

Client: Example Client ABC123  
123 Test Drive  
Salt Lake City, UT 84108  
UNITED STATES

Physician: Doctor, Example

**Patient: Patient, Example**

**DOB:** 4/14/2025  
**Gender:** Female  
**Patient Identifiers:** 01234567890ABCD, 012345  
**Visit Number (FIN):** 01234567890ABCD  
**Collection Date:** 00/00/0000 00:00

**Galactosemia (GALT) Enzyme Activity and 9 Mutations**

ARUP test code 0051175

Galac-1-Phos Uridyltransferase

**14.3 U/g Hb L (Ref Interval: >=19.4)**

INTERPRETIVE INFORMATION: Galac-1-Phos Uridyltransferase

One U/g Hb is equivalent to one umol/hour/gram of hemoglobin (umol/hr/g Hb).

| Genotype                               | Galac-1-Phos Uridyltransferase activity(umol/hr/g Hb) |
|--|---|
| Classic galactosemia(G/G) .....        | Less than or equal to 0.7                             |
| Duarte galactosemia(D/G) .....         | 3.1-7.8   |
| Classic galactosemia carrier(G/N) .... | 6.5-16.2  |
| Duarte homozygous(D/D) .....           | 6.4-16.5  |
| Duarte carrier(D/N) .....              | 12.0-24.0   |
| Normal(N/N) .....                      | Greater than or equal to 19.4                         |

This test was developed and its performance characteristics determined by ARUP Laboratories. It has not been cleared or approved by the US Food and Drug Administration. This test was performed in a CLIA certified laboratory and is intended for clinical purposes.

Counseling and informed consent are recommended for genetic testing. Consent forms are available online.

Galactosemia (GALT) DNA Pan,G1PUT Spec whole Blood

Galactosemia (GALT) Allele 1 Negative

Galactosemia (GALT) Allele 2 Negative

Galactosemia - Ethnicity Unknown

Galactosemia - Symptoms Unknown

Galactosemia - Abnormal Newborn Screen Unknown

**H=High, L=Low, \*=Abnormal, C=Critical**

Unless otherwise indicated, testing performed at:



VERIFIED/REPORTED DATES

| Procedure                                | Accession     | Collected        | Received         | Verified/Reported |
|--|---------------|------------------|------------------|-------------------|
| Galac-1-Phos Uridyltransferase           | 25-107-150376 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00  |
| Galactosemia (GALT) DNA Pan,G1PUT Spec   | 25-107-150376 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00  |
| Galactosemia (GALT) Allele 1             | 25-107-150376 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00  |
| Galactosemia (GALT) Allele 2             | 25-107-150376 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00  |
| Galactosemia - Ethnicity                 | 25-107-150376 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00  |
| Galactosemia - Symptoms                  | 25-107-150376 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00  |
| Galactosemia - Abnormal Newborn Screen   | 25-107-150376 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00  |
| Galactosemia - Family History            | 25-107-150376 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00  |
| Galactosemia (GALT) DNA Pan,G1PUT Interp | 25-107-150376 | 00/00/0000 00:00 | 00/00/0000 00:00 | 00/00/0000 00:00  |

END OF CHART

H=High, L=Low, \*=Abnormal, C=Critical

Unless otherwise indicated, testing performed at:

ARUP LABORATORIES | 800-522-2787 | aruplab.com  
500 Chipeta Way, Salt Lake City, UT 84108-1221  
Jonathan R. Genzen, MD, PhD, Laboratory Director

Patient: Patient, Example  
ARUP Accession: 25-107-150376  
Patient Identifiers: 01234567890ABCD, 012345  
Visit Number (FIN): 01234567890ABCD  
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