



# Cholesterol Monitoring System

Lipid panel testing for  
professional and self use



**5 Parameter Test:**  
Lipid Panel & Individual



**Portable**



**Sample Type:**  
Whole Blood, Serum, Plasma



**Cardiac Risk**  
Assessment



**Clinical Accuracy:**  
CRMLN Certified



# Cholesterol Monitoring System



## Mission® Cholesterol Meter

- Large, easy to read display
- Fast, reliable lipid test results
- Compact, ergonomic design
- Enhanced memory, stores up to 200 results



## 3 in 1 Lipid Test\*

- Tests for the complete lipid panel
  - Total Cholesterol (CHOL)
  - High-Density Lipoprotein (HDL)
  - Triglycerides (TRIG)
  - Calculated Low-Density Lipoprotein, CHOL/HDL ratio
  - Cardiac Risk Assessment (CHD)
- 18 months extended shelf life
- Room temperature storage
- Individually pouched test device preserve stability

\*Individual CHOL, HDL, and TRIG tests are also available

High blood cholesterol is a major risk factor for cardiovascular disease

**Total Cholesterol** – the total amount of cholesterol in blood

**HDL (Good) Cholesterol** – reduces the risk of cardiovascular disease (CVD) by carrying LDL away from the blood stream for disposal

**LDL (Bad) Cholesterol** – contributes to the buildup of plaque (a thick, hard deposit that can clog arteries) increasing the risk of heart attack and stroke

**Triglycerides** – the most common type of fat in the body

**CHOL/HDL ratio** – predicts your risk of developing CVD, a higher ratio indicates a higher risk of CVD

**CHD** – evaluates your 10 year risk of developing CVD

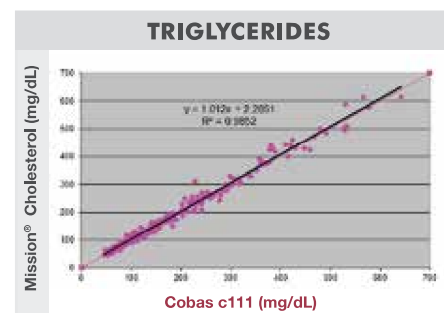
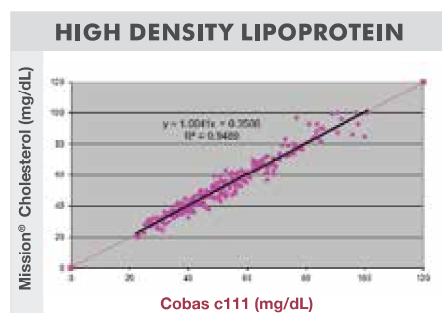
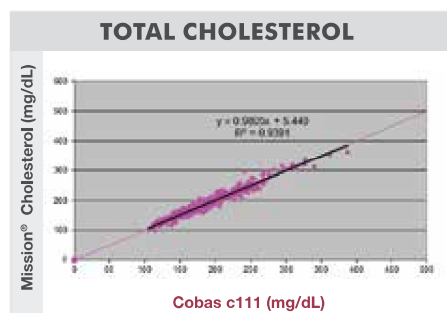
# Clinical Evaluation Study

Accuracy comparable to laboratory analyzers

Test Method: *Mission*<sup>®</sup> Cholesterol Monitoring System  
 Comparative Method: Roche Cobas<sup>®</sup> c111 chemistry analyzer

Specimen Type: Capillary whole blood\*  
 Units of measurement: mg/dL

<i>Mission</i> <sup>®</sup> Cholesterol Monitoring System vs Roche Cobas				
ANALYTE	N	SLOPE	INTERCEPT	R
Total Cholesterol	292	0.98	5.45	0.97
High Density Lipoprotein	292	1.00	0.35	0.97
Triglycerides	292	1.01	2.29	0.99



\*Evaluation data for venous blood is available upon request

## *Mission*<sup>®</sup> Cholesterol Specifications

FEATURE	TECHNICAL SPECIFICATIONS
Analyzer Type	Handheld Meter
Methodology	Reflectance Photometry
Test	Total Cholesterol (CHOL), High-Density Lipoprotein (HDL) Triglycerides (TRIG), Calculated Low-Density Lipoprotein (LDL), CHOL/HDL ratio, Cardiac Risk Assessment (CHD)
Time to Results	≤ 2 Minutes
Memory	200 Results with Date/Time
HCT	30-50%
Specimen Volume	10µL (Individual Tests) or 35µL (3-1 Lipid Panel Test)
Specimen Type	Capillary or Venous Whole Blood, Serum or Plasma
CHOL Measurement Range	100-500 mg/dL (2.59-12.93 mmol/L)
HDL Measurement Range	15-100 mg/dL (0.39-2.59 mmol/L)
TRIG Measurement Range	45-650 mg/dL (0.51-7.34 mmol/L)
PC Interface	Mini-USB
Operating Conditions	15-40°C (59-104°F)
Storage Conditions	Meter: 0-50°C (32-122°F), Test Devices: 2-30°C (36-86°F)
Test Device Shelf Life	18 months
Power Source	4 AAA Batteries or AC Adapter
Battery Life	≥1,000 Tests
Meter Dimensions (L x W x H)	137 mm x 79 mm x 26 mm (5.4" x 3.1" x 1.0")
Display Dimensions (L x W)	50 mm x 50 mm (2.0" x 2.0")
Weight Excluding Batteries	145 g (5.11 oz.)