

TD-4279C/D



FEATURES

- Display Glucose, Hematocrit, Hemoglobin, and Ketone Level
- 0 - 70% HCT Range
- Automatic Recognition of Quality Control Solution



2+2 Bio Signal



Sample Volume



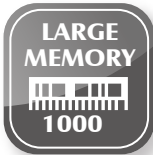
HCT Range



Strip Ejection



Large LCD Display



Memory Sets

SPECIFICATIONS

Blood Glucose	Ketone Warning	Yes
Plus β- Ketone	Communication	USB (TD-4279C) / Bluetooth (TD-4279D)
Monitoring System	Power Source	2 x AAA
	Memory Capacity	1000 sets
	Day Average	7, 14, 21, 28, 60, 90 days for blood glucose
	Daily Alarm	4 daily alarms
	Dimension	97 (L) x 62.2 (W) x 28.9 (H) mm
	Weight	67.5 g (without battery)
	Operating Condition	10°C~40°C, below 85% R.H.
Strip I Glucose Strip	Storage Condition	-20 °C ~ +60 °C (Meter); 2°C ~ 32°C (Strip)
	Units Per Carton	30
	Carton Size	476 (L) x 370 (W) x 400 (H) mm
	Cross Weight Per Carton	11.9 kg
	Enzyme Type	GDH-FAD
	Sample Size	1.0 µL
	Reaction Time	5 seconds
Strip II Ketone strip	Parameter	Glucose
	Measurement Range	10 - 700 mg/dL (0.56 - 38.89 mmol/L)
	Hematocrit Range	0% - 70%
	Precision	±5% with respect to standard
	Accuracy	±15mg/dL if ≤100mg/dL; ±15% if >100mg/dL
	Package	Vial pack
	Enzyme Type	HBD
Strip III Glucose, Hematocrit and Hemoglobin Strip	Sample Size	1.0 µL
	Reaction Time	10 seconds
	Measurement Range	0.1 ~ 8.0mmol/L (1.04 ~ 83.2mg/dL)
	Hematocrit Range	10% - 70%
	Precision	≤1mmol/L, SD<0.1mM; >1mmol/L, CV<7.5%
	Package	Single foil pack
	Enzyme Type	GDH-FAD
	Sample Size	1.0 µL
	Reaction Time	5 seconds
	Parameter	Glucose, Hematocrit and Hemoglobin level
	Measurement Range	10 - 700 mg/dL (0.56 - 38.89 mmol/L)
	Hematocrit Range	0% - 70%
	Precision	±5% with respect to standard
	Accuracy	±15mg/dL if ≤100mg/dL; ±15% if >100mg/dL
	Package	Single foil pack

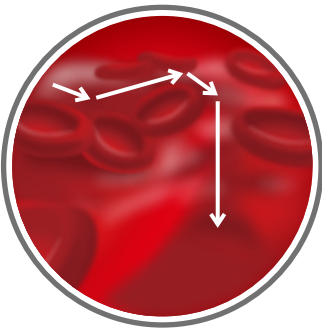


www.taidoc.com

TaiDoc Technology Corp.

B1-7F., No.127, Wugong 2nd Rd., Wugu Dist.,
New Taipei City 24888, Taiwan
Tel : +886-2-6625-8188 Fax : +886-2-6625-0288

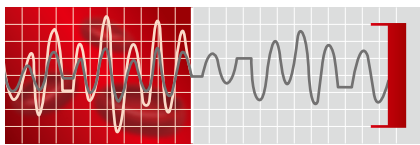
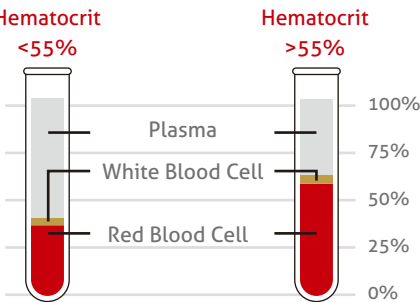
What is HCT?



Hematocrit (HCT) is the percentage of the red blood cells in your blood. The higher HCT level will have lower blood glucose result, and the lower HCT level will have higher blood glucose result.

Hematocrit (HCT) level varies between individuals, normal HCT level for

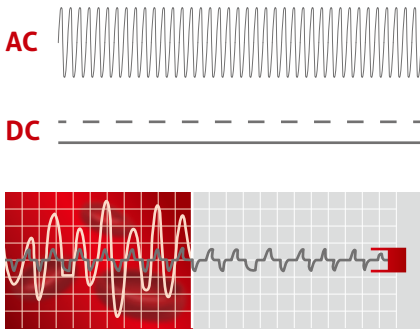
Adult Male	42% - 54%
Adult Female	38% - 46%
Kidney Dialysis Patients	> 33% - 36%



