

Instrument	Parameter	Low	Normal	High
EDAN H30 H31 iH30	WBC $\times 10^9/L$	2.1 $\pm$ 0.60	8.4 $\pm$ 1.00	22.8 $\pm$ 2.50
	RBC $\times 10^{12}/L$	2.26 $\pm$ 0.30	4.65 $\pm$ 0.40	5.75 $\pm$ 0.50
	HGB g/L	61 $\pm$ 6	139 $\pm$ 6	186 $\pm$ 8
	HCT L/L	0.170 $\pm$ 0.030	0.389 $\pm$ 0.040	0.530 $\pm$ 0.050
	MCV fL	75.3 $\pm$ 5.0	83.8 $\pm$ 5.0	92.1 $\pm$ 6.0
	MCH pg	27.1 $\pm$ 3.0	29.8 $\pm$ 3.0	32.2 $\pm$ 3.0
	MCHC g/L	359 $\pm$ 40	356 $\pm$ 40	350 $\pm$ 40
	RDW %	13.6 $\pm$ 3.0	12.6 $\pm$ 3.0	12.1 $\pm$ 3.0
	RDW-SD fL	40.9 $\pm$ 10.0	41.5 $\pm$ 10.0	44.1 $\pm$ 12.0
	PLT $\times 10^9/L$	71 $\pm$ 30	251 $\pm$ 45	539 $\pm$ 70
	MPV fL	10.9 $\pm$ 3.0	9.7 $\pm$ 3.0	9.5 $\pm$ 3.0
	LYM %	58.9 $\pm$ 10.0	28.7 $\pm$ 9.0	12.7 $\pm$ 8.0
	MID %	7.2 $\pm$ 6.5	4.7 $\pm$ 3.9	2.8 $\pm$ 1.6
	GRA %	33.9 $\pm$ 10.0	66.6 $\pm$ 8.0	84.5 $\pm$ 6.0
	LYM $\times 10^9/L$	1.2 $\pm$ 1.0	2.4 $\pm$ 2.0	2.9 $\pm$ 1.5
	MID $\times 10^9/L$	0.3 $\pm$ 0.2	0.4 $\pm$ 0.3	0.6 $\pm$ 0.4
	GRA $\times 10^9/L$	0.7 $\pm$ 0.6	5.6 $\pm$ 4.0	19.2 $\pm$ 12.0
	PCT cL/L	0.077 $\pm$ 0.070	0.243 $\pm$ 0.200	0.510 $\pm$ 0.200
	PDW %	11.2 $\pm$ 4.0	15.2 $\pm$ 4.0	16.8 $\pm$ 4.0
	PLCR %	23.3 $\pm$ 10.0	17.0 $\pm$ 10.0	16.1 $\pm$ 10.0

【NOTE】

- 1) The controls should be stored in the 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 to room temperature (15~30℃) 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℃) to prevent contamination and evaporation.

Instrument	Parameter	Low	Normal	High
EDAN H30 Pro iH30 Pro Applicable for version 1.0 to 1.06.	WBC $\times 10^9/L$	2.15 $\pm$ 0.60	8.23 $\pm$ 1.00	21.25 $\pm$ 2.50
	LYM# $\times 10^9/L$	1.13 $\pm$ 0.50	2.34 $\pm$ 0.70	2.71 $\pm$ 1.40
	LYM %	52.7 $\pm$ 10.0	28.4 $\pm$ 9.0	12.7 $\pm$ 8.0
	MID# $\times 10^9/L$	0.19 $\pm$ 0.19	0.56 $\pm$ 0.40	1.02 $\pm$ 0.62
	MID %	8.8 $\pm$ 8.0	6.8 $\pm$ 5.0	4.8 $\pm$ 3.5
	GRA# $\times 10^9/L$	0.83 $\pm$ 0.70	5.33 $\pm$ 1.50	17.52 $\pm$ 6.00
	GRA %	38.5 $\pm$ 10.0	64.7 $\pm$ 8.0	82.5 $\pm$ 6.0
	RBC $\times 10^{12}/L$	2.10 $\pm$ 0.30	4.53 $\pm$ 0.40	5.51 $\pm$ 0.50
	HGB g/dL	5.9 $\pm$ 0.6	14.0 $\pm$ 0.6	18.9 $\pm$ 0.8
	HCT %	16.9 $\pm$ 2.0	38.8 $\pm$ 4.0	51.7 $\pm$ 5.0
	MCV fL	75.4 $\pm$ 5.0	85.6 $\pm$ 5.0	93.8 $\pm$ 6.0
	MCH pg	28.2 $\pm$ 3.0	30.8 $\pm$ 3.0	34.3 $\pm$ 3.0
	MCHC g/dL	35.0 $\pm$ 4.0	36.0 $\pm$ 4.0	36.5 $\pm$ 4.0
	RDW-CV %	18.8 $\pm$ 3.0	17.2 $\pm$ 3.0	16.5 $\pm$ 3.0
	RDW-SD fL	55.1 $\pm$ 10.0	56.6 $\pm$ 10.0	59.1 $\pm$ 12.0
	PLT $\times 10^9/L$	69 $\pm$ 30	272 $\pm$ 45	575 $\pm$ 70
	PDW fL	14.1 $\pm$ 4.0	12.7 $\pm$ 4.0	14.1 $\pm$ 4.0
	MPV fL	10.5 $\pm$ 3.0	9.9 $\pm$ 3.0	10.4 $\pm$ 3.0
	PCT %	0.07 $\pm$ 0.06	0.27 $\pm$ 0.20	0.60 $\pm$ 0.20
	PLCR %	29.1 $\pm$ 10.0	24.1 $\pm$ 10.0	27.9 $\pm$ 10.0
	PLCC $\times 10^9/L$	20 $\pm$ 15	66 $\pm$ 25	161 $\pm$ 40

