

Laboratory Service Report

1-800-533-1710

Patient Name SAMPLEREPORT,C4U A	Patient ID M0002036	Age 40	Gender F	Order # M0002036	
Ordering Phys		1.0		DOB 09/28/1971	
Client Order # M0002036	Account Informatio	n		Report Notes	
Collected 06/27/2012 00:54	C7028846-DLMP ROCHESTER 3050 SUPERIOR DRIVE				
Printed 02/11/2013 13:15	ROCHESTER,MN 5	5901			

Test	Flag Results	Unit	Reference Value	Perform Site*
		REPORTED 0	2/11/2013 11:57	
C4 Acylcarnitine, QN, U	н 6.45	mmol/mol Cr	<3.00	MCR
C4 Interpretation				MCR
In this urine sample, the	excretion of C4 acylcarnitine	(a		
mixture of butyryl- and is	obutyrylcarnitine) was elevate	d,		
the C4/C3 ratio was normal	. In our experience, this resu	lt		
is likely secondary to a b	iochemical diagnosis of			
short-chain acyl-CoA dehyd	rogenase (SCAD) deficiency, a			
condition of uncertain cli	nical significance (see: Jethv	ra.		
et al Mol Genet Metab 2008	; 95: 195-200). We recommend			
urine organic acid or acyl	glycine analysis to determine	the		
presence of ethylmalonic a	cid (see: Oglesbee et al Genet			
Med 2007; 9: 108-116).				
Flow Injection Analysis-Ta	ndem Mass Spectrometry (FIA-MS	/MS)		
Reviewed By	Jennifer Peters	on		MCR

* Performing Site:

MCR Mayo Clinic Laboratories - Rochester Main Campus Lab Director: Franklin R. Cockerill, III, M.D.

Patient Name	Collection Date and Time	Report Status	
SAMPLEREPORT,C4U A	06/27/2012 00:54	Final	
Page 1 of 1		** End of Report **	