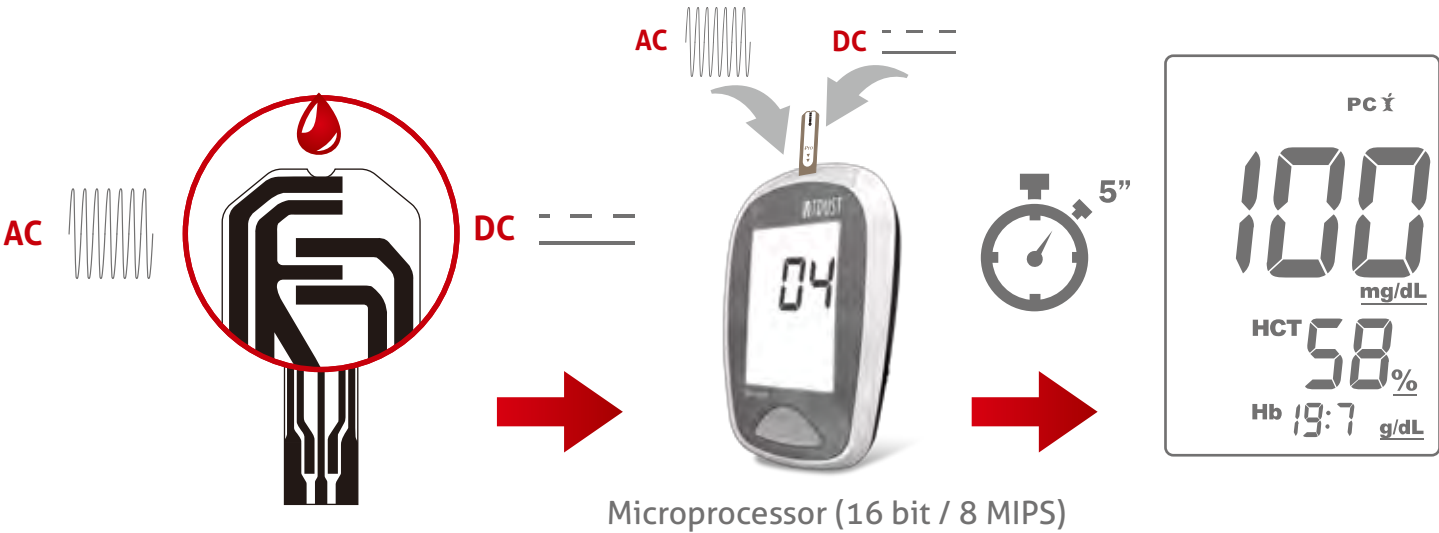
Benefits of the 2 + 2 Technology



- TaiDoc patented 2 + 2 (HCT Interference Compensation; 2 enzymes plus 2 signals) technology uses two different wales on the strips to detect HCT value by AC signal and glucose value by DC signal.
- Utilizing AC signal is used to calculate the hematocrit value in order to compensate the correct value for fast, small volume, accurate test.
- Utilizing DC signal is to calculate the glucose value.

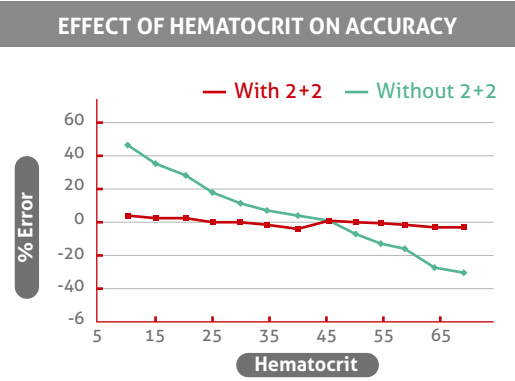
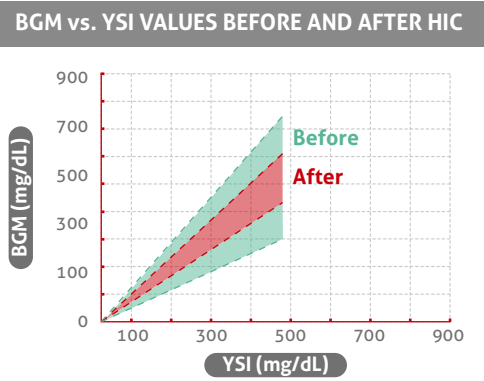


Feature



The Result

Simultaneous measurement of patient’s hematocrit with algorithmic adjustment of glucose result.



Why Measure Blood Ketone?



Ketones are a type of acid produced when there is a shortage of insulin in the blood and your body breaks down fat for fuel. The accumulation and elevated level of ketones will lead to diabetic ketoacidosis (DKA) which is a potentially life-threatening complication in diabetes patients, especially those with type1 diabetes.

American Diabetes Association now recommends testing your ketone level on sick days or blood glucose more than 300 mg/dL. A study in a New York Hospital also showed that if DKA was prevented at home, it could prevent physician visit, emergency department visit, and even hospital or intensive care admission.

TaiDoc Ketone Testing Result

β-ketone measurement result with 3 different lot (Reference method: β-Hydroxybutyrate LiquiColor)

