


NMR LIPOPROFILE+LIPIDS+IR+GPH (#7581569, Final, 04/29/2025 9:34am, tied to order #7553794 )

|                        |        |                  |        |                                                                                   |  |                                                                                                                                             |     |            |
|------------------------|--------|------------------|--------|-----------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------|-----|------------|
| Ordering Provider      |        | ASHOK MEHTA, MD  |        | Performing Lab                                                                    |  | LABCORP BURLINGTON (01)<br>LABCORP BURLINGTON<br>SANJAI NAGENDRA<br>1447 YORK COURT<br>BURLINGTON, NC 272153361<br><br>Account ID: 41604820 |     |            |
| Specimen/Accession ID  |        | 2440604CE25094   |        | Specimen Source                                                                   |  |                                                                                                                                             |     |            |
| Specimen Coll. Date    |        | 04/29/2025 09:34 |        | Result Status                                                                     |  | Final                                                                                                                                       |     |            |
| Specimen Rec. Date     |        | 04/29/2025 00:00 |        | Report Status                                                                     |  |                                                                                                                                             |     |            |
| Specimen Reported Date |        | 05/01/2025 14:09 |        |                                                                                   |  |                                                                                                                                             |     |            |
| Report                 | Result | Ref. Range       | Units  |  |  | Status                                                                                                                                      | Lab | Date       |
| LDL-P                  | 1066   | <1000            | NMOL/L | ABOVE HIGH NORMAL                                                                 |  | Final                                                                                                                                       | 01  | 05/01/2025 |
|                        |        |                  |        |                                                                                   |  |                                                                                                                                             |     |            |
| LDL-C (NIH CALC)       | 86     | 0-99             | MG/DL  |                                                                                   |  | Final                                                                                                                                       | 01  | 05/01/2025 |
|                        |        |                  |        |                                                                                   |  |                                                                                                                                             |     |            |
| HDL-C                  | 40     | >39              | MG/DL  |                                                                                   |  | Final                                                                                                                                       | 01  | 05/01/2025 |
| TRIGLYCERIDES          | 152    | 0-149            | MG/DL  | ABOVE HIGH NORMAL                                                                 |  | Final                                                                                                                                       | 01  | 05/01/2025 |
| CHOLESTEROL, TOTAL     | 153    | 100-199          | MG/DL  |                                                                                   |  | Final                                                                                                                                       | 01  | 05/01/2025 |
| HDL-P (TOTAL)          | 23.5   | >=30.5           | UMOL/L | BELOW LOW NORMAL                                                                  |  | Final                                                                                                                                       | 01  | 05/01/2025 |
| SMALL LDL-P            | 424    | <=527            | NMOL/L |                                                                                   |  | Final                                                                                                                                       | 01  | 05/01/2025 |
| LDL SIZE               | 21.0   | >20.5            | NM     |                                                                                   |  | Final                                                                                                                                       | 01  | 05/01/2025 |
|                        |        |                  |        |                                                                                   |  |                                                                                                                                             |     |            |
| LARGE VLDL-P           | 6.9    | <=2.7            | NMOL/L | ABOVE HIGH NORMAL                                                                 |  | Final                                                                                                                                       | 01  | 05/01/2025 |
| SMALL LDL-P            | 424    | <=527            | NMOL/L |                                                                                   |  | Final                                                                                                                                       | 01  | 05/01/2025 |
|                        |        |                  |        |                                                                                   |  |                                                                                                                                             |     |            |

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| LARGE HDL-P                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 5.9                                                                                                                                                                                                                                                                                                                                                                                                                                                    | >=4.8  | UMOL/L |                   | Final | 01 | 05/01/2025 |
| VLDL SIZE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 51.3                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <=46.6 | NM     | ABOVE HIGH NORMAL | Final | 01 | 05/01/2025 |
| LDL SIZE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 21.0                                                                                                                                                                                                                                                                                                                                                                                                                                                   | >=20.8 | NM     |                   | Final | 01 | 05/01/2025 |
| HDL SIZE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 9.2                                                                                                                                                                                                                                                                                                                                                                                                                                                    | >=9.2  | NM     |                   | Final | 01 | 05/01/2025 |
| LP-IR SCORE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 57                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <=45   |        | ABOVE HIGH NORMAL | Final | 01 | 05/01/2025 |
| <div>-----<br/>INSULIN RESISTANCE / DIABETES RISK MARKERS<br/>&lt;--Insulin Sensitive      Insulin Resistant--&gt;<br/>Percentile in Reference Population<br/>Large VLDL-P      Low      25th      50th      75th      High<br/>                         &lt;0.9      0.9      2.7      6.9      &gt;6.9<br/><br/>Small LDL-P      Low      25th      50th      75th      High<br/>                         &lt;117      117      527      839      &gt;839<br/><br/>Large HDL-P      High      75th      50th      25th      Low<br/>                         &gt;7.3      7.3      4.8      3.1      &lt;3.1<br/><br/>VLDL Size      Small      25th      50th      75th      Large<br/>                         &lt;42.4      42.4      46.6      52.5      &gt;52.5<br/><br/>LDL Size      Large      75th      50th      25th      Small<br/>                         &gt;21.2      21.2      20.8      20.4      &lt;20.4<br/><br/>HDL Size      Large      75th      50th      25th      Small<br/>                         &gt;9.6      9.6      9.2      8.9      &lt;8.9<br/>Insulin Resistance Score<br/>LP-IR SCORE      Low      25th      50th      75th      High<br/>                         &lt;27      27      45      63      &gt;63<br/>-----<br/>LP-IR Score is inaccurate if patient is non-fasting.<br/><br/>The LP-IR score is a laboratory developed index that has been<br/>associated with insulin resistance and diabetes risk and should be<br/>used as one component of a physician's clinical assessment.</div> |                                                                                                                                                                                                                                                                                                                                                                                                                                                        |        |        |                   |       |    |            |
| RESULT NOTE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | FASTING NO<br>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<br>was developed and its performance characteristics determined by Labcorp. It has not been cleared or approved by the Food and Drug Administration. |        |        |                   |       |    |            |