NOTICE: Newborn Screening Result Report Format Change to Include Expanded Panel of Disorders

Please see below for an example of an abnormal screen test. Gray-shaded boxes provide information on specific areas.

Report Indicating Abnormal Screen Results

Texas Department of State Health Services

LABORATORY SERVICES SECTION
CLIA #45D0660644

CONFIDENTIAL LABORATORY REPORT

1100 WEST 49TH STREET
AUSTIN, TEXAS
78756-3194
1-888-963-7111
www.dshs.state.tx.us

TEXAS DEPARTMENT OF STATE HLTH SERVICES – 00000001
ATTN: LABORATORY
1100 W 49TH ST
AUSTIN, TX 78756

Overall Status

Patient's Name:	SMITH TEXAN	NEWBORN SCREENING REPORT	
Mother's Name:		Laboratory Number:	2007 023 4568
		Form Serial No:	06-0277696
Date of Birth:	01/10/2007	Date Collected:	01/11/2007
		Date Received:	01/23/2007
Medical Record:		Date Reported:	
Birth Weight:	2,800 grams		
		Test:	
Race/Ethnicity:		Mother's SSN:	
		Mother's Address:	1100 WEST 49TH
Sex:	Birth Order:		AUSTIN, TX
		Mother's Telephone:	
Feed: BOTTLE		Physician's Name:	
		Physician's Telephone:	
Status: NORMAL			

ABNORMAL SCREEN

Disorder	Screening Result	Analyte	Analyte Result
Amino Acid Disorders	Normal		
Fatty Acid Disorders	Abnormal: See Note 1	C8 C6 C10:1 C10 C8/C2	Elevated Elevated Normal Elevated Elevated
Organic Acid Disorders	Normal		
Galactosemia	Normal		
Biotinidase Deficiency	Abnormal: See Note 2	Biotinidase	Abnormal
Endocrine Disorders	Abnormal: See Note 3	T4/TSH	T4 Low, TSH Slightly Elevated
Hemoglobinopathies	Normal		

Screening Result Notes:
1. Possible MCAD. Recommend plasma acylcarnitine profile and urine organic acids (including acylglycines). Refer to a metabolic specialist.
2. Possible Biotinidase Deficiency. Recommend enzyme assay for biotinidase. Refer to a metabolic specialist.
3. Possible Hypothyroidism. Please repeat the newborn screen.

Disorders Screened: **AMINO ACID DISORDERS:** Argininosuccinic Acidemia (ASA), Citrullinemia (CIT), Homocystinuria (HCY), Maple Syrup Urine Disease (MSUD), Phenylketonuria (PKU), Tyrosinemia type I (TYRI). **FATTY ACID DISORDERS**: Medium-Chain Acyl-CoA Dehydrogenase Def. (MCAD), Very Long Chain Acyl-CoA Dehydrogenase Def. (VLCAD), Long Chain Hydroxyacyl-CoA Dehydrogenase (LCHAD), Trifunctional Protein Def. (TFP), Carnitine Uptake Def. (CUD), Carnitine Palmitoyl Transferase Def.1 (CPT1). **ORGANIC ACID DISORDERS:** Glutaric Acidemia I (GA-I), 3-OH 3-Methyl Glutaric Aciduria (HMG), Isovaleric Acidemia (IVA), Multiple Carboxylase Def. (MCD), 3 Methyl Crotonyl-CoA Carboxylase Def. (3-MCC), Methylmalonic Acidemia (MMA), Propionic Acidemia (PA), Beta-Ketothiolase Def. (BKT). **GALACTOSEMIA. BIOTINIDASE DEFICIENCY. ENDOCRINE DISORDERS**: Congenital Hypothyroidism (CH), Congenital Adrenal Hyperplasia (CAH). **HEMOGLOBINOPATHIES:** including Hb S/S, Hb S/C, Hb S-Beta thalassemia

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		Form Serial No:	06-0277696
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		Date Received:	01/23/2007
Medical Record:		Date Reported:	
Birth Weight:	2,800 grams		

The Screening Result column indicates if the disorder category tested is Normal, Abnormal, or Unsatisfactory.

The Analyte column lists analytes that indicate a specific disorder.

The Result Table includes an "Analyte" and "Analyte Result" column for Abnormal Screens.

The Screening Result Notes provide additional information on possible disorders, recommendations for follow-up testing and reasons for unsatisfactory specimens. Notes may continue on Page 2.

Important messages – Updated periodically.

IMPORTANT MESSAGES: Updated February 7, 2007
EXPANSION: All specimens are now tested for 27 disorders.
Forms with serial numbers beginning with "05-" expired Dec.31, 2006! All specimens received on expired forms or without a date of collection will be REJECTED.
TUTORIAL: A web-based tutorial (free CME) on the Texas NBS Expansion is available at http://txhealthsteps.com/.
24-HOUR, 7-DAY RESULT ACCESS (not including the expansion tests) is available via the Voice Response System (VRS). Call 1-888-963-7111 ext. 6988 or e-mail labappsupport@dshs.state.tx.us to obtain a PIN and instructions.

The List of Disorders will print on all pages.

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