



CHANGES TO NEWBORN SCREENING CAH TESTING AND RESULT REPORTING STATEMENTS

The Texas DSHS Newborn Screening (NBS) Laboratory is adding a second-tier reflex test for screening of Congenital Adrenal Hyperplasia (CAH). Two new CAH result reporting statements will be added and all other abnormal CAH results will be updated to reflect the addition of testing methodology. These updates are scheduled to go into effect September 17, 2018. All changes are indicated in **red**.

Overall Result	Disorder	Screening Result	New/Revised Screening Result Note
Abnormal	CAH	Abnormal	Probable CAH. 17-Hydroxyprogesterone (17-OHP) Elevated and reflex panel Abnormal. Recommend serum 17-OHP within 24 hours. Follow additional recommendations received from Clinical Care Coordination.
Abnormal	CAH	Abnormal	Possible CAH. 17-Hydroxyprogesterone Elevated and reflex panel Abnormal for birth weight less than 2500 grams. Repeat the newborn screen within 7 days. Follow additional recommendations received from Clinical Care Coordination.
Abnormal	CAH	Abnormal	Possible CAH. 17-Hydroxyprogesterone Elevated for birth weight less than 2500 grams. Insufficient specimen to complete reflex testing. Repeat the newborn screen within 7 days.
Abnormal	CAH	Abnormal	Possible CAH. 17-Hydroxyprogesterone (17-OHP) Very Elevated for birth weight less than 2500 grams. Insufficient specimen to complete reflex testing. Recommend serum 17-OHP, sodium and potassium and refer to an endocrinologist within 24 hours.
Abnormal	CAH	Abnormal	Possible CAH. 17-Hydroxyprogesterone Slightly Elevated for birth weight greater than or equal to 2500 grams. Insufficient specimen to complete reflex testing. If this is the second newborn screen, follow recommendations received from Clinical Care Coordination. Otherwise, repeat the newborn screen within 7 days.
Abnormal	CAH	Abnormal	Possible CAH. 17-Hydroxyprogesterone (17-OHP) Moderately Elevated for birth weight greater than or equal to 2500 grams. Insufficient specimen to complete reflex testing. Recommend serum 17-OHP, sodium and potassium within 24 hours.
Abnormal	CAH	Abnormal	Probable CAH. 17-Hydroxyprogesterone (17-OHP) Very Elevated for birth weight greater than or equal to 2500 grams. Insufficient specimen to complete reflex testing. Recommend serum 17-OHP and daily sodium and potassium and refer to an endocrinologist within 24 hours.

A full list of all possible results can be found here: <http://www.dshs.texas.gov/lab/nbs/results/>.

Reminders:

- Read Screening Result Notes fully before taking action.
- Contact the DSHS Laboratory with any questions:
 - Telephone: 1-888-963-7111 X7585 or x2638
 - Email: NewbornScreeningLab@dshs.tx.gov