

LOT EB0223

🕒 2023-05-05

Instrument	Parameter	Low	Normal	High
EDAN H30 H31 iH30	WBC ×10 <sup>9</sup> /L	2.1 ± 0.60	8.5 ± 1.00	22.4 ± 2.50
	RBC ×10 <sup>12</sup> /L	2.29 ± 0.30	4.54 ± 0.40	5.76 ± 0.50
	HGB g/L	58 ± 6	133 ± 6	180 ± 8
	HCT %	0.164 ± 0.020	0.381 ± 0.030	0.517 ± 0.040
	MCV fL	71.7 ± 5.0	83.9 ± 5.0	89.8 ± 6.0
	MCH pg	25.7 ± 2.5	29.7 ± 2.5	31.7 ± 2.5
	MCHC g/L	354 ± 30	349 ± 30	347 ± 30
	RDW %	13.4 ± 3.0	12.4 ± 3.0	12.3 ± 3.0
	RDW-SD fL	37.9 ± 10.0	40.1 ± 10.0	42.8 ± 12.0
	PLT ×10 <sup>9</sup> /L	79 ± 30	270 ± 45	561 ± 70
	MPV fL	11.4 ± 3.0	9.7 ± 3.0	9.8 ± 3.0
	LYM %	60.6 ± 10.0	31.9 ± 9.0	13.3 ± 8.0
	MID %	7.4 ± 8.0	5.7 ± 4.5	3.5 ± 3.4
	GRA %	32.0 ± 10.0	62.4 ± 8.0	83.2 ± 6.0
	LYM ×10 <sup>9</sup> /L	1.3 ± 0.5	2.7 ± 0.7	3.0 ± 1.4
	MID ×10 <sup>9</sup> /L	0.2 ± 0.1	0.5 ± 0.3	0.8 ± 0.7
	GRA ×10 <sup>9</sup> /L	0.7 ± 0.6	5.3 ± 1.5	18.6 ± 2.0
	PCT cL/L	0.098 ± 0.090	0.287 ± 0.200	0.598 ± 0.200
	PDW %	11.4 ± 4.0	16.0 ± 4.0	16.9 ± 4.0
	PLCR %	28.4 ± 10.0	18.2 ± 10.0	19.3 ± 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 <sup>9</sup> /L	<b>2.17</b> ± 0.60	<b>8.22</b> ± 1.00	<b>20.61</b> ± 2.50
	LYM# ×10 <sup>9</sup> /L	<b>0.93</b> ± 0.50	<b>2.55</b> ± 0.70	<b>2.65</b> ± 1.40
	LYM %	<b>43.2</b> ± 10.0	<b>31.0</b> ± 9.0	<b>12.9</b> ± 8.0
	MID# ×10 <sup>9</sup> /L	<b>0.37</b> ± 0.20	<b>0.54</b> ± 0.50	<b>0.90</b> ± 0.70
	MID %	<b>17.3</b> ± 8.0	<b>6.6</b> ± 6.0	<b>4.3</b> ± 4.0
	GRA# ×10 <sup>9</sup> /L	<b>0.86</b> ± 0.80	<b>5.13</b> ± 1.50	<b>17.06</b> ± 2.00
	GRA %	<b>39.5</b> ± 10.0	<b>62.4</b> ± 8.0	<b>82.8</b> ± 6.0
	RBC ×10 <sup>12</sup> /L	<b>2.30</b> ± 0.30	<b>4.50</b> ± 0.40	<b>5.65</b> ± 0.50
	HGB g/dL	<b>5.7</b> ± 0.6	<b>13.6</b> ± 0.6	<b>18.6</b> ± 0.8
	HCT %	<b>17.7</b> ± 2.0	<b>40.7</b> ± 3.0	<b>54.6</b> ± 4.0
	MCV fL	<b>77.2</b> ± 5.0	<b>90.5</b> ± 5.0	<b>96.7</b> ± 6.0
	MCH pg	<b>25.5</b> ± 2.5	<b>30.9</b> ± 2.5	<b>33.7</b> ± 2.5
	MCHC g/dL	<b>33.1</b> ± 3.0	<b>34.2</b> ± 3.0	<b>34.8</b> ± 3.0
	RDW-CV %	<b>18.5</b> ± 3.0	<b>17.2</b> ± 3.0	<b>17.0</b> ± 3.0
	RDW-SD fL	<b>53.8</b> ± 10.0	<b>57.9</b> ± 10.0	<b>60.4</b> ± 12.0
	PLT ×10 <sup>9</sup> /L	<b>77</b> ± 30	<b>286</b> ± 45	<b>582</b> ± 70
	PDW %	<b>12.8</b> ± 4.0	<b>13.2</b> ± 4.0	<b>13.9</b> ± 4.0
	MPV fL	<b>10.5</b> ± 3.0	<b>10.3</b> ± 3.0	<b>10.9</b> ± 3.0
	PCT %	<b>0.08</b> ± 0.08	<b>0.31</b> ± 0.20	<b>0.66</b> ± 0.20
	PLCR %	<b>30.9</b> ± 10.0	<b>29.2</b> ± 10.0	<b>34.2</b> ± 10.0
PLCC ×10 <sup>9</sup> /L	<b>25</b> ± 15	<b>87</b> ± 25	<b>207</b> ± 40	

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- 3) Controls must be well mixed before use. Please mix gently to avoid cells rupturing or generating bubbles.
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## ASSAY VALUES AND EXPECTED RANGES

