



Division of Laboratory Services

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

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

Newborn Screening Disorder:

Argininosuccinic Aciduria (ASA)

Alternate Name(s)	<ul style="list-style-type: none"> Arginine succinase deficiency Inborn error of urea synthesis, arginino succinic type Urea cycle disorder, arginino succinase type Argininosuccinate lyase deficiency ASL deficiency ASA deficiency Argininosuccinicaciduria Argininosuccinate acidemia Argininosuccinic acid lyase deficiency
Analyte(s) Tested	<ul style="list-style-type: none"> Arginine
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