

# ED-500D

## HEMATOLOGY CONTROL

### CONTROL

#### ASSAY VALUES AND EXPECTED RANGES

LOT EL0122

2022-03-05

Instrument	Parameter	Low	Normal	High
		<span style="border: 1px solid black; padding: 1px;">LOT</span> EL0122L	<span style="border: 1px solid black; padding: 1px;">LOT</span> EL0122N	<span style="border: 1px solid black; padding: 1px;">LOT</span> EL0122H
<b>EDAN Laboratory</b>	<b>WBC</b> × 10 <sup>9</sup> /L	<b>3.47±0.5</b>	<b>8.03±1.0</b>	<b>18.21±2.5</b>
DS-500,	Neu %	50.2±9	57.3±8	63.9±9
DS-500i,	Lym %	37.8±9	28.2±8	20.6±9
	Mon %	7.0±4	6.7±4	6.3±6
	Eos %	5.0±5	7.8±5	9.2±8
	Bas %	0.0±1	0.0±1	0.0±1
	Neu# × 10 <sup>9</sup> /L	1.74±0.4	4.60±0.66	11.64±2
	Lym# × 10 <sup>9</sup> /L	1.32±0.4	2.26±0.66	3.75±1.5
	Mon# × 10 <sup>9</sup> /L	0.24±0.14	0.54±0.31	1.15±1.09
	Eos# × 10 <sup>9</sup> /L	0.17±0.16	0.63±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>2.32±0.24</b>	<b>4.47±0.24</b>	<b>5.10±0.5</b>
	<b>HGB</b> g/L	<b>60±6</b>	<b>131±6</b>	<b>164±10</b>
	HCT %	18.2±3	39.2±3	47.5±5
	<b>MCV</b> fL	<b>78.4±5</b>	<b>89.8±5</b>	<b>97.3±8</b>
	MCH pg	25.9±3	30.0±3	33.5±3.5
	MCHC g/L	331±30	334±30	344±30
	RDW-SD fL	53.3±8	56.3±8	58.9±12
	RDW-CV %	16.2±5	14.9±5	14.5±5
	<b>PLT</b> × 10 <sup>9</sup> /L	<b>48±20</b>	<b>245±40</b>	<b>550±60</b>
	PDW fL	12.6±3	12.5±3	12.4±3
	MPV fL	9.2±3	9.4±3	9.3±3
	PCT %	0.06±0.06	0.23±0.1	0.48±0.3
	P-LCR %	27.51±15	27.41±15	27.35±15
	P-LCC × 10 <sup>9</sup> /L	20±20	67±30	140±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 room temperature(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.

# ED-500D

## HEMATOLOGY CONTROL

### CONTROL

#### ASSAY VALUES AND EXPECTED RANGES

**LOT** EL0122

2022-03-05

Instrument	Parameter		ED-500D Control L	ED-500D Control N	ED-500D Control H
			<b>LOT</b> EL0122L	<b>LOT</b> EL0122N	<b>LOT</b> EL0122H
<b>EDAN</b>	<b>WBC</b>	× 10 <sup>9</sup> /L	3.40±0.72	7.82±1.37	17.83±2.65
H60	NEU#	× 10 <sup>9</sup> /L	1.65±0.51	4.28±1.11	11.05±2.49
H60S	NEU%	%	48.2±13.2	54.7±13.4	62.1±12.8
	LYM#	× 10 <sup>9</sup> /L	1.27±0.55	2.18±0.92	3.64±1.67
	LYM	%	37.4±14.2	27.9±11.0	20.4±9.1
	MONO#	× 10 <sup>9</sup> /L	0.24±0.13	0.52±0.26	1.12±0.77
	MON	%	7.1±3.7	6.7±3.1	6.2±4.3
	EOS#	× 10 <sup>9</sup> /L	0.41±0.39	0.81±0.76	1.99±0.88
	EOS	%	7.2±3.7	10.4±4.2	11.1±2.9
	BAS#	× 10 <sup>9</sup> /L	0.10±0.10	0.10±0.10	0.10±0.10
	BAS	%	1.0±1.0	1.0±1.0	1.0±1.0
	<b>RBC</b>	× 10 <sup>12</sup> /L	2.47±0.29	4.56±0.54	5.18±0.60
	HGB	g/dL	6.3±0.6	13.5±1.1	16.7±1.5
	HCT	%	19.2±2.9	40.6±6.0	49.9±7.6
	<b>MCV</b>	fL	77.8±4.7	89.0±5.2	96.4±5.5
	MCH	pg	25.5±3.5	29.5±4.1	32.3±4.3
	MCHC	g/dL	32.8±5.1	33.2±5.1	33.5±5.0
	RDW-CV	%	16.0±3.4	14.8±2.8	13.9±2.7
	RDW-SD	fL	45.4±8.8	47.2±8.0	48.3±7.9
	<b>PLT</b>	×10 <sup>3</sup> /uL	61±50	268±116	532±246
	PDW	%	11.7±10.5	13.3±6.0	13.0±5.0
	MPV	fL	9.4±4.6	10.3±3.7	10.2±2.9
	PCT	%	0.06±0.05	0.28±0.13	0.55±0.31
	PLCR	%	26.4±25.1	27.6±24.9	26.5±20.4
	PLCC	× 10 <sup>9</sup> /L	17±16	74±57	141±114

#### 【NOTE】

- 1) The controls should be stored in refrigerator (2~8℃). After opening, it will keep stable for 14 days when it is stored airtight at 2~8℃.
- 2) Please equilibrate the controls into room temperature (15~30℃) before using it.
- 3) Control 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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MPN: 01.54.458884010