

ED-30D**CONTROL**

ASSAY VALUES AND EXPECTED RANGES

LOT EB1124

🕒 2025-02-05

Instrument	Parameter	Low	Normal	High
EDAN H30 H31 iH30	WBC ×10 ⁹ /L	2.1 ± 0.60	7.6 ± 1.00	20.7 ± 2.50
	RBC ×10 ¹² /L	2.32 ± 0.30	4.56 ± 0.40	5.64 ± 0.50
	HGB g/L	60 ± 6	135 ± 6	183 ± 8
	HCT %	0.170 ± 0.030	0.385 ± 0.040	0.526 ± 0.050
	MCV fL	73.1 ± 5.0	84.4 ± 5.0	93.3 ± 6.0
	MCH pg	26.0 ± 3.0	29.6 ± 3.0	32.5 ± 3.0
	MCHC g/L	355 ± 40	350 ± 40	348 ± 40
	RDW %	13.2 ± 3.0	13.1 ± 3.0	12.6 ± 3.0
	RDW-SD fL	38.2 ± 10.0	43.6 ± 10.0	46.0 ± 12.0
	PLT ×10 ⁹ /L	69 ± 30	257 ± 45	506 ± 70
	MPV fL	11.4 ± 3.0	9.7 ± 3.0	9.2 ± 3.0
	LYM %	60.5 ± 10.0	31.0 ± 9.0	15.0 ± 8.0
	MID %	8.1 ± 6.5	4.5 ± 4.0	2.2 ± 2.0
	GRA %	31.3 ± 10.0	64.4 ± 8.0	82.8 ± 6.0
	LYM ×10 ⁹ /L	1.2 ± 1.0	2.4 ± 2.0	3.1 ± 1.5
	MID ×10 ⁹ /L	0.2 ± 0.1	0.3 ± 0.2	0.5 ± 0.4
	GRA ×10 ⁹ /L	0.6 ± 0.5	4.9 ± 4.0	17.2 ± 12.0
	PCT cL/L	0.081 ± 0.080	0.250 ± 0.200	0.464 ± 0.200
	PDW %	10.9 ± 4.0	15.0 ± 4.0	16.0 ± 4.0
	PLCR %	25.1 ± 10.0	16.2 ± 10.0	13.4 ± 10.0

[NOTE]

- 1) 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.
- 2) Please equilibrate the controls to room temperature (15~30°C) before using it.
- 3) Controls must be well mixed before use. Please mix gently to avoid cells rupturing or generating bubbles.
- 4) After using, put the controls back into the refrigerator (2~8°C) to prevent contamination and evaporation.

Instrument	Parameter	Low	Normal	High
EDAN H30 Pro iH30 Pro Applicable for version 1.0 to 1.06.	WBC ×10 ⁹ /L	2.07 ± 0.60	7.56 ± 1.00	19.32 ± 2.50
	LYM# ×10 ⁹ /L	1.11 ± 0.50	2.32 ± 0.70	2.88 ± 1.40
	LYM %	53.7 ± 10.0	30.7 ± 9.0	14.9 ± 8.0
	MID# ×10 ⁹ /L	0.25 ± 0.25	0.42 ± 0.40	0.79 ± 0.75
	MID %	12.3 ± 8.0	5.6 ± 5.0	4.1 ± 4.0
	GRA# ×10 ⁹ /L	0.71 ± 0.70	4.82 ± 1.50	15.68 ± 6.00
	GRA %	34.1 ± 10.0	63.7 ± 8.0	81.1 ± 6.0
	RBC ×10 ¹² /L	2.23 ± 0.30	4.55 ± 0.40	5.59 ± 0.50
	HGB g/dL	5.8 ± 0.6	13.5 ± 0.6	18.8 ± 0.8
	HCT %	16.6 ± 2.0	39.2 ± 4.0	52.7 ± 5.0
	MCV fL	74.7 ± 5.0	86.2 ± 5.0	94.2 ± 6.0
	MCH pg	26.2 ± 3.0	29.7 ± 3.0	33.7 ± 3.0
	MCHC g/dL	33.4 ± 4.0	34.9 ± 4.0	36.1 ± 4.0
	RDW-CV %	18.1 ± 3.0	17.7 ± 3.0	16.7 ± 3.0
	RDW-SD fL	51.3 ± 10.0	56.8 ± 10.0	58.5 ± 12.0
	PLT ×10 ⁹ /L	61 ± 30	262 ± 45	532 ± 70
	PDW fL	14.5 ± 4.0	13.0 ± 4.0	13.7 ± 4.0
	MPV fL	10.4 ± 3.0	10.1 ± 3.0	10.3 ± 3.0
	PCT %	0.06 ± 0.06	0.27 ± 0.20	0.55 ± 0.20
	PLCR %	28.3 ± 10.0	25.4 ± 10.0	26.9 ± 10.0
PLCC ×10 ⁹ /L	17 ± 15	67 ± 25	143 ± 40	

