



# Cholesterol Monitoring System

Lipid panel testing for professional and self-test use



**5-Parameter**  
Lipid Panel & Individual Tests



**Portable**



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



**Cardiac Risk**  
Assessment



**Clinical Accuracy:**  
CRMLN Certified



## 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 Panel Test Device\*

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

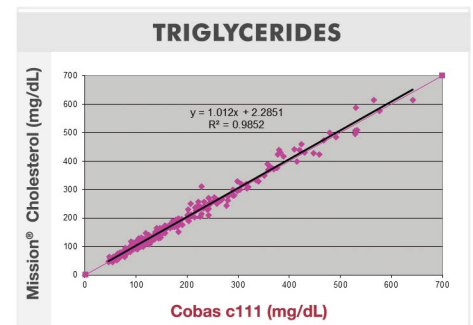
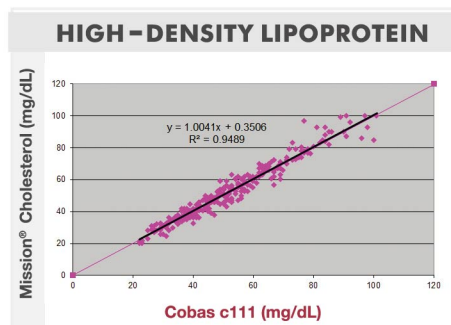
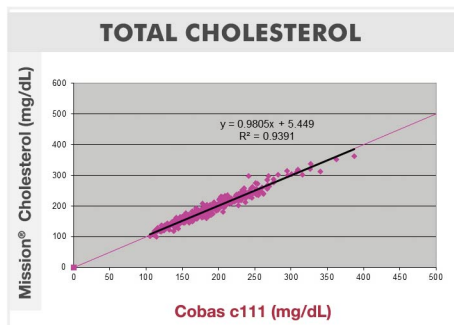
Accuracy comparable to laboratory analyzers

**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

*Mission*<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	SPECIFICATIONS
Detection Principle	Reflectance Photometry
Tests	Total Cholesterol (CHOL), High-density Lipoprotein (HDL), Triglycerides (TRIG), Calculated Low-density Lipoprotein (LDL), CHOL/HDL ratio, Cardiac Risk Assessment
Time to Results	≤2 Minutes
Memory	200 results with Date/Time
Specimen Volume	10 µL (Individual Tests) or 35 µL (3-in-1 Lipid Panel Test)
Specimen Type	Capillary or Venous Whole Blood, Serum or Plasma
Measurement Units	mg/dL or mmol/L
Measurement Range	CHOL: 100-500 mg/dL (2.6-12.93 mmol/L) HDL: 15-100 mg/dL (0.39-2.59 mmol/L) TRIG: 45-650 mg/dL (0.51-7.34 mmol/L)
HCT	30-50%
Within-run Precision (CV%)	CHOL: 100-500 mg/dL (2.6-12.9 mmol/L) (≤5.0%) HDL: 30-100 mg/dL (0.8-2.6 mmol/L) (≤5.0%) TRIG: 100-650 mg/dL (1.1-7.3 mmol/L) (≤5.0%)
Accuracy	CHOL: Y=0.9805X+5.449, R²=0.9391 HDL: Y=1.0041X+0.3506, R²=0.9489 TRIG: Y=1.012X+2.2851, R²=0.9852
PC Interface	Mini USB Port
Calibration	Code Chip
Operating Conditions	15-40°C (59-104°F); RH≤90%
Storage Conditions	Meter: 0-50°C (32-122°F); Device: 2-30°C (36-86°F)
Test Device/Strip Shelf Life	Unopened pouch: 18 months
Power Source	4 AAA Batteries or AC Adaptor
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 without Batteries	145 g (5.11 oz)

# Ordering Information

PRODUCT NAME	CATALOG NO.	COMPONENTS	
<i>Mission</i> <sup>®</sup> Cholesterol Meter	C111-2021★	1 Meter 1 Manual 2 Control Devices (2/canister) 1 Carrying Case	1 Control Device Insert 1 Quick Reference Guide 1 Warranty Card 4 Batteries
	C111-2041*	1 Meter 1 Manual 2 Control Devices (2/canister) 1 Carrying Case 5 Safety Lancets	1 Control Device Insert 1 Quick Reference Guide 1 Warranty Card 4 Batteries
<i>Mission</i> <sup>®</sup> Cholesterol Test Device-3-in-1 Lipid Panel (with Safety Lancets)	C131-2051★	5 Test Devices (Individual Pouch) 5 Capillary Transfer Tubes	5 Safety Lancets 1 Code Chip 1 Package Insert
<i>Mission</i> <sup>®</sup> Cholesterol Test Device-3-in-1 Lipid Panel	C131-2041★	<b>Package 1:</b> 5 Test Devices (Individual Pouch) 5 Capillary Transfer Tubes	<b>Package 2:</b> 25 Test Devices (Individual Pouch) 25 Capillary Transfer Tubes
<i>Mission</i> <sup>®</sup> Cholesterol Test Device-CHOL Total Cholesterol	C131-2011*	1 Code Chip	1 Code Chip
<i>Mission</i> <sup>®</sup> Cholesterol Test Device-HDL High Density Lipoprotein	C131-2031*	1 Device Insert	1 Device Insert
<i>Mission</i> <sup>®</sup> Cholesterol Test Device-TRIG Triglyceride	C131-2021*	1 Tube Insert	1 Tube Insert
<i>Mission</i> <sup>®</sup> Cholesterol CTRL Control Devices	C121-2021*	2 Control Devices (2/canister)	1 Package Insert
<i>Mission</i> <sup>®</sup> Cholesterol Control Solution	C121-2011*	<b>For 3-in-1 Lipid Panel</b> 1 CHOL Control Solution 1(Normal level, 2 mL/bottle) 1 CHOL Control Solution 2(High level, 2 mL/bottle) 1 HDL/TRIG Control Solution 1(Normal level, 2 mL/bottle) 1 HDL/TRIG Control Solution 2(High level, 2 mL/bottle) 1 Package Insert	
<i>Mission</i> <sup>®</sup> Capillary Transfer Tubes	C121-3081	50 Capillary Transfer Tubes(10 µL and 35 µL)	1 Package Insert
<i>Mission</i> <sup>®</sup> Lancets	C121-3041*	100 Lancets (26G)	1 Package Insert
<i>Mission</i> <sup>®</sup> Lancing Device	C121-3051√	1 Lancing Device	1 Lancing Device Insert
<i>Mission</i> <sup>®</sup> Safety Lancets I	C121-3061*	25 Safety Lancets (21G/2.8mm)	
<i>Mission</i> <sup>®</sup> Safety Lancets III	C121-3101*	50 Safety Lancets (21G/2.2mm)	
<i>Mission</i> <sup>®</sup> Adaptor Kit	C121-3011√	1 Power Adaptor	1 Plug
<i>Mission</i> <sup>®</sup> Printer	C121-1021√	1 Printer 1 Paper Roll 1 Package Insert	1 Cable 1 Adapter 1 Warranty Card

√ CE Marked \* CE0123 ★US 510 (k) cleared



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