

IDAHO NEWBORN SCREENING PANEL (47 CONDITIONS)

Amino Acid Disorders

- Argininosuccinic aciduria - ASA
- Argininemia - ARG
- Benign hyperphenylalaninemia - H-PHE
- Citrullinemia, type I - CIT
- Citrullinemia, type II - CIT II
- Classic phenylketonuria - PKU
- Homocystinuria - HCY
- Hypermethioninemia - MET
- Maple syrup urine disease - MSUD
- Tyrosinemia, type I - TYR I
- Tyrosinemia, type II - TYR II
- Tyrosinemia, type III - TYR III

Endocrine Disorders

- Congenital adrenal hyperplasia - CAH
- Congenital hypothyroidism - CH

Fatty Acid Disorders

- Carnitine uptake defect/carnitine transport defect - CUD
- Carnitine acylcarnitine translocase deficiency - CACT
- Carnitine palmitoyltransferase type I deficiency - CPT IA
- Carnitine palmitoyltransferase type II deficiency - CPT II
- Glutaric acidemia type II - GA2
- Long-chain L-3 hydroxyacyl-CoA dehydrogenase deficiency - LCHAD
- Medium-chain acyl-CoA dehydrogenase deficiency - MCAD
- Short-chain acyl-CoA dehydrogenase deficiency - SCAD
- Trifunctional protein deficiency - TFP
- Very long-chain acyl-CoA dehydrogenase deficiency - VLCAD

Hemoglobin Disorders

- S, Beta + thalassemia - Hb S/B+ Th
- S,C disease - Hb S/C
- S,S disease (Sickle cell anemia) - Hb SS
- Various other hemoglobinopathies - Var Hb

Organic Acid Disorders

- 2-Methyl-3-hydroxybutyric aciduria - 2M3HBA
- 3-Hydroxy-3-methylglutaric aciduria - HMG
- 3-Methylcrotonyl-CoA carboxylase deficiency - 3-MCC
- 2-Methylbutyrylglucosuria - 2MBG
- 3-Methylglutaconic aciduria - 3MGA
- Beta-Ketothiolase deficiency - BKT
- Glutaric acidemia type I - GA1
- Holocarboxylase synthase deficiency - MCD
- Isovaleric acidemia - IVA
- Isobutyrylglucosuria - IBG
- Malonic acidemia - MAL
- Methylmalonic acidemia (cobalamin disorders) - Cbl A,B
- Methylmalonic acidemia (methylmalonyl-CoA mutase) - MUT
- Methylmalonic acidemia with homocystinuria - Cbl C,D
- Propionic acidemia - PROP

Other Disorders

- Biotinidase deficiency - BIOT
- Classic galactosemia - GALT
- Cystic fibrosis - CF
- Severe Combined Immunodeficiencies - SCID

