

# **Laboratory Service Report**

### 1-800-533-1710

Patient Name TESTING,ABNORMAL	Patient ID SA00067054	<b>Age</b> 50	Gender M	Order # SA00067054
Ordering Phys CLIENT,CLIENT		·		<b>DOB</b> 06/05/1963
Client Order # SA00067054	Account Information			Report Notes
<b>Collected</b> 04/21/2014 06:30	C7028846-DLMP Roch SDSC 2 - Client Suppor			
<b>Printed</b> 05/15/2014 13:54	Rochester, MN 55901			

Test	Flag	Results	Unit	Reference Value	Perform Site*
LDL and HDL NMR with Lipids, P					
LDL and HDL Particles NMR, P					
Total LDL Particle Concentration	H	2000	nmol/L	<1300	MCR
Small LDL Particle Concentration	Н	1000	nmol/L	<=527	MCR
Total HDL Particle Concentration	L	30.4	mcmol/L	>=30.5	MCR
Large HDL Particle Concentration	L	4.7	mcmol/L	>=4.8	MCR
Interpretation  Elevated LDL particle concentration increased risk for cardiovascular has been associated with CVD risk but not after LDL-P has been take effectively reduce the number of not generally influence the size LDL particles. Fibrates and niactincrease LDL particle size.  In some studies, HDL particle conshown to be inversely associated Laboratory Developed Test  Small LDL, Total HDL and Large HI were validated by LipoScience and the Mayo Clinic. NMR spectra are 200 First St., Rochester, MN 5590 by LipoScience, Inc., 2500 Sumner 27616	c disea c with en into LDL pa distri in have ncentra with c DL Part d the ( genera 05 and	this methodology account. Statins articles, but do bution of the been shown to action has been cardiovascular risk.			MCR
Cholesterol, Total, CDC, P  REFERENCE VALUE NCEP guidelines (ages 18y and up) Desirable: <200 Borderline high: 200-239 High: > or =240	Н	250	mg/dL		MCR
Triglycerides, CDC, P  REFERENCE VALUE NCEP guidelines (ages 18y and up) Normal: <150 Borderline high: 150-199 High: 200-499 Very high: > or =500	Н	401	mg/dL		MCR
HDL Cholesterol, CDC, P REFERENCE VALUE NCEP guidelines	L	12	mg/dL		MCR

#### \*\*\*Performing Site Legend on Last Page of Report\*\*\*

Patient Name	Collection Date and Time	Report Status
TESTING,ABNORMAL	04/21/2014 06:30	Final
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<sup>\*</sup> Report times for Mayo performed tests are CST/CDT



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Test	Flag Results	Unit	Reference Value	Perform Site*
(ages 18y and up)				
Low: <40				
Normal: 40-59				
High: > or = 60				
Calculated LDL		mg/dL		MCR
	Calculated LDL is only valid or	1		
samples with triglyceride				
Non-HDL Cholesterol	н 238	mg/dL		MCR
REFERENCE VALUE				
NCEP guidelines				
Desirable: <130				
Borderline high: 130-159				
High: 160-189				
Very high: > or =190				
RECEIVED: 04/22/2014 16:32 R	<b>EPORTED:</b> 04/22/2014 16:50			

### \* Performing Site:

MCR	Mayo Clinic Laboratories - Rochester Main Campus 200 First St SW Rochester, MN 55905	Lab Director:	

Patient Name		Report Status
TESTING,ABNORMAL	04/21/2014 06:30	Final
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