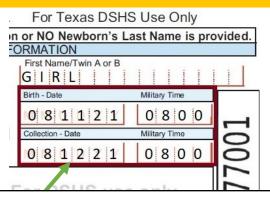
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Newborn Screening Quality Improvement Hints

One reason specimens being unsatisfactory for testing is

SPECIMEN TOO OLD TO TEST UPON RECEIPT



Specimens should be shipped to DSHS as soon as possible after they are dry. National recommendation is to have specimens received within 24 hours of collection. If received after 13 days from collection, specimens will be unsatisfactory for testing.

If using Overnight/Priority Shipping (UPS, DHL, FedEx, etc.) use this address:

Texas Department of State Health Services Laboratory Services Section, MC 1947 1100 W. 49th Street Austin, TX 78756-3199

If sending by regular mail, use this address:

Texas Department of State Health Services Laboratory Services Section, MC 1947 PO Box 149341 Austin, TX 78714-9341

TIPS TO ENSURE TIMELY RECIEPT OF SPECIMENS BY DSHS LABORATORY

Shipping specimens by USPS Priority or Express Mail, UPS Next Day Air, FedEx Overnight, or other types of next day shipping, can help avoid delays. •Ship specimens overnight

- •Avoid holding or batching specimens.
- •Assign a staff member to the following daily tasks:
 - •Gather specimens 1 hour before scheduled courier pickup
 - •Check specimen quality and demographic information for accuracy and legibility
 - •Ensure all dried specimens are included in the next available shipment.
 - •Ensure courier documentation is correct and complete

•Ensure all specimens have the correct name, date of birth, and date of collection before shipping. Incorrect or incomplete demographic information can lead to testing delays or rejection



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Texas Department of State Health Services VOL. 4| 2022 TEXAS NEWBORN SCREENING LABORATORY

Why is it important for specimens to arrive at the DSHS laboratory within thirteen days of specimen collection?

The quick delivery of specimens to the testing laboratory is imperative. It is important that submitting facilities are mindful of the time between collection and shipment for the following reasons:

- Finding and treating these disorders early can prevent serious complications, such as growth problems, developmental delays, deafness, blindness, intellectual disabilities, seizures, and sudden or early death. Some conditions may manifest with acute symptoms in the first days of life and require immediate treatment to reduce risk of morbidity and mortality.
- Based on CLIA and the equipment manufacturer's guidelines, the DSHS NBS Laboratory established a timeframe for specimen stability from the date of specimen collection.
- Specimens not received at the DSHS Laboratory within 13 days of collection will be unsatisfactory for testing and require a recollection.

View the National Newborn Screening Timeliness Goals here: <u>https://www.hrsa.gov/advisory-</u> <u>committees/heritable-disorders/newborn-screening-timeliness.html</u>

Other Helpful Resources



Newborn screening collection video: https://clsi.org/nbs01-gate/



DSHS Newborn Screening Laboratory Contact: Email: <u>NewbornScreeningLab@dshs.state.tx.us</u> or call 1-888-963-7111 ext. 7333



Texas Department of State Health Services VOL. 4| 2022 TEXAS NEWBORN SCREENING LABORATORY