

Ordered Items: **NMR LipoProfile+Lipids**

Date Collected:	Date Received:	Date Reported: <b>10/17/2022</b>	Fasting: <b>Yes</b>
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**NMR LipoProfile+Lipids**

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
LDL Particle Number <sup>01</sup>				
<b>▲ LDL-P <sup>A, 01</sup></b>	<b>1513 High</b>		nmol/L	<1000
		Low	< 1000	
		Moderate	1000 - 1299	
		Borderline-High	1300 - 1599	
		High	1600 - 2000	
		Very High	> 2000	
Lipids <sup>01</sup>				
<b>▲ LDL-C (NIH Calc) <sup>01</sup></b>	<b>155 High</b>		mg/dL	0-99
		Optimal	< 100	
		Above optimal	100 - 129	
		Borderline	130 - 159	
		High	160 - 189	
		Very high	> 189	
HDL-C <sup>A, 01</sup>	92		mg/dL	>39
Triglycerides <sup>A, 01</sup>	41		mg/dL	0-149
<b>▲ Cholesterol, Total <sup>A, 01</sup></b>	<b>251 High</b>		mg/dL	100-199
LDL and HDL Particles <sup>01</sup>				
HDL-P (Total) <sup>A, 01</sup>	36.8		umol/L	>=30.5
Small LDL-P <sup>A, 01</sup>	<90		nmol/L	<=527
LDL Size <sup>A, 01</sup>	21.4		nm	>20.5

\*\*\*\*\* 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	

Comment: <sup>01</sup>

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

Insulin Resistance Score <sup>01</sup>

LP-IR Score <sup>A, 01</sup>	<25	<=45
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INSULIN RESISTANCE MARKER

<--Insulin Sensitive Insulin Resistant-->

Percentile in Reference Population

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

Comment: <sup>01</sup>

## NMR LipoProfile+Lipids (Cont.)

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.

### Disclaimer

The Previous Result is listed for the most recent test performed by Labcorp in the past 5 years where there is sufficient patient demographic data to match the result to the patient. Results from certain tests are excluded from the Previous Result display.

### Icon Legend

▲ Out of Reference Range    ■ Critical or Alert

### 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.

### Performing Labs

01: BN - Labcorp Burlington 1447 York Court, Burlington, NC, 27215-3361 Dir: Sanjai Nagendra, MD  
For Inquiries, the physician may contact Branch: 504-828-2666 Lab: 206-861-7000