



3333 Burnet Avenue, Cincinnati, Ohio 45229

Name:
MRN:
DOB:
Sex:
Patient Location:
OP ID:
Encounter ID:

Bile Acids, urine and other (Final result)

FAB #**Specimen Volume**

2.5 mL

Bile Acids Interpretation

A urine sample, collected XXXXXXXX XX, XXXX, from this patient has been analyzed using fast atom bombardment ionization mass spectrometry for the detection of potential inborn errors in the cholesterol-bile acid biosynthetic pathway.

The negative ion FAB-MS spectrum of the urine from this patient is attached. The profile indicates a significant elevation in urinary bile acid excretion consistent with a moderate cholestasis.

Qualitatively, the profile reveals elevations in mainly taurine conjugates of dihydroxy- and trihydroxy-cholanoic acids. However, based upon this FAB-MS analysis there is no indication for a defect in the cholesterol-bile acid biosynthetic pathway, or any abnormality in peroxisomal beta-oxidation of bile acid intermediates.

LDT Disclaimer

If you require further information regarding this analytical test contact Dr. Kenneth DR Setchell PhD at 513-636-4548, and for clinical information and support contact Dr. Kathleen Campbell, MD at 513-636-3994.

This test was developed and its performance characteristics were determined and validated by the Clinical Mass Spectrometry Laboratory at Cincinnati Childrens Hospital Medical Center. It has not been cleared or approved by the US Food and Drug Administration. This laboratory is certified under the Clinical Laboratory Improvement Amendments of 1988 (CLIA 88) as qualified to perform high-complexity laboratory testing.

Electronically signed by Setchell, Kenneth D; Date/Time: 10/8/2021 1504

ID:		Type:	Urine
Collected:	Clinical Labs,	Received:	
Authorized by:	Cchmc	Verified On:	
Resulting Lab:	CMASSSPEC		

Resulting Labs**CMASSSPEC**

CCM MASS SPEC, 3333 Burnet Ave, Cincinnati OH 45229

Name: _____

MRN: _____

DOB: _____

Document on 10/8/2021 1020 by Wolfe, Brian E: FAB 18237.pdf:

FAB #

2.5 mL urine,

Magnet FB-
1.52e4