

SHENACELL[™] Hb101

For testing Hemoglobin in whole blood



Technical specification

Measurement parameter	Hemoglobin
Measurement method	Spectrophotometry
Spectroscopy wavelength	530 nm 940 nm
Dimensions	155mm x 90mm x 55mm
Weight	265 g
Operating temperature	5 °C to 40 °C
Operating humidity	up to 80% at 31 °C up to 50% at 40 °C
Storage temperature	0 °C to 50 °C
Reactive	There are no active reagents in the microcuvettes
Test time	Less than 15 seconds
Measurement range	5-25 g/dL
Sample type	Capillary or venous blood
Sample preparation	It does not require special preparation
Sample size	Less than 10 microliters
Power supply	USB type C charger (5V --- 2A) The internal lithium-ion battery 4 days in standby mode
Memory	The results of the last 800 tests
Screen	LCD Segment display 3.2 inch
Correlation coefficient	$r = 0.99$
Precision	$CV \leq 2.8\%$
Calibration	Factory calibrated No need to recalibrate
Quality control	internal test (with this test, the performance of the device is checked every time hemoglobin is measured)
	For further investigation, the recommended Shenacell Hb 101 blood control can be used



For More information
SCAN the QR Code



Only use with
SHENACELL HB101
Microcuvets