

# CHANGES TO NEWBORN SCREENING RESULT REPORTING STATEMENTS

## NEWBORN SCREENING LABORATORY – DEPARTMENT OF STATE HEALTH SERVICES

By the end of February 2014, a new analyte, C3+C16, will be added to the screening algorithm of fatty acid disorders. Possible results for this new analyte on the report may be Low, or Normal. The table below lists the current and new Screening Result Notes that will be affected. All changes are indicated in red:

Changes (in red) to **EXISTING** possible results for Fatty Acid Disorders:

Disorder	Disorder Result	CURRENT Analyte(s)	CURRENT Analyte Result	NEW Analyte(s)	NEW Analyte Results	NEW Screening Result Note
Fatty Acid Disorders	Abnormal	C0	Borderline	C0 C3+C16	C0 may be Borderline or Low C3+C16 may be Normal or Low	Borderline Result. Possible Metabolic Disorder. If this is the second screen, please follow recommendations received from Clinical Care Coordination. Otherwise, please repeat the newborn screen <b>in a week</b> .
Fatty Acid Disorders	Abnormal	C0	Low	C0 C3+C16	C0 will be Low C3+C16 may be Normal or Low	Possible CUD. Recommend blood sugar, plasma (free and total) carnitine <b>and maternal plasma (free and total) carnitine within a week</b> . Refer to a metabolic specialist.
Fatty Acid Disorders	Abnormal	C0	Low	C0 C3+C16	C0 will be Low C3+C16 may be Normal or Low	Possible CUD. Place baby on carnitine <b>immediately and</b> repeat the newborn screen in one week.

### Resources:

- [Healthcare Provider Resources](#)
- [List of all possible NBS Results, Analytes & Notes \(NEW format\)](#)
- [List of all possible NBS Results, Analytes & Notes \(OLD format\)](#)
- [Example Abnormal Result Report](#)
- [Example Normal Result Report](#)

### Reminders:

- Read Screening Result Notes fully before taking action.
- Screening Result Notes may continue on Page 2 of the Result Report.
- Contact the laboratory with any questions:
  - Telephone: 1-888-963-7111 X7585 or x2638
  - Email: [NewbornScreeningLab@dshs.state.tx.us](mailto:NewbornScreeningLab@dshs.state.tx.us)