

Date Collected: 09/30/2024

Date Received: 10/01/2024

Date Reported: 10/03/2024

Fasting: Not Given

Ordered Items: NMR LipoProfile+Lipids

General Comments & Additional Information

Clinical Info: SRC:WB/Coll list Source:
Clinical Info: WB/Coll list

Date Collected: 09/30/2024

NMR LipoProfile+Lipids

Test	Current Result and Flag		Previous Result and Date	Units	Reference Interval
LDL Particle Number ^{B, 01}					
▲ LDL-P ^{A, C, 01}	1560	High		nmol/L	<1000
			Low	< 1000	
			Moderate	1000 - 1299	
			Borderline-High	1300 - 1599	
			High	1600 - 2000	
			Very High	> 2000	
Lipids ^{B, 01}					
▲ LDL-C (NIH Calc) ^{C, 01}	190	High		mg/dL	0-99
			Optimal	< 100	
			Above optimal	100 - 129	
			Borderline	130 - 159	
			High	160 - 189	
			Very high	> 189	
HDL-C ^{A, C, 01}	86			mg/dL	>39
Triglycerides ^{A, C, 01}	52			mg/dL	0-149
▲ Cholesterol, Total ^{A, C, 01}	283	High		mg/dL	100-199
LDL and HDL Particles ^{B, 01}					
HDL-P (Total) ^{A, C, 01}	32.7			umol/L	>=30.5
Small LDL-P ^{A, C, 01}	<90			nmol/L	<=527
LDL Size ^{A, C, 01}	21.9			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: ^{C, 01}	Small LDL-P and LDL Size are associated with CVD risk, but not after LDL-P is taken into account.			
Insulin Resistance Score ^{B, 01}				
LP-IR Score ^{A, C, 01}	<25			<=45

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NMR LipoProfile+Lipids (Cont.)

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: C, 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.

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.

Test Report Date

B: 10/01/2024
C: 10/03/2024

Performing Labs

01: BN - Labcorp Burlington, 1447 York Court, Burlington, NC 27215-3361 Dir: Sanjai Nagendra, MD
For Inquiries, the physician may contact Branch: - - Lab: 800-631-5250

Patient Details			Physician Details			Specimen Details		
Tao, Charles			Z BREGMAN			Specimen ID: 275-911-2691-0		
2 RICHELIEU RD, SCARSDALE, NY, 10583			NORTHWELL HEALTH LABS			Control ID: 99-24-274-1		
			450 Lakeville Rd Ste M50, Lake Success, NY, 11042			Alternate Control Number: 99-24-274-17730		
Phone:			Phone: 516-719-1100			Date Collected: 09/30/2024 1324 Local		
Date of Birth: 01/29/1970			Account Number: 31844690			Date Received: 10/01/2024 0000 ET		
Age: 54			Physician ID:			Date Entered: 10/01/2024 2355 ET		
Sex: Male			NPI: 1083778716			Date Reported: 10/03/2024 1210 ET		
Patient ID: 93484719								
Alternate Patient ID: 12954590								