DISORDERS INCLUDED IN THE TEXAS NEWBORN SCREENING PANEL

BLOODSPOT TESTING CONDUCTED AT DSHS LABORATORY

AMINO ACID DISORDERS:

Argininosuccinic Acidemia (ASA)
Argininemia (ARG)
Benign hyperphenylalaninemia (H-PHE)
Biopterin defect in cofactor biosynthesis (BIOPT BS)
Biopterin defect in cofactor regeneration (BIOPT REG)
Citrullinemia, Type I (CIT)
Citrullinemia, Type II (CIT II)
Homocystinuria (HCY)
Hypermethioninemia (MET)
Maple Syrup Urine Disease (MSUD)
Phenylketonuria (PKU)
Tyrosinemia, Type I (TYR I)
Tyrosinemia, Type II (TYR II)
Tyrosinemia, Type III (TYR III)

FATTY ACID DISORDERS:

Medium-Chain Acyl-CoA Dehydrogenase Deficiency (MCAD)
Very Long-Chain Acyl-CoA Dehydrogenase Deficiency (VLCAD)
Long Chain 3-Hydroxyacyl-CoA Dehydrogenase Deficiency (LCHAD)
Medium/Short-Chain L-3-Hydroxyacyl-CoA Dehydrogenase Deficiency (M/SCHAD)
Medium-Chain Ketoacyl-CoA Thiolase Deficiency (MCKAT)
Carnitine Uptake Deficiency (CUD)
Carnitine Palmitoyltransferase Type IA deficiency (CPT IA)
Carnitine Palmitoyltransferase Type II deficiency (CPT II)
Carnitine Acylcarnitine Translocase Deficiency (CACT)
Glutaric Acidemia Type 2 (GA2)
Trifunctional Protein Deficiency (TFP)
2,4 Dienoyl-CoA Reductase Deficiency (DE RED)
Short-Chain Acyl-CoA Dehydrogenase Deficiency (SCAD)

ORGANIC ACID DISORDERS:

Glutaric Acidemia Type 1 (GA1)
3-Hydroxy-3-Methylglutaric Aciduria (HMG)
2-Methylbutyrylglycinuria (2MBG)
3-Methylglutaconic Aciduria (3MGA)
2-Methyl-3-Hydroxybutyric Aciduria (2M3HBA)
Isovaleric Acidemia (IVA)
Isobutyrylglycinuria (IBG)
Multiple Carboxylase Deficiency (MCD)
3-Methylcrotonyl-CoA Carboxylase Deficiency (3-MCC)
Malonic Acidemia (MAL)
Methylmalonic Acidemia (methylmalonyl-CoA mutase) (MUT)
Methylmalonic Acidemia (cobalamin disorders) (Cbl A,B)

Methylmalonic Acidemia with Homocystinuria (Cbl C, D)
Propionic Acidemia (PROP)
Beta-Ketothiolase Deficiency (BKT)

ENDOCRINE DISORDERS:

Congenital Hypothyroidism (CH)
Congenital Adrenal Hyperplasia (CAH)

HEMOGLOBINOPATHIES including:

Hb S/S
Hb S/C
Hb S-Beta thalassemia
Various other hemoglobinopathies (Var Hb)

OTHER DISORDERS

Cystic Fibrosis (CF)
Galactosemia (GALT)
Biotinidase Deficiency (BIOT)
Severe Combined Immunodeficiency (SCID)
T-cell related lymphocyte deficiencies

POINT OF CARE SCREENING CONDUCTED AT BIRTHING FACILITY

Hearing
Critical Congenital Heart Disease