


# CBC-ST Plus

## HEMATOLOGY CONTROLS

<b>CONTROL</b>
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<b>LOT</b>	<b>ST0924</b>
	<b>2024-12-05</b>

Assay values and ranges provided by Wheisman

Instrument	Parameter	Unit	Low		Normal		High	
			ST0924L		ST0924N		ST0924H	
Wheisman  AC 310	<b>WBC</b>	<b>10<sup>9</sup>/L</b>	<b>2.37</b>	<b>±0.50</b>	<b>7.37</b>	<b>±1.00</b>	<b>16.08</b>	<b>±2.50</b>
	Lym%	%	8.6	±8.6	20.6	±8.0	50.6	±8.0
	Mid%	%	16.5	±7.0	19.9	±7.0	17.6	±7.0
	Gran%	%	74.9	±10.0	59.5	±8.0	31.8	±8.0
	Lym#	10 <sup>9</sup> /L	0.20	±0.20	1.52	±0.65	8.14	±1.50
	Mid#	10 <sup>9</sup> /L	0.39	±0.30	1.47	±0.50	2.83	±1.20
	Gran#	10 <sup>9</sup> /L	1.78	±0.48	4.39	±0.65	5.11	±1.40
	<b>RBC</b>	<b>10<sup>12</sup>/L</b>	<b>2.47</b>	<b>±0.24</b>	<b>4.11</b>	<b>±0.28</b>	<b>5.87</b>	<b>±0.35</b>
	<b>HGB</b>	<b>g/L</b>	<b>64</b>	<b>± 5</b>	<b>120</b>	<b>±6</b>	<b>185</b>	<b>±8</b>
	MCHC	g/L	354	±36	357	±30	361	±30
	MCH	pg	25.8	±2.8	29.2	±2.5	31.6	±2.5
	<b>MCV</b>	<b>fL</b>	<b>72.7</b>	<b>±5.0</b>	<b>81.7</b>	<b>±5.0</b>	<b>87.2</b>	<b>±5.0</b>
	RDW-CV	%	10.2	±5.0	10.2	±5.0	11.6	±5.0
	RDW-SD	fL	26.1	±8.0	30.6	±8.0	38.3	±8.0
	HCT	%	17.9	±2.0	33.6	±3.0	51.2	±4.0
	<b>PLT</b>	<b>10<sup>9</sup>/L</b>	<b>60</b>	<b>±20</b>	<b>177</b>	<b>±40</b>	<b>294</b>	<b>±60</b>
	<b>MPV</b>	<b>fL</b>	<b>9.0</b>	<b>±3.0</b>	<b>9.3</b>	<b>±3.0</b>	<b>9.2</b>	<b>±3.0</b>
	PDW	fL	15.6	±3.0	15.8	±3.0	16.0	±3.0
	PCT	%	0.054	±0.045	0.164	±0.100	0.271	±0.200
	P-LCC	10 <sup>9</sup> /L	20	±10	61	±25	101	±35
P-LCR	%	33.2	±10.0	34.4	±10.0	34.3	±10.0	

**【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.