



Division of Laboratory Services

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

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

Newborn Screening Disorder:

Very Long Chain AcylCoA Dehydrogenase Deficiency (VLCAD)

Alternate Name(s)	<ul style="list-style-type: none">• Acyl-CoA dehydrogenase very long chain deficiency• VLCAD-C• VLCAD deficiency
Analyte(s) Tested	<ul style="list-style-type: none">• C14:1, C14, C2, C16, C12:1, C14:2, C18
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