

Specimen ID: 266-992-0017-0
Control ID:
Acct #: 90000999 **Phone:** (336) 436-8645 **Rte:** 00
 LabCorp Test Master
 Test Account
 5450 Millstream Road
 MCLEANSVILLE NC 27301

SAMPLE REPORT, 884247

Patient Details	Specimen Details	Physician Details
DOB: 07/04/1959	Date collected: 09/23/2019 0000 Local	Ordering:
Age(y/m/d): 060/02/19	Date received: 09/23/2019	Referring:
Gender: F SSN:	Date entered: 09/23/2019	ID:
Patient ID:	Date reported: 09/30/2019 0000 ET	NPI:

General Comments & Additional Information
Clinical Info: NORMAL REPORT

Ordered Items

NMR LipoProfile

TESTS	RESULT	FLAG	UNITS	REFERENCE INTERVAL	LAB
NMR LipoProfile					
LDL Particle Number					01
LDL-P ^A	553		nmol/L	<1000	01
		Low		< 1000	
		Moderate		1000 - 1299	
		Borderline-High		1300 - 1599	
		High		1600 - 2000	
		Very High		> 2000	
Lipids					01
LDL-C ^A	50		mg/dL	0 - 99	01
		Optimal		< 100	
		Above optimal		100 - 129	
		Borderline		130 - 159	
		High		160 - 189	
		Very high		> 189	
Comment:					01
LDL-C is inaccurate if patient is non-fasting.					
HDL-C ^A	58		mg/dL	>39	01
Triglycerides ^A	100		mg/dL	0 - 149	01
Cholesterol, Total ^A	133		mg/dL	100 - 199	01
LDL and HDL Particles					01
HDL-P (Total) ^A	46.8		umol/L	>=30.5	01
Small LDL-P ^A	50		nmol/L	<=527	01
LDL Size ^A	21.4		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
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	

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TESTS	RESULT	FLAG	UNITS	REFERENCE INTERVAL	LAB
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Comment: 01
 Small LDL-P and LDL Size are associated with CVD risk, but not after LDL-P is taken into account.

Insulin Resistance Score 01

LP-IR Score ^A 25 <=45 01

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

Comment: 01

LP-IR Score is inaccurate if patient is non-fasting. The LP-IR score is a laboratory developed index that has been associated with insulin resistance and diabetes risk and should be used as one component of a physician's clinical assessment.

Comments:

^A This test was developed and its performance characteristics determined by LabCorp. It has not been cleared or approved by the Food and Drug Administration.

01	BN	LabCorp Burlington 1447 York Court, Burlington, NC 27215-3361	Dir: Sanjai Nagendra, MD
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For inquiries, the physician may contact **Branch: 800-222-7566 Lab: 800-762-4344**

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General Comments & Additional Information

Clinical Info: ABNORMAL REPORT

Ordered Items

NMR LipoProfile

TESTS	RESULT	FLAG	UNITS	REFERENCE INTERVAL	LAB
NMR LipoProfile					
LDL Particle Number					01
LDL-P ^A	1310	High	nmol/L	<1000	01
		Low		< 1000	
		Moderate		1000 - 1299	
		Borderline-High		1300 - 1599	
		High		1600 - 2000	
		Very High		> 2000	
Lipids					01
LDL-C ^A	108	High	mg/dL	0 - 99	01
		Optimal		< 100	
		Above optimal		100 - 129	
		Borderline		130 - 159	
		High		160 - 189	
		Very high		> 189	
Comment:					01
LDL-C is inaccurate if patient is non-fasting.					
HDL-C ^A	40		mg/dL	>39	01
Triglycerides ^A	150	High	mg/dL	0 - 149	01
Cholesterol, Total ^A	178		mg/dL	100 - 199	01
LDL and HDL Particles					01
HDL-P (Total) ^A	27.0	Low	umol/L	>=30.5	01
Small LDL-P ^A	221		nmol/L	<=527	01
LDL Size ^A	20.9		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
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	

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Comment: 01
 Small LDL-P and LDL Size are associated with CVD risk, but not after LDL-P is taken into account.

Insulin Resistance Score 01

LP-IR Score ^A 69 High <=45 01

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

Comment: 01
 LP-IR Score is inaccurate if patient is non-fasting. The LP-IR score is a laboratory developed index that has been associated with insulin resistance and diabetes risk and should be used as one component of a physician's clinical assessment.

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