

EXAMPLE REPORT INDICATING UNSATISFACTORY SCREENING



TEXAS Health and Human Services

Texas Department of State Health Services

PUBLIC HEALTH LABORATORY DIVISION
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CONFIDENTIAL LABORATORY REPORT

SUBMITTER NAME - 00000000
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NEWBORN SCREENING REPORT - 2

Patient Name: GIRL TEXAN MRN: 334455B Lab Number: 2024 281 9001
Date Of Birth: 10/05/2024 Birth Order: 2 Sex: FEMALE Form Serial No: 23-0083037
Mother Name: MOTHER TEXAN Birthweight: 3,000 grams Date Collected: 10/06/2024
Mother Phone: (512) 999 - 9999 Feed: Breastmilk Only Date Received: 10/07/2024
PCP Name: MEDICAL DOCTOR Status: NORMAL Date Reported: 10/08/2024
PCP Phone: (512) 777 - 7777

UNSATISFACTORY SPECIMEN-RESUBMIT Overall Specimen Result

The specimen submitted for this patient was deemed unsatisfactory for the reasons listed below.
An immediate recollection is necessary to further evaluate this infant.

- 1) Blood did not completely fill specimen circles. Resubmit within 7 days.
2) Blood did not soak through paper due to incomplete saturation. Resubmit within 7 days.
3) Blood was caked, clotted, or layered onto the filter paper. Resubmit within 7 days.

The Screening Result Notes provide information on why the specimen was deemed unsatisfactory to test. Please visit the Healthcare Provider Resources page of the Newborn Screening website for additional information on unsatisfactory specimens:
Newborn Screening - Healthcare Provider Resources | Texas DSHS

Note clarifying the scope of Newborn Screening

Note clarifying lab developed testing

Disorders Screened: Navigate to the webpage or scan the QR code for a complete listing of disorders screened in each category appearing in the result table

-- The newborn screen identifies newborns at increased risk for specified disorders. The reference value for all screened disorders is 'Normal'. Analyte results are only reported for abnormal disorder screening results. The recommended collection time period and the testing methodologies have been designed to minimize the number of false negative and false positive results in newborns and young infants. When the newborn screen specimen is collected before 24 hours of age or on older children, the test may not identify some of these conditions. If there is a clinical concern, diagnostic testing should be initiated. Specimens that are unacceptable are reported as Unsatisfactory. List of disorders screened available at www.dshs.state.tx.us/lab/NBSDisordersScreened.



--The SCID / SMA test is performed by multiplex real-time PCR to detect the presence of T-cell receptor excision circles (TRECs) and SMN1 gene homozygous exon 7 deletion. The detection rate is estimated to be 95% of SMA cases. SCID, SMA, Biotinidase deficiency, and Hemoglobinopathy screening tests and CAH and X-ALD reflex panels were developed / modified and performance characteristics determined by DSHS. These tests have not been cleared or approved by the US Food and Drug Administration (FDA).