



Patient ID SA00088386	Patient Name TESTINGRNV, SAMPLEREPORT	Birth Date 2017-03-31	Gender F	Age 2 D
Order Number SA00088386	Client Order Number SA00088386	Ordering Physician CLIENT, CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 02 Apr 2017 10:30		

Supplemental Newborn Screen, BS

Supplemental Newborn Screen Result

1 MCR

Reviewed By

MCR

Amy Breitlow

Received: 03 Apr 2017 13:07

Reported: 03 Apr 2017 15:05

In this blood spot, the following result was observed:

Butyryl-/Isobutyryl-carnitine (C4)
1.8 nmol/mL (abnormal >1.4)

Ethylmalonic acid (EMA)
6.8 nmol/mL (abnormal >3.5)

INTERPRETATION

These findings are suggestive of a biochemical diagnosis of short-chain acyl-CoA dehydrogenase (SCAD), a biochemical genetic condition with uncertain clinical significance. Consider plasma acylcarnitine analysis and urine organic acids to follow up this result. Please contact the Biochemical Genetics consultant on call (800-533-1710) if you have any questions.

ADDITIONAL INFORMATION

Flow Injection Analysis-Tandem Mass Spectrometry (FIA-MS/MS)

Laboratory Notes

- 1 This test was developed and its performance characteristics determined by Mayo Clinic in a manner consistent with CLIA requirements. This test has not been cleared or approved by the U.S. Food and Drug Administration.

Performing Site Legend

Code	Laboratory	Address	Lab Director	CLIA Certificate
MCR	Mayo Clinic Laboratories - Rochester Main Campus	200 First Street SW, Rochester, MN 55905	William G. Morice M.D. Ph.D	24D0404292