

Patient ID:
Specimen ID:

DOB:
Age:
Sex:

Patient Report

Ordering Physician:



Ordered Items: **NMR LipoProfile+Lipids+IR+Gph; Venipuncture**

Date Collected:	Date Received:	Date Reported:	Fasting
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NMR LipoProfile+Lipids+IR+Gph

Test	Current Result and Flag	Previous Result and Date	Units	Reference Interval
LDL Particle Number ⁰¹				
LDL-P ^{A,01}	464		nmol/L	<1000
		Low	< 1000	
		Moderate	1000 - 1299	
		Borderline-High	1300 - 1599	
		High	1600 - 2000	
		Very High	> 2000	
Lipids ⁰¹				
LDL-C (NIH Calc) ⁰¹	50		mg/dL	0-99
		Optimal	< 100	
		Above optimal	100 - 129	
		Borderline	130 - 159	
		High	160 - 189	
		Very high	> 189	
HDL-C ^{A,01}	60		mg/dL	>39
Triglycerides ^{A,01}	46		mg/dL	0-149
Cholesterol, Total ^{A,01}	121		mg/dL	100-199
LDL and HDL Particles ⁰¹				
HDL-P (Total) ^{A,01}	44		umol/L	>=30.5
Small LDL-P ^{A,01}	<90		nmol/L	<=527
LDL Size ^{A,01}	20.9		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:⁰¹
Small LDL-P and LDL Size are associated with CVD risk, but not after LDL-P is taken into account.

Insulin Resistance/Diab. Risk ⁰¹				
Large VLDL-P ^{A,01}	<0.8		nmol/L	<=2.7
Small LDL-P ^{A,01}	<90		nmol/L	<=527
Large HDL-P ^{A,01}	10.3		umol/L	>=4.8
VLDL Size ^{A,01}	41.2		nm	<=46.6
LDL Size ^{A,01}	20.9		nm	>=20.8
HDL Size ^{A,01}	10.0		nm	>=9.2
Insulin Resistance Score ⁰¹				

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NMR Lipoprofile+Lipids+IR+Gph (Cont.)

LP-IR Score^{A,01}

<25

<=45

INSULIN RESISTANCE / DIABETES RISK MARKERS					
<--Insulin Sensitive			Insulin Resistant-->		
Percentile in Reference Population					
Large VLDL-P	Low	25th	50th	75th	High
	<0.9	0.9	2.7	6.9	>6.9
Small LDL-P	Low	25th	50th	75th	High
	<117	117	527	839	>839
Large HDL-P	High	75th	50th	25th	Low
	>7.3	7.3	4.8	3.1	<3.1
VLDL Size	Small	25th	50th	75th	Large
	<42.4	42.4	46.6	52.5	>52.5
LDL Size	Large	75th	50th	25th	Small
	>21.2	21.2	20.8	20.4	<20.4
HDL Size	Large	75th	50th	25th	Small
	>9.6	9.6	9.2	8.9	<8.9
Insulin Resistance Score	Low	25th	50th	75th	High
LP-IR SCORE	<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.

PDF⁰¹

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

DOB:

Patient Report



Patient ID:
Specimen ID:

Age:
Sex:

Ordering Physician:

Patient Details

Phone:
Date of Birth:
Age:
Sex:
Patient ID:
Alternate Patient ID:

Physician Details

Request A Test, LTD.
7027 Mill Road Suite 201, BRECKSVILLE, OH,
44141

Phone: **888-732-2348**
Account Number:
Physician ID:
NPI:

Specimen Details

Specimen ID:
Control ID:
Alternate Control Number:
Date Collected:
Date Received:
Date Entered:
Date Reported:
Rte:

Specimen Number		Patient ID		Account Number	Account Phone (440) 717-0440	Account Fax (440) 717-0440
Patient Last Name		Patient First Name		Account Address		
Age	Date of Birth	Sex	Fasting	Request A Test, LTD. 7027 Mill Road Suite 201 BRECKSVILLE, OH 44141		
Control Number		NPI				
Date Collected	Date Entered	Date and Time Reported		Physician ID & Name		Page Number 1 of 2

