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|--|--|------------------|--------------------|------------------------------|
| Patient Name SAMPLEREP,LCATD A | Patient ID SA00053316 | Age 46 | Gender F | Order # SA00053316 |
| Ordering Phys CLIENT,CLIENT | | | | DOB 06/10/1966 |
| Client Order # SA00053316 | Account Information | | | Report Notes |
| Collected 01/31/2013 | C7028846-DLMP ROCHESTER 3050 SUPERIOR DRIVE ROCHESTER,MN 55901 | | | |
| Printed 02/05/2013 16:10 | | | | |

| Test | Flag | Results | Unit | Reference Value | Perform Site* |
|--|------|---------|--------------|---------------------------|---------------|
| Lecithin Chol Acyltrans Def | | | | REPORTED 02/04/2013 15:33 | |
| Cholesterol, Total, CDC, S | | 60 | mg/dL | | MCR |
| -- REFERENCE VALUE -- NCEP guidelines (ages 18y and up) Desirable: <200 Borderline high: 200-239 High: > or =240 | | | | | |
| Cholesteryl Esters, S | L | 57 | % total chol | 60 - 80 | MCR |
| For research use only | | | | | |
| Phospholipids, S | L | 96 | mg/dL | 155 - 275 | MCR |
| For research use only | | | | | |
| Lysophosphatidylcholine, P | | | | | |
| 16:0 Lysophosphatidylcholine | L | 17 | mmol/L | >=62 | MCR |
| 18:0 Lysophosphatidylcholine | L | <5 | mmol/L | >=20 | MCR |
| Interpretation | | | | | MCR |
| Lysophosphatidylcholine (LPC) is decreased in this sample. Decreased LPC is typically observed in Lecithin Cholesterol Acyltransferase (LCAT) deficiency. To further investigate, additional analyses were performed at no charge. Cholesterol esters were decreased at 57% of total cholesterol (normal 60%-80%). Total cholesterol was 60 mg/dL. HDL cholesterol was markedly decreased at 11 mg/dL. Triglyceride was 97 mg/dL and phospholipids were 96 mg/dL (normal 155- 275). The combined results could represent mild LCAT deficiency or Fish Eye Disease. These results might also be seen in a patient with an immature liver, cholestatic liver disease, or chronic renal failure Further interpretation would require clinical information. Please contact the Cardiovascular Laboratory consultant on call at (800-533-1710) if you have questions regarding this report. | | | | | |

* Performing Site:

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|-----|---|---------------|
| MCR | Mayo Clinic Laboratories - Rochester Main Campus 200 First St SW Rochester, MN 55905 | Lab Director: |
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|--|---|-------------------------------|
| Patient Name SAMPLEREP,LCATD A | Collection Date and Time 01/31/2013 | Report Status Final |
| Page 1 of 1 | | ** End of Report ** |

* Report times for Mayo performed tests are CST/CDT