


**ED-500D**  
**HEMATOLOGY CONTROL**  
**CONTROL**

**ASSAY VALUES AND EXPECTED RANGES**

**LOT** EL0920

 2020-11-05

Instrument	Parameter	Low	Normal	High
		<b>LOT</b> EL0920L	<b>LOT</b> EL0920N	<b>LOT</b> EL0920H
<b>EDAN Laboratory</b>	<b>WBC</b> × 10 <sup>9</sup> /L	<b>3.46±0.5</b>	<b>7.89±1.0</b>	<b>17.80±2.5</b>
DS-500,	Neu %	51.0±9	57.5±8	66.0±9
DS-500i,	Lym %	37.0±9	28.5±8	18.5±9
	Mon %	7.0±4	6.6±4	6.1±6
	Eos %	5.0±5	7.4±5	9.4±8
	Bas %	0.0+1	0.0+1	0.0+1
	Neu# × 10 <sup>9</sup> /L	1.77±0.4	4.53±0.66	11.74±2
	Lym# × 10 <sup>9</sup> /L	1.28±0.4	2.25±0.66	3.30±1.5
	Mon# × 10 <sup>9</sup> /L	0.24±0.14	0.52±0.31	1.09±1.09
	Eos# × 10 <sup>9</sup> /L	0.17±0.16	0.59±0.56	1.67±1.25
	Bas# × 10 <sup>9</sup> /L	0.00+0.3	0.00+0.3	0.00+0.3
	<b>RBC</b> × 10 <sup>12</sup> /L	<b>2.18±0.24</b>	<b>4.46±0.24</b>	<b>5.08±0.5</b>
	<b>HGB</b> g/L	<b>59±6</b>	<b>131±6</b>	<b>168±10</b>
	HCT %	17.8±3	39.2±3	49.4±5
	<b>MCV</b> fL	<b>81.5±5</b>	<b>87.9±5</b>	<b>97.3±8</b>
	MCH pg	27.3±3	29.5±3	33.2±3.5
	MCHC g/L	335±30	336±30	341±30
	RDW-SD fL	56.6±8	53.6±8	54.4±12
	RDW-CV %	16.1±5	14.5±5	13.2±5
	<b>PLT</b> × 10 <sup>9</sup> /L	<b>55±20</b>	<b>269±40</b>	<b>567±60</b>
	PDW fL	13.8±3	13.0±3	12.5±3
	MPV fL	9.9±3	9.9±3	9.8±3
	PCT %	0.06±0.06	0.27±0.1	0.55±0.3
	P-LCR %	33.33±15	31.65±15	30.75±15
	P-LCC × 10 <sup>9</sup> /L	20±20	85±30	174±40

**【NOTE】**

1. The controls should be stored in refrigerator (2~8°C). After opening, it will keep stable for 14 days when it is stored airtight at 2~8°C.
2. Before mixing and running the control after take it out from the refrigerator, please keep it at least 15 minutes until reaching roomtemperature(15~30°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.