

Patient Information	Specimen Information	Client Information

Cardio IQ®						
Test Name	Current		Risk/Reference Interval			Historical
	Result & Risk		Optimal	Moderate	High	Units
	Optimal	Non-Optimal				
LIPOPROTEIN FRACTIONATION, ION MOBILITY						
LDL PARTICLE NUMBER	1060		<1138	1138-1409	>1409	nmol/L
LDL SMALL	156		<142	142-219	>219	nmol/L
LDL MEDIUM	193		<215	215-301	>301	nmol/L
HDL LARGE	8028		>6729	6729-5353	<5353	nmol/L
LDL PATTERN	A		A	N/A	B	Pattern
LDL PEAK SIZE	220.7		>222.9	222.9-217.4	<217.4	Angstrom

For details on reference ranges please refer to the reference range/comment section of the report.

PERFORMING SITE:

SPECIMEN:

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Reference Range/Comments

Analyte Name	In Range	Out Range	Reference Range	Lab
LDL PEAK SIZE		220.7	>222.9 Angstrom	
This test was developed and its analytical performance characteristics have been determined by Quest Diagnostics Cardiometabolic Center of Excellence at Cleveland HeartLab. It has not been cleared or approved by the U.S. Food and Drug Administration. This assay has been validated pursuant to the CLIA regulations and is used for clinical purposes. Relative Risk: Optimal >222.9; Moderate 222.9-217.4; High <217.4. Male and Female Reference Range: 216 to 234.3 Angstrom. Adult cardiovascular event risk category cut points (optimal, moderate, high) are based on an adult U.S. reference population plus two large cohort study populations. Association between lipoprotein subfractions and cardiovascular events is based on Musunuru et al. ATVB.2009;29:1975. For additional information, please refer to http://education.QuestDiagnostics.com/faq/FAQ134 (This link is being provided for informational/educational purposes only.)				
LDL SMALL		156	<142 nmol/L	
Relative Risk: Optimal <142; Moderate 142-219; High >219. Male Reference Range: 123 to 441 nmol/L; Female Reference Range: 115 to 386 nmol/L.				
HDL LARGE	8028		>6729 nmol/L	
Relative Risk: Optimal >6729; Moderate 6729-5353; High <5353. Male Reference Range: 4334 to 10815 nmol/L; Female Reference Range: 5038 to 17886 nmol/L.				
LDL MEDIUM	193		<215 nmol/L	
Relative Risk: Optimal <215; Moderate 215-301; High >301. Male Reference Range: 167 to 485 nmol/L; Female Reference Range: 121 to 397 nmol/L.				
LDL PARTICLE NUMBER	1060		<1138 nmol/L	
Relative Risk: Optimal <1138; Moderate 1138-1409; High >1409. Male and Female Reference Range: 1016 to 2185 nmol/L.				
LDL PATTERN	A		A Pattern	
Relative Risk: Optimal Pattern A; High Pattern B. Reference Range: Pattern A.				

PERFORMING SITE:

SPECIMEN: