</b>	<b>±0.44</b>	<b>6.10</b>	<b>±0.50</b>
	HGB	g/L	<b>59</b>	<b>±6</b>	<b>132</b>	<b>±6</b>	<b>167</b>	<b>±8</b>
	MCHC	g/L	301	±30	321	±30	332	±30
	MCH	pg	21.9	±2.5	25.4	±2.5	27.4	±2.5
	MCV	fL	<b>73.0</b>	<b>±5.0</b>	<b>79.1</b>	<b>±5.0</b>	<b>82.6</b>	<b>±6.0</b>
	RDW-CV	%	12.3	±3.0	13.1	±3.0	13.2	±3.0
	RDW-SD	fL	37.0	±8.0	44.7	±8.0	48.1	±8.0
	HCT	%	19.7	±2.0	41.2	±3.0	50.4	±4.0
	PLT	×10 <sup>9</sup> /L	<b>72</b>	<b>±30</b>	<b>300</b>	<b>±60</b>	<b>560</b>	<b>±70</b>
	MPV	fL	<b>11.1</b>	<b>±3.0</b>	<b>10.6</b>	<b>±3.0</b>	<b>10.4</b>	<b>±3.0</b>
PDW	fL	16.6	±3.0	15.6	±3.0	15.5	±3.0	
PCT	%	0.080	±0.045	0.319	±0.100	0.584	±0.200	
P-LCC	×10 <sup>9</sup> /L	27	±10	94	±25	165	±35	
P-LCR	%	37	±10	31	±10	30	±10	

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