



# Comprehensive Cardiovascular Assessment



63 Zillicoa Street  
Asheville, NC 28801  
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Patient: **SAMPLE PATIENT**

**Order Number:**  
Completed: October 22, 2009  
Received: October 22, 2009  
Collected: October 22, 2009

Age: 57  
Sex: M  
MRN:

This test reveals important clinical information about:

- **Standard lipid risk markers for cardiovascular disease (CVD) risk**, including triglycerides, total cholesterol, LDL cholesterol, and Apo B
- **Protective factors HDL cholesterol and Apo A-1**, along with significant lipid ratios
- **Independent risk factors for CVD risk**, including C-reactive protein, homocysteine, Lp(a), and fibrinogen
- **Synergy of risk factors**, reflected by an overall Cardiovascular Risk Index

## CV Factors

### Optimal Range

Triglycerides	75	<= 149 mg/dL
Total Cholesterol	175	150-199 mg/dL
LDL Cholesterol	75	<= 99 mg/dL
Apo B	75	55-140 mg/dL

## Independent CV Factors

### Optimal Range

Lp(a)	15	<= 32 mg/dL
Homocysteine	7.50	3.00-10.00 umol/L
hs-CRP	0.50	<= 1.00 mg/L
Fibrinogen	300.0	180.0-350.0 mg/dL

## Protective Factors

### Optimal Range

HDL Cholesterol	75	>= 40 mg/dL
Apo A-1	200	110-205 mg/dL

## Ratios

### Optimal Range

Total Cholesterol / HDL	2.3	1.0-4.8
Apo B / Apo A-1	0.38	0.35-1.00

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For test kits, clinical support, or more information contact:

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More detailed publications with references are also available: [www.GDX.net](http://www.GDX.net)