

	GOAL	MODERATE RISK	HIGH RISK	PREVIOUS PANEL		GOAL	Units
				Result	Date		
<b>NCEP ATP III* Lipid Tests</b>							
Total Cholesterol	185					<200	mg/dL
LDL Chol		109				<100*	mg/dL
Non-HDL Chol		146				<130*	mg/dL
HDL Chol			39			>40	mg/dL
VLDL			37			<30	mg/dL
Chol / HDL Ratio		4.7				<4	Ratio
Triglycerides		186				<150	mg/dL
<b>Advanced Risk Markers</b>							
Lp-PLA2		270				<200	ng/dL
CRP (Cardiac Risk, HS)			6.2			<1.0	mg/L
Homocysteine	7.3					<10	umol/L
Lipoprotein (a)			94			<30	mg/dL
Apo B		94				<80	mg/dL
sd-LDL		20				<20	mg/dL
HDL2b		18				>25	%
Vitamin D		29				>30	mg/dL
Apo E	E3/E3					E3/E3, E2/E3	
Factor V Leiden	Negative					Negative	

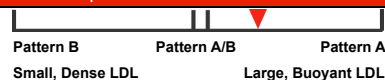
	Normal	Abnormal	Reference Range	Units
TSH		4.12	0.34-4.00	mIU/ml
Insulin		28	1.9-23	uU/mL
Glucose Fasting	88		60-99	mg/dL
ALT (SGPT)	12		0-50	U/L
AST (SGOT)	18		0-40	U/L
Bilirubin Total	0.4		0.2-1.3	mg/dL
BUN	16		7.0-25.0	mg/dL
Creatinine	0.9		0.7-1.2	mg/dL
Fibrinogen	309		<400	mg/dL

Results show evidence of thyroid disease which may affect certain lipid levels.

	Normal	Abnormal	Units	Summary
Triglycerides > 150		186	mg/dL	Fasting insulin >23 indicates insulin resistance. Three or more abnormal markers indicate the presence of metabolic syndrome.
HDL Chol < 40		39	mg/dL	
Glucose Fasting > 100	88		mg/dL	
Waist Circumference > 40		>41	in	
Blood Pressure > 130/90	Not Provided		mmHg	

Triglyceride/HDL Ratio 4.8: ratios >3.0 indicate a >90% probability that metabolic syndrome or insulin resistance are present.

**ATP III Risk Category: High Risk**  
**Adjusted Treatment Goals: LDL Cholesterol 70, Non-HDL Cholesterol 100**



\*National Cholesterol Education Project, Adult Treatment Panel III, NIH