❖ **NMR LipoProfile® test**

Reference Interval¹

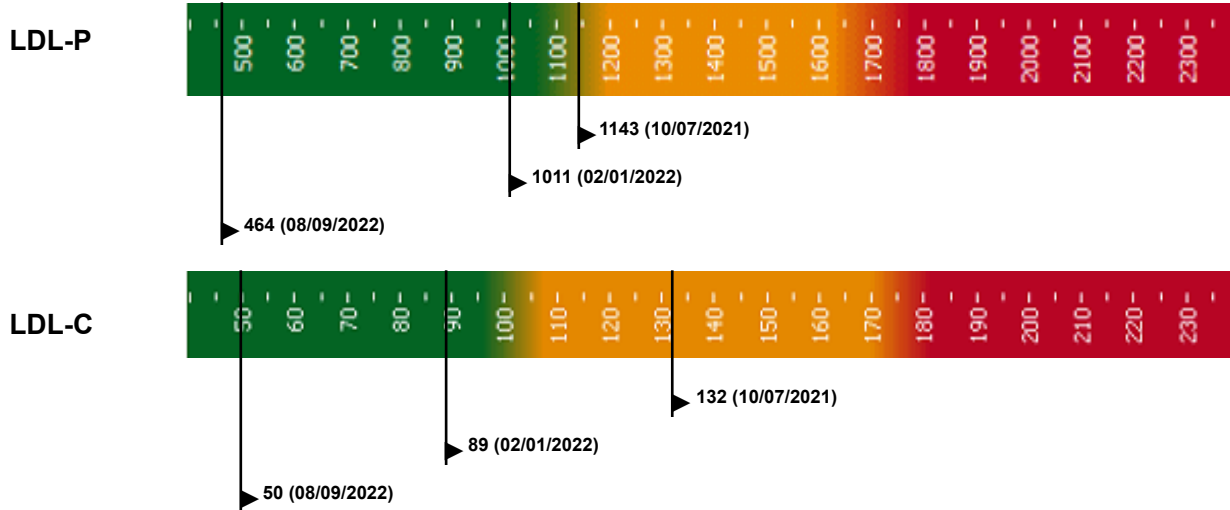
	Percentile ¹	20th	50th	80th	95th	
	Low	Moderate	Borderline High	High	Very High	
LDL-P (LDL Particle Number)	464	< 1000	1000 - 1299	1300 - 1599	1600 - 2000	> 2000

1. Reference population (5,362 men and women) not on lipid medication enrolled in the Multi-Ethnic Study of Atherosclerosis (MESA). Mora, et al. Atherosclerosis 2007.

❖ **Lipids**

	mg/dL	Optimal	Near or Above Optimal	Borderline High	High	Very High
LDL-C (calculated)	50	< 100	100 - 129	130 - 159	160 - 189	≥ 190
HDL-C	60	Triglycerides		46	Total Cholesterol	
	Desirable ≥ 40			Desirable < 150	Desirable < 200	

