

Wagmore
Age 66

Gender: M

ARUP Test Code: 2013716

Collection Date: 05/31/2019

Received in lab: 06/01/2019

Completion Date: 06/03/2019

Lipoprotein Markers

Marker	Patient Result ¹	
LDL Particle Number ²	475 nmol/L	
LDL Cholesterol (calculated)	60 mg/dL	
HDL Cholesterol	91 mg/dL	
Triglycerides	50 mg/dL	
Total Cholesterol	161 mg/dL	
Small LDL Particle Number	<165 nmol/L	
LDL Size	21.3 nm	
Large VLDL Particle Number	2.1 nmol/L	
VLDL Size	51.9 nm	
HDL Particle Number	>41.0 umol/L	
Large HDL Particle Number	13.4 umol/L	
HDL Size	9.8 nm	

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

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



ATP III Classification²

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.

See Compliance Statement B: aruplab.com/CS

