



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



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

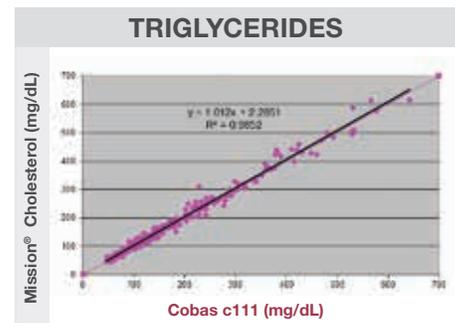
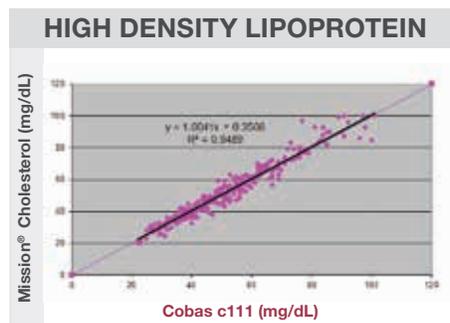
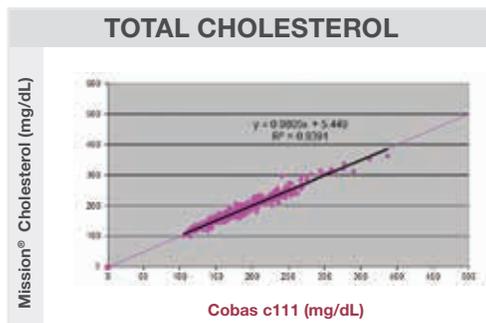
Accuracy comparable to laboratory analyzers

Test Method: *Mission*[®] Cholesterol Monitoring System
Comparative Method: Roche Cobas[®] c111 chemistry analyzer

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

Mission[®] 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[®] 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.)

Ordering Information

PRODUCT NAME	CATALOG NO.	COMPONENTS	
Mission® Cholesterol Meter	C111-2041 ♦	1 Meter 1 Manual 2 Control Devices (2/canister) 1 Carrying Case 4 AAA Batteries	1 Control Device Insert 1 Quick Reference Guide 1 Warranty Card 5 Safety Lancets (5/bag)
Mission® Cholesterol Meter	C111-2021 ♦	1 Meter 1 Manual 2 Control Devices (2/canister) 1 Carrying Case 4 AAA Batteries	1 Control Device Insert 1 Quick Reference Guide 1 Warranty Card NO LANCETS
Test Devices – 3-1 Lipid Panel (with Safety Lancets)	C131-2051 ♦	5 Test Devices (Individual Pouch) 5 Capillary Transfer Tubes	5 Safety Lancets 1 Code Chip
Test Devices – 3-1 Lipid Panel	C131-2041 ♦	Package 1: 5 Test Devices (Individual Pouch) 5 Capillary Transfer Tubes 1 Code Chip 1 Package Insert	Package 2: 25 Test Devices (Individual Pouch) 25 Capillary Transfer Tubes 1 Code Chip 1 Package Insert
Test Devices – CHOL Total Cholesterol	C131-2011 ♦		
Test Devices – HDL High Density Lipoprotein	C131-2031 ♦		
Test Devices – TRIG Triglycerides	C131-2021 ♦		
CTRL Control Devices	C121-2021 ♦	2 Control Devices (2/canister)	1 Package Insert
Control Solution	C121-2011 ♦	For 3-1 Lipid Panel 1 CHOL Control Solution 1 (Normal level, 2mL/bottle) 1 CHOL Control Solution 2 (High level, 2mL/bottle) 1 HDL/TRIG Control Solution 1 (Normal level, 2mL/bottle) 1 HDL/TRIG Control Solution 2 (High level, 2mL/bottle) 1 Package Insert *For CHOL/HDL/TRIG Individual Devices 1 CHOL Control Solution 1 (Normal level, 2mL/bottle) 1 CHOL Control Solution 2 (High level, 2mL/bottle) 1 HDL/TRIG Control Solution 1 (Normal level, 2mL/bottle) 1 HDL/TRIG Control Solution 2 (High level, 2mL/bottle) 1 Package Insert	
Mission® Capillary Transfer Tubes	C121-3081 √	50 Capillary Transfer Tubes (10µL and 35µL)	
Mission® Lancets	C121-3041 ♦	100 Lancets (26G/4.3mm)	
Mission® Lancing Device	C121-3051 √	1 Lancing Device	1 Lancing Device Insert
Mission® Safety Lancets I	C121-3061 ♦	25 Lancets/Kit (21G/2.8mm)	
Mission® Adapter Kit	C121-3011 √	1 Power Adapter	1 Plug
Mission® Printer	C121-1021 √	1 Printer 1 Paper Roll 1 Package Insert	1 Cable 1 Adapter

*Coming Soon √ CE Marked ♦ CE 0123 FDA 510(k) pending



ACON also offers other rapid diagnostic and medical products including: Blood Glucose Monitoring Systems, Clinical Chemistry including Urinalysis, Immunoassay EIA/ELISA and more. CE Marked for sale in the European Community.



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