



Division of Laboratory Services

630 Hart Lane
 Nashville, TN 37216
 615-262-6300

<https://www.tn.gov/newbornscreeninglab>

Newborn Screening Disorder:

**Medium/Short chain L-3 hydroxyacyl CoA
 Dehydrogenase Deficiency (M/SCHAD)**

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| Alternate Name(s) | <ul style="list-style-type: none"> • 3-hydroxylacyl-CoA dehydrogenase deficiency • HADH deficiency • L-3-alpha-hydroxyacyl-CoA dehydrogenase, short chain, deficiency |
| Analyte(s) Tested | <ul style="list-style-type: none"> • C3-DC + C4-OH |
| Methodology | Tandem Mass Spectrometry |
| TDH Requisition Form | <ul style="list-style-type: none"> • PH-1582 • Form Requests: Contact state lab by email or fax. Include facility name, address, phone number and contact person on your request. Fax: (615) 262-6455 Email: DCLAB.supply@tn.gov |
| Acceptable Specimen | Dried blood spots on filter paper collected from infants less than 6 months of age |
| Collection Information | <ul style="list-style-type: none"> • Optimal specimen: Collect at 24 hours + 1 minute of life • Acceptable specimen: Collect 24-48 hours of life • If transfused: Recollect 4 days post transfusion |
| Shipping Information | <ul style="list-style-type: none"> • Health Departments and Birthing Hospitals • Private Clinics and Midwives |
| Screening Results | <ul style="list-style-type: none"> • Tennessee Newborn Screening's Secure Remote Viewer (SRV) <ul style="list-style-type: none"> ○ Healthcare providers must be registered to view and print patient result reports. To Register: Complete and submit SRV Access Form (PH-3909). • NBS List of Screened Disorders and Mailer Explanations |
| Laboratory Location Performing Testing | Nashville, TN |