

Patient: [REDACTED]  
 DOB: [REDACTED] Age: 65 Gender: F  
 Patient Identifiers: [REDACTED]  
 Visit Number (FIN): [REDACTED]

Client: [REDACTED]  
 Physician: [REDACTED]

ARUP Test Code: 2013716  
 Collection Date: 01/29/2021  
 Received in lab: 02/01/2021  
 Completion Date: 02/03/2021

**Lipoprotein Markers**

Marker	Patient Result <sup>1</sup>	
LDL Particle Number <sup>2</sup>	996 nmol/L	
LDL Cholesterol (calculated)	101 mg/dL	
HDL Cholesterol	82 mg/dL	
Triglycerides	74 mg/dL	
Total Cholesterol	198 mg/dL	
Small LDL Particle Number	226 nmol/L	
LDL Size	21.4 nm	
Large VLDL Particle Number	<1.5 nmol/L	
VLDL Size	47.2 nm	
HDL Particle Number	37.0 umol/L	
Large HDL Particle Number	11.7 umol/L	
HDL Size	9.7 nm	

<sup>1</sup> Shaded bar indicates optimal range, refer to the second page for break out of ranges. Chart also indicates percentile in reference population (ex.: 25th, 50th, 75 h).

<sup>2</sup> Percentiles consistent with those from NCEP ATP III LDL-C cutpoints of 100 mg/dL (20th percen ile) and 160 mg/dL (80 h percentile).



Patient: [REDACTED]  
 ARUP Accession: 21-029-138025

Patient: [REDACTED] | Date of Birth: [REDACTED] | Gender: F | Physician: [REDACTED]  
 Patient Identifiers: [REDACTED] | Visit Number (FIN): [REDACTED]

**ATP III Classification<sup>2</sup>**

**LDL Cholesterol (mg/dL)**

<100	Optimal
100-129	Near optimal/above optimal
130-159	Borderline high
160-189	High
>=190	Very high

**HDL Cholesterol (mg/dL)**

<40	Low (undesirable)
>=60	High (optimal)

**Triglycerides (mg/dL)**

<150	Normal
150-199	Borderline high
200-499	High
>=500	Very high

**Total Cholesterol (mg/dL)**

<200	Desirable
200-239	Borderline high
>=240	High

**LipoFit Reference Intervals**

<u>Marker</u>	<u>Ref Interval</u>
LDL Particle Number	<=1135 nmol/L
Small LDL Particle Number	<=634 nmol/L
LDL Particle Size	>=20.7 nm
Large VLDL Particle Number	<=2.7 nmol/L
VLDL Size	<=46.7 nm
HDL Particle Number	>=33.0 umol/L
Large HDL Particle Number	>=4.2 umol/L
HDL Size	>=8.9 nm

**Test Information**

Small LDL Particle Number and LDL Particle Size are associated with CVD risk, but not after LDL Particle Count is taken into account.

This test was developed and its performance characteristics determined by ARUP Laboratories. It has not been cleared or approved by the U.S. Food and Drug Administration. This test was performed in a CLIA certified laboratory and is intended for clinical purposes.

