

Patient Information	Specimen Information	Client Information

**Cardio IQ®**

Test Name	Current		Risk/Reference Interval			Units	Historical Result & Risk
	Result & Risk		Optimal	Moderate	High		
	Optimal	Non-Optimal					
<b>LIPOPROTEIN FRACTIONATION NMR</b>							
LDL P		<b>1555</b>	<935	935-1816	>1816	nmol/L	
SMALL LDL P		<b>712</b>	<467	467-820	>820	nmol/L	
LDL SIZE	<b>21.0</b>		>20.5	NA	<20.6	nm	
HDL P	<b>38.8</b>		>32.8	29.2-32.8	<29.2	umol/L	
LARGE HDL P		<b>3.7</b>	>7.2	5.3-7.2	<5.3	umol/L	
HDL SIZE		<b>8.6</b>	>9.0	8.7-9.0	<8.7	nm	
LARGE VLDL P	<b>2.4</b>		<3.7	3.7-6.1	>6.1	nmol/L	
VLDL SIZE		<b>48.7</b>	<47.1	47.1-49.0	>49.0	nm	



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Reference Range/Comments

Analyte Name	In Range	Out Range	Reference Range	Lab
HDL SIZE		<b>8.5</b>	>9.0 nm	Z4M
Relative risk: Optimal >9.0; Moderate 8.7-9.0; High <8.7 nm. Reference range is 8.3-10.5 nm.				
LARGE HDL P		<b>3.7</b>	>7.2 umol/L	Z4M
Relative risk: Optimal >7.2; Moderate 5.3-7.2; High <5.3 umol/L. Reference range is >3.5 umol/L.				
LDL P		<b>1555</b>	<935 nmol/L	Z4M
Relative risk: Optimal <935; Moderate 935-1816; High >1816 nmol/L. Reference range is 592-2404 nmol/L. This test is performed by a Nuclear Magnetic Resonance method. This test was developed and its performance characteristics determined by The Cleveland HeartLab, Inc. It has not been cleared or approved by the U.S. FDA. The Cleveland HeartLab is regulated under Clinical Laboratory Improvement Amendments (CLIA) as qualified to perform high-complexity testing. This test is used for clinical purposes. It should not be regarded as investigational or for research.				
SMALL LDL P		<b>712</b>	<467 nmol/L	Z4M
Relative risk: Optimal <467; Moderate 467-820; High >820 nmol/L. Reference range is <1408 nmol/L.				
VLDL SIZE		<b>48.7</b>	<47.1 nm	Z4M
Relative risk: Optimal <47.1; Moderate 47.1-49.0; High >49.0 nm. Reference range is 41.1-61.7 nm.				
HDL P	<b>38.8</b>		>32.8 umol/L	Z4M
Relative risk: Optimal >32.8; Moderate 29.2-32.8; High <29.2 umol/L. Reference range is 21.1-43.4 umol/L.				
LARGE VLDL P	<b>2.4</b>		<3.7 nmol/L	Z4M
Relative risk: Optimal <3.7; Moderate 3.7-6.1; High >6.1 nmol/L. Reference range is <16.0 nmol/L.				
LDL SIZE	<b>21.0</b>		>20.5 nm	Z4M
Relative risk: Optimal >20.5; High <20.6 nm. Reference range is 20.0-22.3 nm.				