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EDAN H30 Pro iH30 Pro Applicable for version 1.07 and higher.	WBC ×10 ⁹ /L	2.07 ± 0.60	7.56 ± 1.00	19.32 ± 2.50
	LYM# ×10 ⁹ /L	1.11 ± 0.50	2.32 ± 0.70	2.88 ± 1.40
	LYM %	53.7 ± 10.0	30.7 ± 9.0	14.9 ± 8.0
	MXD# ×10 ⁹ /L	0.25 ± 0.25	0.42 ± 0.40	0.79 ± 0.75
	MXD %	12.3 ± 8.0	5.6 ± 5.0	4.1 ± 4.0
	NEUT# ×10 ⁹ /L	0.71 ± 0.70	4.82 ± 1.50	15.68 ± 6.00
	NEUT %	34.1 ± 10.0	63.7 ± 8.0	81.1 ± 6.0
	RBC ×10 ¹² /L	2.23 ± 0.30	4.55 ± 0.40	5.59 ± 0.50
	HGB g/dL	5.8 ± 0.6	13.5 ± 0.6	18.8 ± 0.8
	HCT %	16.6 ± 2.0	39.2 ± 4.0	52.7 ± 5.0
	MCV fL	74.7 ± 5.0	86.2 ± 5.0	94.2 ± 6.0
	MCH pg	26.2 ± 3.0	29.7 ± 3.0	33.7 ± 3.0
	MCHC g/dL	33.4 ± 4.0	34.9 ± 4.0	36.1 ± 4.0
	RDW-CV %	18.1 ± 3.0	17.7 ± 3.0	16.7 ± 3.0
	RDW-SD fL	51.3 ± 10.0	56.8 ± 10.0	58.5 ± 12.0
	PLT ×10 ⁹ /L	61 ± 30	262 ± 45	532 ± 70
	PDW fL	14.5 ± 4.0	13.0 ± 4.0	13.7 ± 4.0
	MPV fL	10.4 ± 3.0	10.1 ± 3.0	10.3 ± 3.0
	PCT %	0.06 ± 0.06	0.27 ± 0.20	0.55 ± 0.20
	PLCR %	28.3 ± 10.0	25.4 ± 10.0	26.9 ± 10.0
PLCC ×10 ⁹ /L	17 ± 15	67 ± 25	143 ± 40	

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Instrument	Parameter	Low	Normal	High
EDAN H30 Vet iH30 Vet H31 Vet	WBC ×10 ⁹ /L	2.06 ± 0.60	7.41 ± 1.00	18.70 ± 2.50
	LYM# ×10 ⁹ /L	1.04 ± 0.50	2.28 ± 0.70	3.09 ± 1.40
	LYM %	50.4 ± 10.0	31.0 ± 9.0	16.7 ± 8.0
	MON# ×10 ⁹ /L	0.03 ± 0.03	0.41 ± 0.40	0.56 ± 0.40
	MON %	1.6 ± 1.5	5.6 ± 5.0	3.1 ± 3.0
	GRA# ×10 ⁹ /L	1.00 ± 0.80	4.69 ± 1.50	14.92 ± 4.00
	GRA %	48.0 ± 10.0	63.5 ± 8.0	80.3 ± 8.0
	RBC ×10 ¹² /L	2.40 ± 0.30	4.51 ± 0.40	5.57 ± 0.50
	HGB g/dL	5.9 ± 0.6	13.6 ± 0.6	18.8 ± 0.8
	HCT %	15.9 ± 2.0	34.8 ± 3.0	47.5 ± 4.0
	MCV fL	66.2 ± 5.0	77.1 ± 5.0	85.2 ± 6.0
	MCH pg	24.4 ± 3.0	30.2 ± 3.0	33.6 ± 3.0
	MCHC g/dL	36.9 ± 4.0	39.2 ± 4.0	39.5 ± 4.0
	RDW-CV %	19.3 ± 3.0	18.7 ± 3.0	17.5 ± 3.0
	RDW-SD fL	49.9 ± 10.0	57.4 ± 10.0	59.9 ± 12.0
	PLT ×10 ⁹ /L	80 ± 30	285 ± 45	574 ± 70
	PDW fL	19.3 ± 4.0	16.0 ± 4.0	14.8 ± 4.0
	MPV fL	10.5 ± 3.0	9.9 ± 3.0	9.6 ± 3.0
	PCT %	0.08 ± 0.08	0.28 ± 0.20	0.55 ± 0.20
	PLCR %	13.4 ± 10.0	9.3 ± 9.0	7.3 ± 6.5
PLCC ×10 ⁹ /L	10 ± 10	27 ± 20	42 ± 30	

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