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CBC-3D

CONTROL

ASSAY VALUES AND EXPECTED RANGES

LOT EB0825

2025-11-05

Instrument	Parameter		Low	Normal	High
EDAN H30 Pro iH30 Pro Applicable for version 1.07 and higher.	WBC	×10 ⁹ /L	2.15 ± 0.60	8.23 ± 1.00	21.25 ± 2.50
	LYM#	×10 ⁹ /L	1.13 ± 0.50	2.34 ± 0.70	2.71 ± 1.40
	LYM	%	52.7 ± 10.0	28.4 ± 9.0	12.7 ± 8.0
	MXD#	×10 ⁹ /L	0.19 ± 0.19	0.56 ± 0.40	1.02 ± 0.62
	MXD	%	8.8 ± 8.0	6.8 ± 5.0	4.8 ± 3.5
	NEUT#	×10 ⁹ /L	0.83 ± 0.70	5.33 ± 1.50	17.52 ± 6.00
	NEUT	%	38.5 ± 10.0	64.7 ± 8.0	82.5 ± 6.0
	RBC	×10 ¹² /L	2.10 ± 0.30	4.53 ± 0.40	5.51 ± 0.50
	HGB	g/dL	5.9 ± 0.6	14.0 ± 0.6	18.9 ± 0.8
	HCT	%	16.9 ± 2.0	38.8 ± 4.0	51.7 ± 5.0
	MCV	fL	75.4 ± 5.0	85.6 ± 5.0	93.8 ± 6.0
	MCH	pg	28.2 ± 3.0	30.8 ± 3.0	34.3 ± 3.0
	MCHC	g/dL	35.0 ± 4.0	36.0 ± 4.0	36.5 ± 4.0
	RDW-CV	%	18.8 ± 3.0	17.2 ± 3.0	16.5 ± 3.0
	RDW-SD	fL	55.1 ± 10.0	56.6 ± 10.0	59.1 ± 12.0
	PLT	×10 ⁹ /L	69 ± 30	272 ± 45	575 ± 70
	PDW	fL	14.1 ± 4.0	12.7 ± 4.0	14.1 ± 4.0
	MPV	fL	10.5 ± 3.0	9.9 ± 3.0	10.4 ± 3.0
	PCT	%	0.07 ± 0.06	0.27 ± 0.20	0.60 ± 0.20
	PLCR	%	29.1 ± 10.0	24.1 ± 10.0	27.9 ± 10.0
	PLCC	×10 ⁹ /L	20 ± 15	66 ± 25	161 ± 40

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Instrument	Parameter	Low	Normal	High
EDAN H30 Vet iH30 Vet H31 Vet	WBC $\times 10^9/L$	2.05 $\pm$ 0.60	7.78 $\pm$ 1.00	19.43 $\pm$ 2.50
	LYM# $\times 10^9/L$	0.98 $\pm$ 0.50	2.24 $\pm$ 0.70	2.66 $\pm$ 1.40
	LYM %	48.2 $\pm$ 10.0	28.9 $\pm$ 9.0	13.7 $\pm$ 8.0
	MON# $\times 10^9/L$	0.02 $\pm$ 0.02	0.40 $\pm$ 0.40	0.48 $\pm$ 0.40
	MON %	1.2 $\pm$ 1.2	5.1 $\pm$ 5.0	2.5 $\pm$ 2.5
	GRA# $\times 10^9/L$	1.05 $\pm$ 0.80	5.15 $\pm$ 1.50	16.29 $\pm$ 4.00
	GRA %	50.6 $\pm$ 10.0	66.1 $\pm$ 8.0	83.8 $\pm$ 8.0
	RBC $\times 10^{12}/L$	2.28 $\pm$ 0.30	4.53 $\pm$ 0.40	5.53 $\pm$ 0.50
	HGB g/dL	5.6 $\pm$ 0.6	13.5 $\pm$ 0.6	18.3 $\pm$ 0.8
	HCT %	15.6 $\pm$ 2.0	35.5 $\pm$ 3.0	48.3 $\pm$ 4.0
	MCV fL	68.4 $\pm$ 5.0	78.3 $\pm$ 5.0	87.3 $\pm$ 6.0
	MCH pg	24.5 $\pm$ 3.0	29.7 $\pm$ 3.0	33.1 $\pm$ 3.0
	MCHC g/dL	35.9 $\pm$ 4.0	37.9 $\pm$ 4.0	37.9 $\pm$ 4.0
	RDW-CV %	20.7 $\pm$ 3.0	18.8 $\pm$ 3.0	18.0 $\pm$ 3.0
	RDW-SD fL	54.6 $\pm$ 10.0	57.7 $\pm$ 10.0	61.9 $\pm$ 12.0
	PLT $\times 10^9/L$	76 $\pm$ 30	262 $\pm$ 45	545 $\pm$ 70
	PDW fL	18.6 $\pm$ 4.0	15.3 $\pm$ 4.0	15.0 $\pm$ 4.0
	MPV fL	10.6 $\pm$ 3.0	9.6 $\pm$ 3.0	9.6 $\pm$ 3.0
	PCT %	0.08 $\pm$ 0.08	0.25 $\pm$ 0.20	0.52 $\pm$ 0.20
	PLCR %	13.2 $\pm$ 10.0	8.1 $\pm$ 8.0	7.4 $\pm$ 5.0
	PLCC $\times 10^9/L$	10 $\pm$ 9	21 $\pm$ 20	40 $\pm$ 25

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