

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

Physician: Doctor, Example

Patient: Patient, Example

DOB: 10/27/1990
Gender: Male
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Collection Date: 00/00/0000 00:00

Hexosaminidase A Percent and Total Hexosaminidase in Leukocytes

ARUP test code 2008125

Hexosaminidase Total, Leukocytes

1953.0

INTERPRETIVE INFORMATION: Hexosaminidase A Pct and Total in Leukocytes

Total Hexosaminidase in Leukocytes is reported in nmols hydrolyzed/hr/mg of protein.

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.

Hexosaminidase A Percent in Leukocytes

60.9 % L

(Ref Interval: ≥ 63.0)

Hexosaminidase in Leukocytes Interp

See Note

In this sample, hexosaminidase A activity, expressed as percentage of total hexosaminidase, was outside the normal range but higher than observed in Tay-Sachs disease (OMIM 272800) carriers. Total hexosaminidase activity was within normal ranges. Carrier status for Tay-Sachs disease cannot be excluded. Would repeat testing to exclude this possibility, and consider mutational analysis (Tay-Sachs Disease (HEXA) Sequencing and 7.6kb Deletion, ARUP test code 2009298).

Pseudo-deficiency has been shown for this enzyme, due to specific mutations affecting the exogenous substrate used by this assay, but not the endogenous substrates.

Milder variant forms of Tay-Sachs disease, such as the B1 variant or the activator protein deficiency (OMIM 272750), may not be identified by this assay.

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

VERIFIED/REPORTED DATES				
Procedure	Accession	Collected	Received	Verified/Reported
Hexosaminidase Total, Leukocytes	21-047-123892	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Hexosaminidase A Percent in Leukocytes	21-047-123892	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Hexosaminidase in Leukocytes Interp	21-047-123892	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
Tracy I. George, MD, Laboratory Director

Patient: Patient, Example
ARUP Accession: 21-047-123892
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
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