



for more  
information

newborn screening

To learn more about newborn screening and specific disorders, contact:

- March of Dimes  
[marchofdimes.com](http://marchofdimes.com)
- American Academy of Pediatrics  
[www.medicalhomeinfo.org/screening/newborn.html](http://www.medicalhomeinfo.org/screening/newborn.html)
- American College of Medical Genetics  
<http://mchb.hrsa.gov/screening>
- National Center for Hearing Assessment and Management, Utah State University  
[www.infanthearing.org/resources.html](http://www.infanthearing.org/resources.html)



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To order our catalog or multiple copies of our materials, call 1-800-367-6630.  
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## baby's first tests

Your baby will have some tests, called newborn screening tests, before you take him home from the hospital. These tests look for uncommon health disorders that affect how the body works. Babies with these conditions often look healthy. But unless the condition is diagnosed and treated early, the baby can develop lasting physical problems or mental retardation, or may even die.

The testing is simple. A health care provider will prick your baby's heel to get a few drops of blood. There is no risk to your baby, except maybe some bruising or soreness where the skin was pricked. The blood sample goes to a lab for testing. The results usually are sent to your baby's health care provider. Your baby also may be tested for hearing loss with a small microphone placed in her ears.

Most likely, the test results will be normal. This means your baby probably doesn't have one of the disorders. If the result is not normal, your baby needs more tests right away to make sure he's OK. If your baby does have one of the disorders, early treatment is essential.

## recommended tests

Screening tests for the following 29 conditions are recommended by the American College of Medical Genetics and endorsed by the March of Dimes and the American Academy of Pediatrics.

### Organic Acid Metabolism Disorders

**IVA**  
(Isovaleric acidemia)

**GA-I**  
(Glutaric acidemia type I)

**HMG**  
(Hydroxymethylglutaric aciduria)

**MCD**  
(Multiple carboxylase deficiency)

**MUT**  
(Methylmalonic acidemia, mutase deficiency form)

**3MCC**  
(3-Methylcrotonyl-CoA carboxylase deficiency)

**Cbl A,B**  
(Methylmalonic acidemia, Cbl A and Cbl B forms)

**PROP**  
(Propionic acidemia)

**BKT**  
(Beta-ketothiolase deficiency)

**Fatty Acid Oxidation Disorders**

**MCAD**  
(Medium-chain acyl-CoA dehydrogenase deficiency)

**VLCAD**  
(Very-long-chain acyl-CoA dehydrogenase deficiency)

**LCHAD**  
(Long-chain hydroxyacyl-CoA dehydrogenase deficiency)

**TFP**  
(Trifunctional protein deficiency)

**CUD**  
(Carnitine uptake defect)

### Amino Acid Metabolism Disorders

**PKU**  
(Phenylketonuria)

**MSUD**  
(Maple syrup urine disease)

**HCY**  
(Homocystinuria)

**CIT**  
(Citrullinemia)

**ASA**  
(Argininosuccinic acidemia)

**TYR I**  
(Tyrosinemia type I)

### Hemoglobinopathies

**Hb SS**  
(Sickle cell anemia)

**Hb S/Th**  
(Hb S/Beta-thalassemia)

**Hb S/C**  
(Hb S/C disease)

### Others

**CH**  
(Congenital hypothyroidism)

**BIOT**  
(Biotinidase deficiency)

**CAH**  
(Congenital adrenal hyperplasia)

**GALT**  
(Galactosemia)

**HEAR**  
(Hearing deficiency)

**CF**  
(Cystic fibrosis)

States vary in the number of tests they provide. Find out about your state's tests from your baby's health care provider, state health department or the National Newborn Screening and Genetics Resource Center at [www.genes-r-us.uthscsa.edu/nbdisorders.pdf](http://www.genes-r-us.uthscsa.edu/nbdisorders.pdf). This site also lists labs you can use if you want more tests done.