

19516220 (410) 312-5280
 Turning Point Integrative Health Center
 10005 Old Columbia Rd Suite P170
 Columbia MD 21046

LABORATORY REPORT



LabCorp Burlington
 1447 York Court, Burlington NC 272153361
 (888) 200-5439 Director: DIRECTOR: Frank Hancock MD
 CLIA# BN

Patient Name MITCHELL, JASON						
Patient ID/Hospital ID MIT0907197		Sex M	Age 52	Patient Birth Date 9/7/1970	Patient Phone Number (301) 502-6884	Physician Sivieri, Mark
Page 1	Requisition No. 20507209272	Accession No. 19570646560		Collection Date & Time 7/14/2023 2:59 PM	Log-in Date & Time 7/14/2023	Report Date & Time 7/16/2023 10:06 PM
						REPORT STATUS FINAL

TEST	IN RANGE	OUT OF RANGE	REFERENCE RANGE	UNITS	SITE CODE
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COMMENT:

PATIENT NOT FASTING
 Test(s) 884294-LDL-P; 123475-HDL-C; 123476-Triglycerides; 123477-Cholesterol, Total; 884296-HDL-P (Total); 884297-Small LDL-P; 884309-LDL Size; 884300-Large VLDL-P; 884316-Small LDL-P; 884302-Large HDL-P; 884303-VLDL Size; 884317-LDL Size; 884305-HDL Size; 884314-LP-IR Score
 was developed and its performance characteristics determined by Labcorp. It has not been cleared or approved by the Food and Drug Administration.

NMR LipoProfile

LDL-P	757		<1000	nmol/L	BN
		Low	< 1000		
		Moderate	1000 - 1299		
		Borderline-High	1300 - 1599		
		High	1600 - 2000		
		Very High	> 2000		
LDL-C (NIH Calc)	60		0-99	mg/dL	BN
		Optimal	< 100		
		Above optimal	100 - 129		
		Borderline	130 - 159		
		High	160 - 189		
		Very high	> 189		
HDL-C	49		>39	mg/dL	BN
Triglycerides	75		0-149	mg/dL	BN
Cholesterol, Total	124		100-199	mg/dL	BN
HDL-P (Total)	32.5		>=30.5	umol/L	BN
Small LDL-P	404		<=527	nmol/L	BN
LDL Size		L 20.1	>20.5	nm	BN

**** INTERPRETATIVE INFORMATION****

PARTICLE CONCENTRATION AND SIZE

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

LDL AND HDL PARTICLES	Percentile in	Reference Population			
	High	75th	50th	25th	Low
HDL-P (total)	>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	

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

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NMR LipoProfile (CONTINUED)

Large VLDL-P	2.3		<=2.7	nmol/L	BN
Small LDL-P	404		<=527	nmol/L	BN
Large HDL-P	7.6		>=4.8	umol/L	BN
VLDL Size	46.2		<=46.6	nm	BN
LDL Size		L 20.1	>=20.8	nm	BN
HDL Size	9.6		>=9.2	nm	BN
LP-IR Score	39		<=45		BN

 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					
LP-IR SCORE	Low	25th	50th	75th	High
	<27	27	45	63	>63

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.

Growth Hormone, Serum	0.1		0.0-10.0	ng/mL	BN
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ADDITIONAL TEST INFORMATION:

Test	Status
Growth Hormone, Serum	F
NMR LipoProfile	F

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NOTE:

'BN' refers to site: Labcorp Burlington
1447 York Court
Burlington NC 272153361
Director: Sanjai Nagendra MD

>> END REPORT <<