



Lipid Testing System

For testing blood lipid
in human whole blood, plasma, and serum.

Just need 25 μ L specimen for TC/HDL/TG 3 in 1 testing



BOSURE

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BioAid[®] Lipid Meter



- **Portable**
Compact and lightweight
easy to transport and store
Handheld, battery-operated
- **Fast**
Within 120s
- **Reliable**
Operatable between 15°C and 40°C

BioAid[®] 3 in 1 Lipid Test Devices

- Need less amount of specimen as **25µL**
- **Tests for the complete lipid panel**
 - Total Cholesterol (TC)
 - High Density Lipoprotein Cholesterol (HDL)
 - Triglycerides (TG)
 - Calculated Low Density Lipoprotein Cholesterol (LDL)
 - Calculated TC/HDL ratio
- Extended shelf life as 18 months



Total Cholesterol (TC)- the total amount of cholesterol in blood

High Density Lipoprotein Cholesterol (HDL) - good cholesterol, reduce the risk of CVD by carrying LDL away from the blood stream for disposal

Low Density Lipoprotein Cholesterol (LDL) - bad cholesterol, contributes to the buildup of plaque increasing the risk of heart attack and stroke

Triglycerides (TG) - the most common type of fat in the body

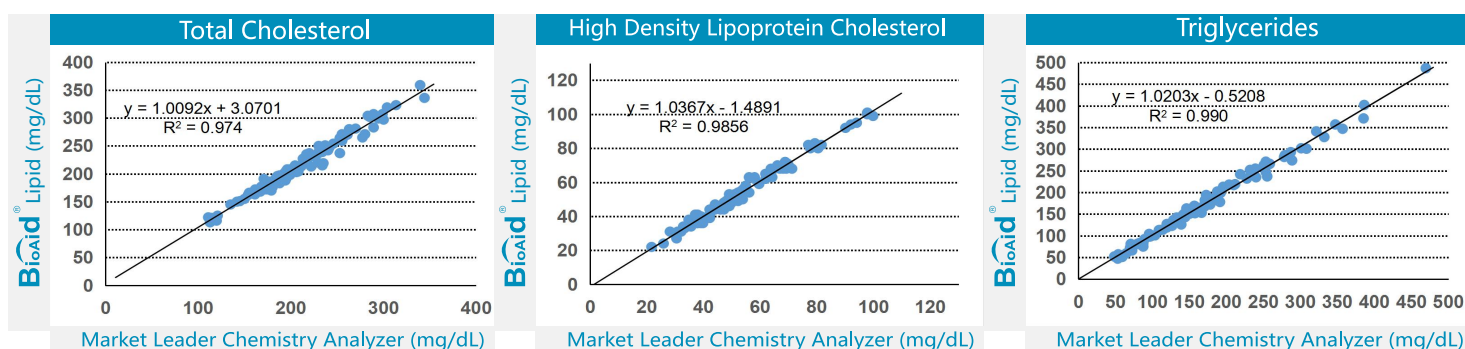
TC/HDL ratio - a higher ratio indicates a higher risk of CVD

Clinical Evaluation Study

BioAid® Lipid Testing System vs Chemistry Analyzer*

Analyte	N	Slope	Intercept	R
Total Cholesterol	100	1.0092	3.0701	0.9869
High Density Lipoprotein Cholesterol	100	1.0367	-1.4891	0.9928
Triglycerides	100	1.0203	-0.5208	0.9950

* Venus blood sample test results



BioAid® Lipid Specification

Feature	Technical Specifications
Methodology	Reflectance Photometry
Test	Total cholesterol(TC), High Density Lipoprotein cholesterol (HDL), Triglycerides(TG), Calculated Low Density Lipoprotein cholesterol (LDL), TC/HDL ratio
Test Time	≤ 2 mins
Measurement Range	TC: 100-500 mg/dL (2.59-12.93 mmol/L) HDL: 15-120 mg/dL (0.39-3.10 mmol/L) TG: 45-650 mg/dL (0.51-7.34 mmol/L)
Specimen	Capillary or venous whole blood, serum or plasma
Specimen Volume	10 µL for individual test; 25 µL for 3 in 1 test
Power Source	3 AAA (LR03) Batteries or AC adapter
Battery Life	≥85 hours or 1,000 tests
Units of Measurement	mg/dL, mmol/L
Memory	200 records with Date/Time
PC Interface	Mini USB
Automatic Shut Off	5 minutes after last use
Meter Dimensions (L × W × H)	142 mm × 70 mm × 27 mm (5.59" × 2.76" × 1.06")
Display Dimensions (L × W)	50 mm × 50 mm (1.97" × 1.97")
Weight (without batteries)	130 g (4.59 oz.)
Storage Conditions	Meter: 0-50°C (32-122°F); Test Devices: 2-30°C (36-86°F)
Operating Conditions	15-40°C (59 -104°F)

Ordering Information

Product Name	Catalog Number	Components	Quantity
Lipid Testing System	LC-101-1	Lipid Meter	1
		Control Devices	2
		Carrying Case	1
		User Manual	1
		Warranty Card	1
Lipid Testing System Starter Kit	LC-101-2	Lipid Meter	1
		Lipid Testing Device (3 in 1)	5
		Code Chip	1
		Control Devices	2
		Safety Lancets	5
		Carrying Case	1
		User Manual	1
		Test Device Insert	1
		Warranty Card	1
		Capillary transfer tubes (25uL)	5
3 in 1 Lipid Test Devices	LS-101-2	Canister of 5 Test Devices (3 in 1)	4
		Code Chip	1
		Test Device Insert	1
		Capillary transfer tubes (25uL)	20
TC Lipid Test Devices	LS-111-2	Canister of 5 Test Devices (TC)	4
		Code Chip	1
		Test Device Insert	1
		Capillary transfer tubes (10uL)	20
HDL Lipid Test Devices	LS-121-2	Canister of 5 Test Devices (HDL)	4
		Code Chip	1
		Test Device Insert	1
		Capillary transfer tubes (10uL)	20
TG Lipid Test Devices	LS-131-2	Canister of 5 Test Devices (TG)	4
		Code Chip	1
		Test Device Insert	1
		Capillary transfer tubes (10uL)	20
Lipid Control Devices	LA-101-1	Canister of 2 Test Devices	2
		Control Device Insert	1
Capillary transfer tubes (10uL)	LA-111-1	10uL Capillary transfer tubes (plastic)	20
Capillary transfer tubes (25uL)	LA-121-1	25uL Capillary transfer tubes (plastic)	20

All of products CE marked



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