

Ordering Information

Product Name	Catalog Number	Components	Quantity
Hb pro Hemoglobin Testing System		Hb pro Hemoglobin Meter	1
		USB Cable	1
		Lancing Device	1
		User Manual	1
		AAA Battery	4
		Quick Guide	1
Hb pro Hemoglobin Testing System* Bluetooth		Hb pro Hemoglobin Meter(	1
		USB Cable	1
		Lancing Device	1
		User Manual	1
		AAA Battery	4
		Quick Guide	1
Hb pro Hemoglobin Microcuvttes		Canister of 50 Microcuvttes	4
		Product Insert	1

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Hemoglobin(Hb)is the protein contained in red blood cells that is responsible for delivery of oxygen to the tissues. To ensure adequate tissue oxygenation,a sufficient hemo lobin level must be maintained.

Low hemoglobin levels may be a sign of:

Different types of anemia

Iron deficiency

Cancer and other diseases

Thalassemia

Liver disease

High hemoglobin levels may be a sign of:

Lung disease

Polycythemia vera

Heart disease

The hematocrit(HCT)measures the volume of red blood cells compared to the total blood volume.



Hb pro



Hemoglobin Testing System

For testing hemoglobin in human whole blood

CE



Hb pro Hemoglobin Meter



Large, easy-to-read display

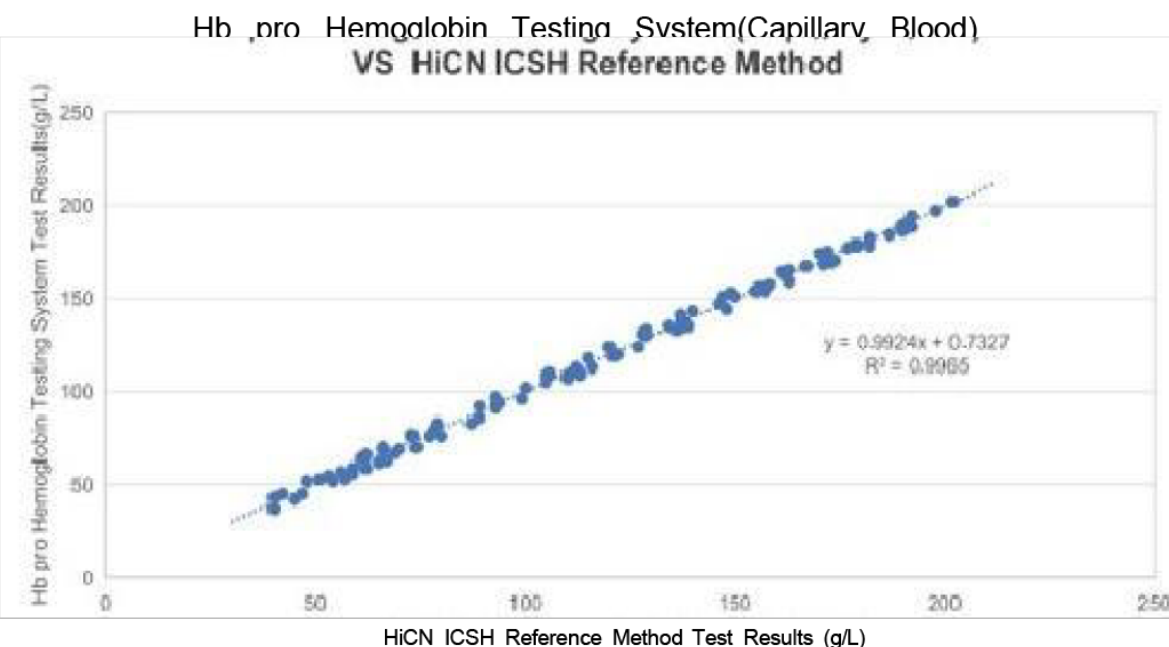
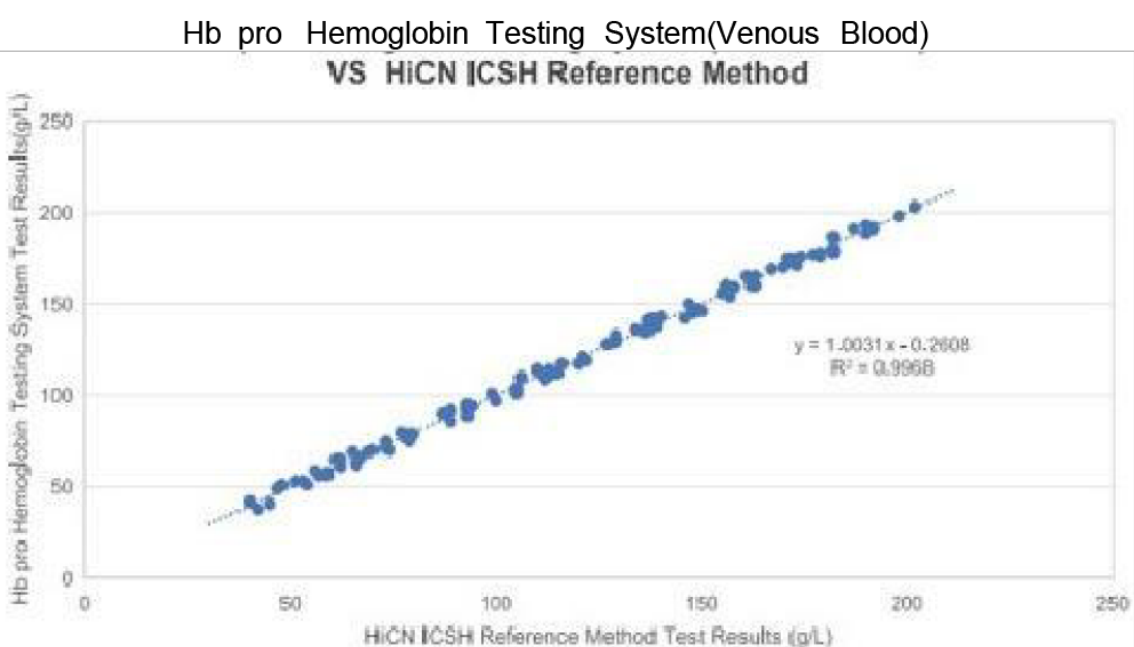
- Fast, reliable hemoglobin test result within 2 seconds
- Powered by batteries or via type-C USB cable
- Store up to 1000 results
- High accuracy without codechip required



