

Overview

Testing Algorithm

This test is only orderable by MCHS Wisconsin sites. This test is performed by the Wisconsin State Laboratory of Hygiene.

When this test is ordered the LDALD / Lysosomal and Peroxisomal Disorders Newborn Screen, Blood Spot and SMNDX / Spinal Muscular Atrophy Diagnostic Assay, Deletion/Duplication Analysis, Varies are automatically added. This test is collected on the Wisconsin State Laboratory of Hygiene collection card and the LDALD / Lysosomal and Peroxisomal Disorders Newborn Screen, Blood Spot and SMNDX / Spinal Muscular Atrophy Diagnostic Assay, Deletion/Duplication Analysis, Varies are collected on the Mayo Clinic Laboratories blood spot card. The LDALD test is performed by the Biochemical Genetics Laboratory and reported separately from WINS. The SMNDX test is performed by the Genomics Laboratory Molecular and also reported separately from WINS. The Biochemical Genetics Laboratory is responsible for ensuring tests are completed on babies born at Mayo Clinic Health Systems Wisconsin sites and for transcribing test results into the SOFT computer system.

For information on LDALD / Lysosomal and Peroxisomal Disorders Newborn Screen, Blood Spot and SMNDX / Spinal Muscular Atrophy Diagnostic Assay, Deletion/Duplication Analysis, Varies, see the individual Test IDs.

NY State Available

No

Specimen

Specimen Type

Whole blood

Specimen Minimum Volume

WINS: 4 blood spots

LDALD: 1 blood spot

Reject Due To

Blood spot; Shows serum rings; Insufficient specimen	Reject
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Specimen Stability Information

Specimen Type	Temperature	Time	Special Container
Whole blood	Ambient (preferred)	365 days	
	Frozen	365 days	
	Refrigerated	365 days	

Clinical and Interpretive

Performance
PDF Report

No

Day(s) and Time(s) Test Performed

Monday through Friday

Analytic Time

10 days

Performing Laboratory Location

Rochester

Fees and Codes
Fees

- Authorized users can sign in to [Test Prices](#) for detailed fee information.
- Clients without access to Test Prices can contact [Customer Service](#) 24 hours a day, seven days a week.
- Prospective clients should contact their Regional Manager. For assistance, contact [Customer Service](#).

Test Classification

Not Applicable

CPT Code Information

S3620

LOINC® Information

Test ID	Test Order Name	Order LOINC Value
WINS	Wisconsin Newborn Screen	54089-8

Result ID	Test Result Name	Result LOINC Value
113124	Wisconsin Newborn Screen	No LOINC Needed
55323	PHENYLKETONURIA: Phenylalanine	29571-7
55324	MAPLE SYRUP URINE DISEASE: Leucine	38479-2
55325	HOMOCYSTINURIA: Methionine	63380-0
55326	CITRULLINEMIA/ASA: Citrulline	46733-2
55327	TYROSINEMIA Type I: Succinylacetone	46733-2
55328	TYROSINEMIA Type II and III: Tyrosine	46733-2
55329	HYPOTHYROIDISM: TSH	46762-1
55330	ADRENAL HYPERPLASIA: 17-OHP	46758-9



Result ID	Test Result Name	Result LOINC Value
55331	CYSTIC FIBROSIS: Trypsinogen	46769-6
55332	HEMOGLOBINOPATHIES: Hgb Pattern	46740-7
55333	FATTY ACID OXIDATION: Acylcarnitine Prof	58088-6
55334	ORGANIC ACIDEMIAS: Acylcarnitine Profile	46733-2
55335	GALACTOSEMIA: GALT Activity	46737-3
55336	BIOTINIDASE DEF: Biotinidase Activity	46761-3
55337	SCID-IMMUNODEFICIENCY: TREC	62321-5
606121	SPINAL MUSCULAR ATROPHY: SMN1	92004-1