

Patient Information	Specimen Information	Client Information
DOB: AGE: Gender: Patient ID: Health ID:	Specimen: Collected: Received: Reported:	

Cardio IQ®

Test Name	Units	Result and Risk Category			Result from	Risk Category Ranges		
		Optimal	Moderate	High		Optimal	Moderate	High

Lipoprotein Subfractions

Lab: EZ

LDL PARTICLE NUMBER	nmol/L	784				<1260	1260-1538	>1538
LDL SMALL	nmol/L		162			<162	162-217	>217
LDL MEDIUM	nmol/L		213			<201	201-271	>271
HDL LARGE	nmol/L			4550		>9386	6996-9386	<6996

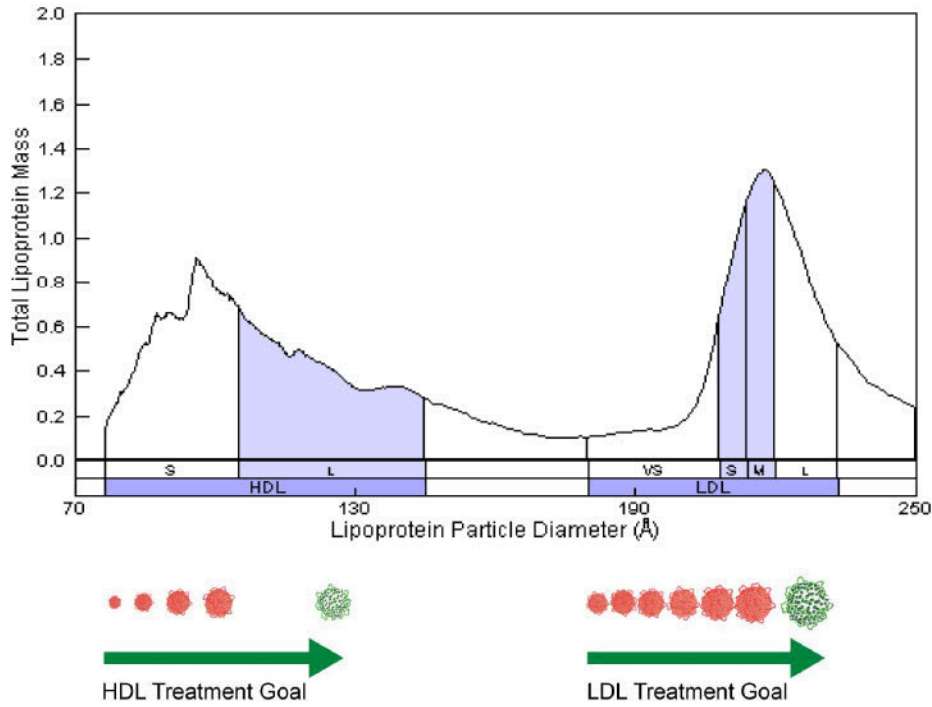
For details on reference ranges please refer to the reference range/comment section of the report.

4myheart Diet & Exercise Coaching Program: Need help achieving and maintaining an optimal weight? Managing stress? Trying to improve physical fitness levels? The 4myheart program provides support and personalized lifestyle guidance to help improve heart health. Please talk to your provider, visit 4myheart.com or call 1-800-432-7889 opt 2 to learn more.

Medical Information For Healthcare Providers: If you have any questions about any of the tests in our Cardio IQ offering, please call 1-800-432-7889 opt 3 to speak to a clinical liaison. For frequently asked questions, you can also visit us at <http://education.questdiagnostics.com/faq/FAQ134>

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LIPID SUBCLASS DETAIL FROM ION MOBILITY



Test Name	Units	Result and Risk Category			Result from	Risk Category Ranges		
		Optimal	Moderate	High		Optimal	Moderate	High

Lipoprotein Subfractions

Lab: EZ

LDL PATTERN	Pattern			A	N/A	B
LDL PEAK SIZE	Angstrom	213		>222.5	218.2-222.5	<218.2

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OTHER DETAIL

Test Name	Results	Result from	Reference Range/Comments
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Total Particles Lab: EZ

HDL	18016		21837-45671 nmol/L
NON-HDL	1004		1485-2986 nmol/L

HDL Particle Subfractions Lab: EZ

SMALL	13466		17503-35394 nmol/L
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LDL Particle Subfractions Lab: EZ

VERY SMALL-d	57		88-187 nmol/L
VERY SMALL-c	50		86-203 nmol/L
VERY SMALL-b	31		73-236 nmol/L
VERY SMALL-a	36		49-249 nmol/L
LARGE-b	112		123-332 nmol/L
LARGE-a	123		123-402 nmol/L

IDL Particle Subfractions Lab: EZ

SMALL	90		93-225 nmol/L
LARGE	73		152-319 nmol/L

VLDL Particle Subfractions Lab: EZ

SMALL	27		57-124 nmol/L
MEDIUM	25		42-110 nmol/L
LARGE	5		9-36 nmol/L

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Reference Range/Comments

Analyte Name	Reference Range	Comments
LDL PARTICLE NUMBER	1016-2185 nmol/L	Risk: Optimal <1260; Moderate 1260-1538; High >1538
LDL SMALL	123-441 nmol/L	Risk: Optimal <162; Moderate 162-217; High >217
LDL MEDIUM	167-465 nmol/L	Risk: Optimal <201; Moderate 201-271; High >271
HDL LARGE	4334-10815 nmol/L	Risk: Optimal >9386; Moderate 9386-6996; High <6996
LDL PATTERN	A Pattern	Risk: Optimal Pattern A; High Pattern B
LDL PEAK SIZE	> OR = 218.2 Angstrom	Risk: Optimal >222.5; Moderate 222.5-218.2; High <218.2 Adult cardiovascular event risk category cut points (optimal, moderate, high) are based on adult U.S. reference population. Association between lipoprotein subfractions and cardiovascular events is based on Musunuru et al. ATVB. 2009;29:1975. This test was developed and its analytical performance characteristics have been determined by Quest Diagnostics Nichols Institute San Juan Capistrano. It has not been cleared or approved by FDA. This assay has been validated pursuant to the CLIA regulations and is used for clinical purposes.

PERFORMING SITE:

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