

# ED-50D

**CONTROL**

**ASSAY VALUES AND EXPECTED RANGES**

**LOT** ED0924

🕒 2024-11-05

Instrument	Parameter	Low	Normal	High
EDAN H50 H51	WBC × 10 <sup>9</sup> /L	<b>2.6</b> ± 0.5	<b>6.9</b> ± 1.0	<b>19.5</b> ± 2.5
	RBC × 10 <sup>12</sup> /L	<b>2.07</b> ± 0.30	<b>4.71</b> ± 0.30	<b>5.15</b> ± 0.40
	HGB g/L	<b>48</b> ± 4	<b>122</b> ± 8	<b>154</b> ± 8
	HCT %	0.165 ± 0.03	0.407 ± 0.04	0.469 ± 0.05
	MCV fL	<b>79.5</b> ± 5.0	<b>86.5</b> ± 5.0	<b>91.0</b> ± 6.0
	MCH pg	23.2 ± 2.5	25.9 ± 2.5	29.9 ± 2.5
	MCHC g/L	292 ± 30	299 ± 30	329 ± 30
	RDW %	13.0 ± 4.0	13.0 ± 5.0	12.0 ± 5.0
	RDW-SD fL	37.5 ± 10.0	40.0 ± 10.0	37.5 ± 10.0
	PLT × 10 <sup>3</sup> /uL	<b>85</b> ± 30	<b>244</b> ± 45	<b>500</b> ± 70
	MPV fL	9.7 ± 3.0	9.9 ± 3.0	10.3 ± 3.0
	PCT %	0.09 ± 0.09	0.26 ± 0.200	0.52 ± 0.200
	PDW %	11.0 ± 5.0	16.5 ± 5.0	18.5 ± 5.0
	PLCR %	18.0 ± 10.0	20.0 ± 10.0	20.0 ± 10.0
	PLCC × 10 <sup>9</sup> /L	15 ± 10	49 ± 30	100 ± 40
	LYM %	36.5 ± 12.0	24.0 ± 9.0	17.0 ± 7.0
	MON %	10.5 ± 9.0	7.5 ± 7.5	5.5 ± 5.5
	NEU %	47.5 ± 10	61.0 ± 10	71.5 ± 8
	EOS %	4.5 ± 4.5	6.5 ± 6.5	5.0 ± 5.0
	BAS %	1.0 ± 1.0	1.0 ± 1.0	1.0 ± 1.0
	LYM × 10 <sup>9</sup> /L	0.9 ± 0.6	1.7 ± 1.0	3.3 ± 2
	MON × 10 <sup>9</sup> /L	0.3 ± 0.3	0.5 ± 0.5	1.1 ± 1.1
	NEU × 10 <sup>9</sup> /L	1.2 ± 0.6	4.1 ± 1.5	13.9 ± 3.5
	EOS × 10 <sup>9</sup> /L	0.1 ± 0.1	0.5 ± 0.5	1.1 ± 1.1
	BAS × 10 <sup>9</sup> /L	0.1 ± 0.1	0.1 ± 0.1	0.2 ± 0.2
	ALY %	5.5 ± 5.5	0.5 ± 0.5	0.8 ± 0.8
	IMM %	5.0 ± 5.0	0.1 ± 0.1	0.4 ± 0.4
	ALY × 10 <sup>9</sup> /L	0.1 ± 0.1	5.0 ± 5.0	4.0 ± 4.0
	IMM × 10 <sup>9</sup> /L	0.1 ± 0.1	3.0 ± 3.0	2.0 ± 2.0

**[NOTE]**

- 1) Occasionally leukocyte cell populations are incorrectly identified. Usually happened on LYM%, MON%, ALY%, IMM%
- 2) The controls should be stored in the refrigerator (2~8°C). After opening, it will keep stable for 14 days when it is stored airtight at 2~8°C.
- 3) Please equilibrate the controls to room temperature (15~30°C) before using it.
- 4) The control must be well mixed before use. Please mix gently to avoid cells rupturing or generating bubbles.
- 5) After using, put the controls back into the refrigerator to prevent contamination and evaporation.

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