

JANT

PHARMACAL CORPORATION

LipidPlus™

LipidPlus™ Test System



**CLIA
Waived!**



The LipidPlus™ point of care test system conveniently tests for **total cholesterol**, **HDL** (high density lipoprotein) cholesterol and **triglycerides** using capillary whole blood. **LDL** cholesterol is calculated using Friedewald's formula.


This test system also measures glucose levels using only 0.3 μ l of capillary whole blood.

Features:

- Lipid panel in convenient single strip format
- Room temperature storage
- Rapid results in about two minutes
- Small sample size
- Automatic code recognition by RFID-tag
- System includes both LipidPlus™ Analyzer and Printer

LipidPlus™ Test System



1. Insert test strip and press mode  button



2. Verify that code appearing on meter matches that on strip vial.



3. Press mode button again, and collect blood sample using capillary rod.

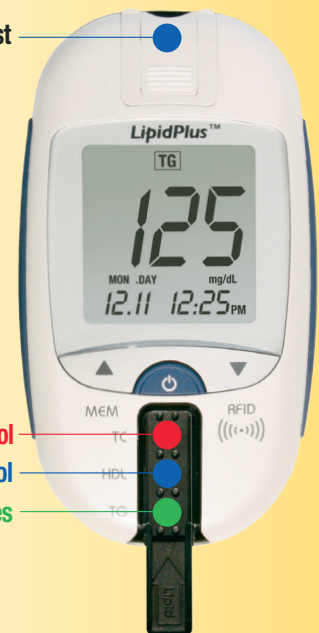


4. Apply blood sample to test area.

Specification

	Glucose	Cholesterol	Triglyceride	HDL
Measuring principle	Enzyme oxidation reaction	Enzyme chromophoric reaction	Enzyme chromophoric reaction	Enzyme chromophoric reaction
Measuring method	Electrochemistry	Spectroscopy	Spectroscopy	Spectroscopy
Measuring range	20~600mg/dl	100~400mg/dl	70~600mg/dl	25~80mg/dl
Measuring time	3sec	About 2min	About 2min	About 2min
Sample volume	0.3ul	About 5ul	About 5ul	About 5ul
R ²	0.98	0.95	0.97	0.9
CV	<5%	<5%	<5%	≤ 40mg/dL ± 5mg/dL >40mg/dL, <7%
Hct influence	30~55%	30~55%	30~55%	30~55%

Blood Glucose Test



Total Cholesterol

HDL Cholesterol

Triglycerides

Calculation of LDL (Friedewald's formula)

$$LDL = TC - HDL - (TG/5)$$

When TG is over 350mg/dL, LDL is not calculated.

Product Configurations:

Lipid Profile Test Strips (10/box) Catalog #MD530
Tests for Total Cholesterol, HDL and Triglycerides

Total Cholesterol Test Strips (10/box) Catalog #MD532

HDL (high density lipoprotein) Test Strips (10/box) Catalog #MD534

Triglyceride Test Strips (10/box) Catalog #MD536

Glucose Test Strips (50/box) Catalog #MD540

Introductory Product Package Catalog #MD520
Includes 400 Lipid Profile Test Strips, 400 Glucose Test Strips, Analyzer and Printer

LipidPlus Analyzer Catalog #MD550

LipidPlus Printer Catalog #MD551

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