Clinical Evaluation Study

Sample: Venous whole blood specimens with EDTA-K2 anticoagulant, Capillary blood specimens
Reference Method: ICSH reference method (HiCN method)

Linear regression of meter reading(y) VS reference value(x) with whole blood specimens				
Test item	Slope	Intercept	r	N
Venous Blood	1.0031	-0.2608	0.9984	100
Capillary Blood	0.9924	0.7327	0.9982	100



Hb pro Hemoglobin Cuvettes

Need less amount of specimen as 8µL



- Extended shelf life as 36 months, unopened or opened
- No toxic reagent or active ingredient
- Store temperature 0°C-50°C

Hb pro Hemoglobin Control Solution



12 month unopen shelf life

- Dropper tip bottles provide efficient use
- Store temperature 2°C-30°C

Specification

Feature	Technical Specifications
Methodology	Spectrophotometry
Test Item	Hemoglobin(HB), Calculated HCT
Test Time	<2 seconds
Measurement Range	HB: 0-26 g/dL, 0-260 g/L or 0-16.1 mmol/L; HCT: 0%-75%;
Specimen	Capillary or venous whole blood
Specimen Volume	8 µL
Accuracy	Venous blood: $y = 1.0031x - 0.2608$ $r = 0.9984$ Capillary blood: $y = 0.9924x + 0.7327$ $r = 0.9982$
Precision	0-10.0 g/dL: $SD \leq 0.2$ g/dL; >10.0 g/dL: $CV \leq 2\%$;
Power Source	4 AAA (LR03) Batteries or AC adapter
Battery Life	≥ 360 hours or 2,700 tests
Units of Measurement	g/dL, g/L, mmol/L
Memory	1000 records with Date/Time
Data Transfer	Type-C USB, Bluetooth (only for Model BC-202)
Automatic Shut Off	8 minutes after last use
Meter Dimensions (L×W×H)	190 mm×92 mm×52 mm (7.50" × 3.62" × 2.05")
Display Dimensions (L×W)	50 mm×50 mm (1.97" × 1.97")
Weight (without batteries)	650 g (9.52 oz.)
Storage Conditions	Meter: -20-55°C (-4-131°F); Microcuvettes: 2-30°C (36-86° F)
Operating Conditions	2-40°C (36-104° F)