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Instrument	Parameter	Low	Normal	High
EDAN H30 Pro iH30 Pro  Applicable for version 1.07 and higher.	WBC ×10 <sup>9</sup> /L	<b>2.17</b> ± 0.60	<b>8.22</b> ± 1.00	<b>20.61</b> ± 2.50
	LYM# ×10 <sup>9</sup> /L	<b>0.93</b> ± 0.50	<b>2.55</b> ± 0.70	<b>2.65</b> ± 1.40
	LYM %	<b>43.2</b> ± 10.0	<b>31.0</b> ± 9.0	<b>12.9</b> ± 8.0
	MXD# ×10 <sup>9</sup> /L	<b>0.37</b> ± 0.20	<b>0.54</b> ± 0.50	<b>0.90</b> ± 0.70
	MXD %	<b>17.3</b> ± 8.0	<b>6.6</b> ± 6.0	<b>4.3</b> ± 4.0
	NEUT# ×10 <sup>9</sup> /L	<b>0.86</b> ± 0.80	<b>5.13</b> ± 1.50	<b>17.06</b> ± 2.00
	NEUT %	<b>39.5</b> ± 10.0	<b>62.4</b> ± 8.0	<b>82.8</b> ± 6.0
	RBC ×10 <sup>12</sup> /L	<b>2.30</b> ± 0.30	<b>4.50</b> ± 0.40	<b>5.65</b> ± 0.50
	HGB g/dL	<b>5.7</b> ± 0.6	<b>13.6</b> ± 0.6	<b>18.6</b> ± 0.8
	HCT %	<b>17.7</b> ± 2.0	<b>40.7</b> ± 3.0	<b>54.6</b> ± 4.0
	MCV fL	<b>77.2</b> ± 5.0	<b>90.5</b> ± 5.0	<b>96.7</b> ± 6.0
	MCH pg	<b>25.5</b> ± 2.5	<b>30.9</b> ± 2.5	<b>33.7</b> ± 2.5
	MCHC g/dL	<b>33.1</b> ± 3.0	<b>34.2</b> ± 3.0	<b>34.8</b> ± 3.0
	RDW-CV %	<b>18.5</b> ± 3.0	<b>17.2</b> ± 3.0	<b>17.0</b> ± 3.0
	RDW-SD fL	<b>53.8</b> ± 10.0	<b>57.9</b> ± 10.0	<b>60.4</b> ± 12.0
	PLT ×10 <sup>9</sup> /L	<b>77</b> ± 30	<b>286</b> ± 45	<b>582</b> ± 70
	PDW %	<b>12.8</b> ± 4.0	<b>13.2</b> ± 4.0	<b>13.9</b> ± 4.0
	MPV fL	<b>10.5</b> ± 3.0	<b>10.3</b> ± 3.0	<b>10.9</b> ± 3.0
	PCT %	<b>0.08</b> ± 0.08	<b>0.31</b> ± 0.20	<b>0.66</b> ± 0.20
	PLCR %	<b>30.9</b> ± 10.0	<b>29.2</b> ± 10.0	<b>34.2</b> ± 10.0
PLCC ×10 <sup>9</sup> /L	<b>25</b> ± 15	<b>87</b> ± 25	<b>207</b> ± 40	

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Instrument	Parameter	Low	Normal	High
EDAN H30 Vet iH30 Vet H31 Vet	WBC ×10 <sup>9</sup> /L	<b>2.13</b> ± 0.60	<b>7.97</b> ± 1.00	<b>18.75</b> ± 2.50
	LYM# ×10 <sup>9</sup> /L	0.91 ± 0.50	2.74 ± 0.70	3.11 ± 1.40
	LYM %	42.6 ± 10.0	34.4 ± 9.0	16.4 ± 8.0
	MON# ×10 <sup>9</sup> /L	0.15 ± 0.15	0.51 ± 0.40	0.20 ± 0.20
	MON %	7.3 ± 7.3	6.4 ± 4.9	1.1 ± 1.0
	GRA# ×10 <sup>9</sup> /L	1.07 ± 0.80	4.72 ± 1.50	15.44 ± 2.00
	GRA %	50.1 ± 10.0	59.2 ± 8.0	82.5 ± 6.0
	RBC ×10 <sup>12</sup> /L	<b>2.15</b> ± 0.30	<b>4.21</b> ± 0.40	<b>5.34</b> ± 0.50
	HGB g/dL	<b>5.6</b> ± 0.6	<b>13.4</b> ± 0.6	<b>18.3</b> ± 0.8
	HCT %	14.7 ± 2.0	34.6 ± 3.0	47.6 ± 4.0
	MCV fL	<b>68.5</b> ± 5.0	<b>82.1</b> ± 5.0	<b>89.0</b> ± 6.0
	MCH pg	26.9 ± 2.5	32.8 ± 2.5	35.6 ± 2.5
	MCHC g/dL	39.2 ± 3.0	40.0 ± 3.0	40.0 ± 3.0
	RDW-CV %	17.0 ± 3.0	15.6 ± 3.0	15.2 ± 3.0
	RDW-SD fL	45.8 ± 10.0	49.1 ± 10.0	50.9 ± 12.0
	PLT ×10 <sup>9</sup> /L	<b>77</b> ± 30	<b>267</b> ± 45	<b>564</b> ± 70
	PDW %	20.4 ± 4.0	16.0 ± 4.0	16.8 ± 4.0
	MPV fL	11.7 ± 3.0	10.3 ± 3.0	10.8 ± 3.0
	PCT %	0.07 ± 0.07	0.21 ± 0.20	0.46 ± 0.20
	PLCR %	17.3 ± 10.0	9.9 ± 9.8	11.7 ± 10.0
PLCC ×10 <sup>9</sup> /L	10 ± 9	20 ± 20	50 ± 40	

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- 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.
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