Historical Reporting



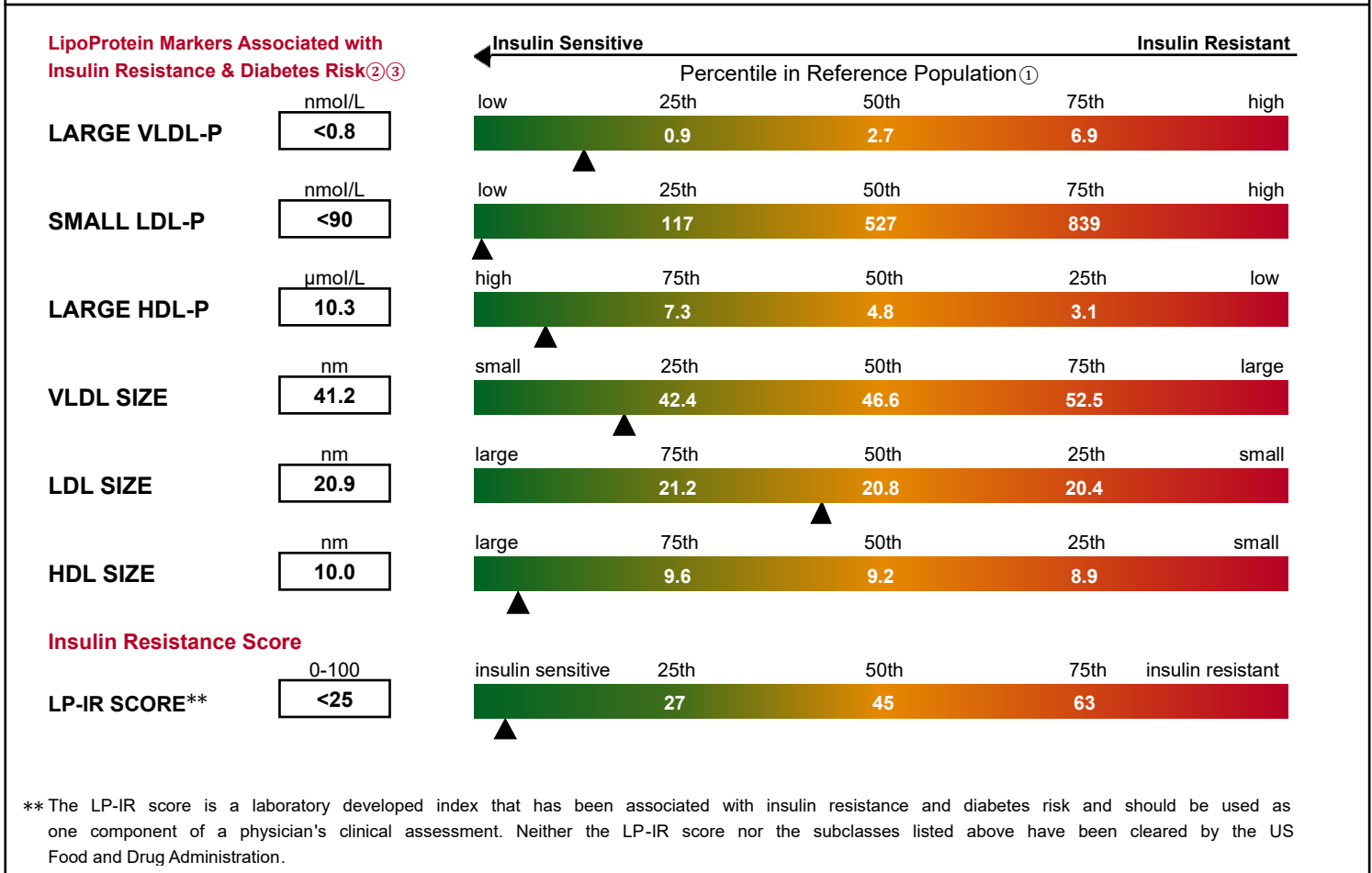
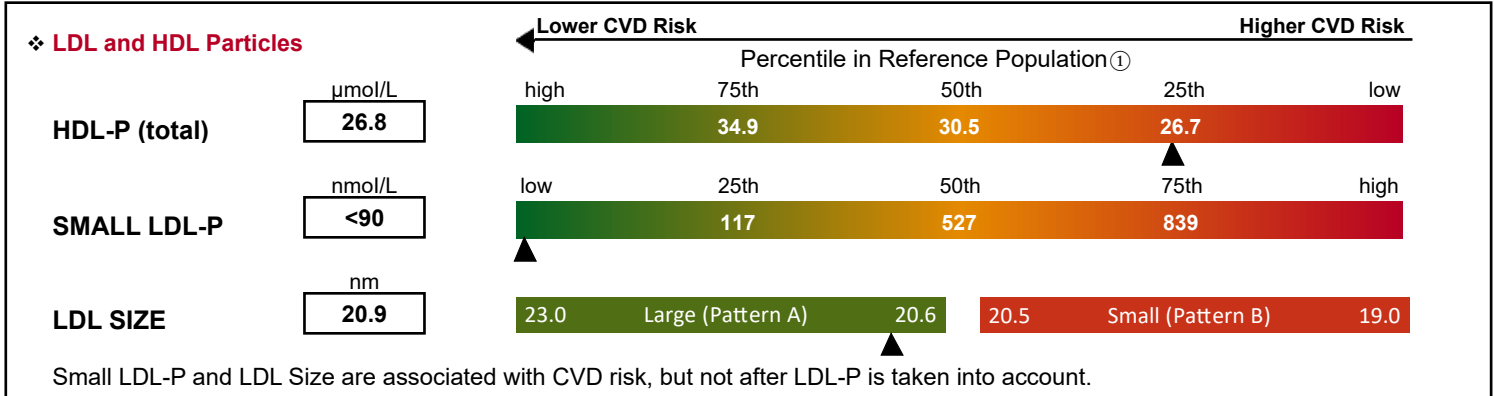
❖ This test was developed and its performance characteristics determined by LabCorp. It has not been cleared or approved by the US Food and Drug Administration.

The NMR LipoProfile® test may be covered by one or more issued or pending patents, including U.S. Patent Nos. 6,518,069; 6,576,471; 6,653,140; and 7,243,030

CLIA Number

Specimen Number		Patient ID		Account Number	Account Phone (440) 717-0440	Account Fax (440) 717-0440
Patient Last Name		Patient First Name		Account Address		
Age	Date of Birth	Sex	Fasting	Request A Test, LTD. 7027 Mill Road Suite 201 BRECKSVILLE, OH 44141		
Control Number		NPI				
Date Collected	Date Entered	Date and Time Reported		Physician ID & Name		Page Number 2 of 2

PARTICLE CONCENTRATION AND SIZE



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

① LipoScience reference population comprises 4,588 men and women without known CVD or diabetes and not on lipid medication.

② Shalurova I et al., Metab Syndr Relat Disord 2014; 12:422-9.

③ Mackey RH et al., Diab Care 2015; 38:628-36.