

Date Collected: 07/14/2023 Date Received: 07/14/2023 Date Reported: 07/16/2023 Fasting: No

Ordered Items: NMR LipoProfile; Growth Hormone, Serum

Date Collected: 07/14/2023

NMR LipoProfile

| Test | Current Result and Flag | Previous Result and Date | Units | Reference Interval |
|--|---|--------------------------|-------------|--------------------|
| LDL Particle Number ⁰¹ | | | | |
| LDL-P ^{A,01} | 757 | | 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 | 60 | | mg/dL | 0-99 |
| | | Optimal | < 100 | |
| | | Above optimal | 100 - 129 | |
| | | Borderline | 130 - 159 | |
| | | High | 160 - 189 | |
| | | Very high | > 189 | |
| HDL-C ^{A,01} | 49 | | mg/dL | >39 |
| Triglycerides ^{A,01} | 75 | | mg/dL | 0-149 |
| Cholesterol, Total ^{A,01} | 124 | | mg/dL | 100-199 |
| LDL and HDL Particles ⁰¹ | | | | |
| HDL-P (Total) ^{A,01} | 32.5 | | umol/L | >=30.5 |
| Small LDL-P ^{A,01} | 404 | | nmol/L | <=527 |
| ▼ LDL Size ^{A,01} | 20.1 | Low | 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} | 2.3 | | nmol/L | <=2.7 |
| Small LDL-P ^{A,01} | 404 | | nmol/L | <=527 |
| Large HDL-P ^{A,01} | 7.6 | | umol/L | >=4.8 |
| VLDL Size ^{A,01} | 46.2 | | nm | <=46.6 |
| ▼ LDL Size ^{A,01} | 20.1 | Low | nm | >=20.8 |
| HDL Size ^{A,01} | 9.6 | | nm | >=9.2 |

NMR LipoProfile (Cont.)

| | | |
|--|----|------|
| Insulin Resistance Score ⁰¹ | | |
| LP-IR Score ^{A,01} | 39 | <=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 | | | | | |
| 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.

Growth Hormone, Serum

| Test | Current Result and Flag | Previous Result and Date | Units | Reference Interval |
|-------------------------------------|-------------------------|--------------------------|-------|--------------------|
| Growth Hormone, Serum ⁰¹ | 0.1 | <0.1 04/14/2023 | ng/mL | 0.0-10.0 |

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

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For Inquiries, the physician may contact Branch: 800-631-5250 Lab: 800-762-4344

Mitchell, Jason

Patient ID: **MIT0907197**
Specimen ID: **195-706-4656-0**

DOB: **09/07/1970**

Age: **52**
Sex: **Male**

Patient Report

Account Number: **19516220**
Ordering Physician: **M SIVIERI**



Patient Details

Mitchell, Jason
11109 YOUNGTREE CT, COLUMBIA, MD,
21044

Phone: **301-502-6884**
Date of Birth: **09/07/1970**
Age: **52**
Sex: **Male**
Patient ID: **MIT0907197**
Alternate Patient ID: **MIT09071970**

Physician Details

M SIVIERI
Mark Sivieri MD
10005 Old Columbia Rd Ste P 170, Columbia,
MD, 21046

Phone: **410-312-5280**
Account Number: **19516220**
Physician ID:
NPI: **1992701742**

Specimen Details

Specimen ID: **195-706-4656-0**
Control ID: **20507209272**
Alternate Control Number:
Date Collected: **07/14/2023 1459 Local**
Date Received: **07/14/2023 0000 ET**
Date Entered: **07/14/2023 1612 ET**
Date Reported: **07/16/2023 2206 ET**