

ED-CAL PLUS**CALIBRATOR**

ASSAY VALUES AND EXPECTED RANGES

LOT PLUS0425


🕒 2025-05-05

Instrument	Parameter	Reference Value	Deviation
H50 H51	WBC ×10 ⁹ /L	9.4	±0.3
	RBC ×10 ¹² /L	4.57	±0.06
	HGB g/L	130	±2
	MCV fL	73.4	±0.4
	PLT ×10 ⁹ /L	259	±10
	MPV fL	11.6	±0.2
H30 H31 iH30	WBC ×10 ⁹ /L	9.2	±0.3
	RBC ×10 ¹² /L	4.48	±0.06
	HGB g/L	132	±2
	MCV fL	83.6	±0.4
	PLT ×10 ⁹ /L	233	±10
	MPV fL	9.8	±0.2
H30 Pro iH30 Pro	WBC ×10 ⁹ /L	9.37	±0.30
	RBC ×10 ¹² /L	4.64	±0.06
	HGB g/L	135	±2
	MCV fL	88.0	±0.4
	PLT ×10 ⁹ /L	263	±10
H60, H66, H68, H69 H60S, H66S, H68S, H69S	WBC ×10 ⁹ /L	9.22	±0.30
	RBC ×10 ¹² /L	4.34	±0.06
	HGB g/L	130	±2
	MCV fL	89.5	±0.4
	PLT ×10 ⁹ /L	240	±10
DS-500, DS-500i, DS-580, DS-580i, DS-500C	WBC ×10 ⁹ /L	9.71	±0.30
	RBC ×10 ¹² /L	4.53	±0.06
	HGB g/L	130	±2
	MCV fL	88.8	±0.4
	PLT ×10 ⁹ /L	247	±10

【NOTE】

- 1) The calibrator should be stored in the refrigerator (2~8°C). After opening, it will keep stable for 7 days when it is stored airtight at 2~8°C.
- 2) Please equilibrate the calibrator to room temperature (15~30°C) before using it.
- 3) The calibrator must be well mixed before use. Please mix gently to avoid cells rupturing or generating bubbles.
- 4) After using, put the calibrator back into the refrigerator (2~8°C) to prevent contamination and evaporation.

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Instrument	Parameter	Reference Value	Deviation
H60S CRP&SAA series H80 series	WBC $\times 10^9/L$	9.27	± 0.30
	RBC $\times 10^{12}/L$	4.46	± 0.06
	HGB g/L	131	± 2
	MCV fL	88.0	± 0.4
	PLT $\times 10^9/L$	248	± 10
H30 Vet iH30 Vet H31 Vet	WBC $\times 10^9/L$	9.26	± 0.30
	RBC $\times 10^{12}/L$	4.67	± 0.06
	HGB g/L	135	± 2
	MCV fL	80.9	± 0.4
	PLT $\times 10^9/L$	255	± 10
H60 Vet H66 Vet H68 Vet H69 Vet	WBC $\times 10^9/L$	9.48	± 0.30
	RBC $\times 10^{12}/L$	4.44	± 0.06
	HGB g/L	127	± 2
	MCV fL	80.6	± 0.4
	PLT $\times 10^9/L$	249	± 10
H90 Vet series	WBC $\times 10^9/L$	9.03	± 0.30
	RBC $\times 10^{12}/L$	4.89	± 0.06
	HGB g/L	132	± 2
	MCV fL	82.5	± 0.4
	PLT $\times 10^9/L$	244	± 10

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