

Specimen Number	Patient ID	Control Number	Account Number	Account Phone Number	Route
Patient Last Name			Account Address		
Patient First Name		Patient Middle Name			
Patient SS#	Patient Phone	Total Volume			
Age (Y/M/D)	Date of Birth	Sex	Fasting		
Patient Address			Additional Information		
Date and Time Collected	Date Entered	Date and Time Reported	Physician Name	NPI	Physician ID

Tests Ordered

NMR LipoProfile; Hgb Alc with eAG Estimation; Lipoprotein (a); C-Reactive Protein, Cardiac; Homocyst(e)line, Plasma; Venipuncture

General Comments

TESTS	RESULT	FLAG	UNITS	REFERENCE INTERVAL	LAB
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TESTS	RESULT	FLAG	UNITS	REFERENCE INTERVAL	LAB
NMR LipoProfile					
LDL Particle Number					01
LDL-P	1000		nmol/L	<1000	01
			Low	< 1000	
			Moderate	1000 - 1299	
			Borderline-High	1300 - 1599	
			High	1600 - 2000	
			Very High	> 2000	
Lipids					
LDL-C	78		mg/dL	<100	01
LDL-C is inaccurate if patient is nonfasting.					
			Optimal	< 100	
			Above optimal	100 - 129	
			Borderline	130 - 159	
			High	160 - 189	
			Very high	> 189	
HDL-C	43		mg/dL	>=40	01
Triglycerides	123		mg/dL	<150	01
Cholesterol, Total	166		mg/dL	<200	01
LDL and HDL Particles					
HDL-P (Total)	34.8		umol/L	>= 30.5	01
Small LDL-P	417		nmol/L	<= 527	01
LDL Size	20.8		nm	> 20.5	01

**** INTERPRETATIVE INFORMATION****

PARTICLE CONCENTRATION AND SIZE

<--Lower CVD Risk Higher CVD Risk-->

LDL AND HDL PARTICLES Percentile in Reference Population

HDL-P (total)	High	75th	50th	25th	Low
	>34.9	34.9	30.5	26.7	<26.7

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Small LDL-P	Low	25th	50th	75th	High
	<117	117	527	839	>839
LDL Size	<-Large (Pattern A)->		<-Small (Pattern B)->		
	23.0	20.6	20.5	19.0	

Insulin Resistance Score 27 01
LP-IR Score =< 45 01

LP-IR Score is inaccurate if patient is non-fasting.
 The LP-IR Score combines information from lipoprotein particle concentration and size to give improved assessment of insulin resistance and diabetes risk. Small LDL-P, LDL Particle Size, HDL-Particle, and LP-IR Score have been validated by LipoScience but not cleared by US FDA; the clinical utility of these test results has not been fully established.

INSULIN RESISTANCE MARKER
 <--Insulin Sensitive Insulin Resistant-->
 Percentile in Reference Population
 Insulin Resistance Score
 LP-IR Score Low 25th 50th 75th High
 <27 27 45 63 >63

Hgb A1c with eAG Estimation
 Hemoglobin A1c 5.3 % 4.8 - 5.6 02

Increased risk for diabetes: 5.7 - 6.4
 Diabetes: >6.4
 Glycemic control for adults with diabetes: <7.0
 Estim. Avg Glu (eAG) 105 mg/dL

Lipoprotein (a) 21 nmol/L <75 02

Note: Values greater than or equal to 75 nmol/L may indicate an independent risk factor for CHD, but must be evaluated with caution when applied to non-Caucasian populations due to the influence of genetic factors on Lp(a) across ethnicities.

C-Reactive Protein, Cardiac 0.37 mg/L 0.00 - 3.00 02
 Relative Risk for Future Cardiovascular Event
 Low <1.00
 Average 1.00 - 3.00
 High >3.00

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Homocyst(e)ine, Plasma	6.4		umol/L	0.0 - 15.0	02		
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