



LABORATORY REPORT

Example Client, XYZ123
1234 Warde Road
Ann Arbor MI 48108

EXAMPLE, REPORT W
WX0000003826 F 12/05/1988 34 Y

Referral Testing

Collected: 09/26/2023 08:09 Received: 09/26/2023 08:09

Table with 6 columns: Test Name, Result, Flag, Ref-Ranges, Units, Site. Row 1: IDH1 and IDH2 Mutation Analysis, exon 4, Detected, ARRL

A mutation in IDH2 exon 4 was detected: p.R172K

This result has been reviewed and approved by Archana Agarwal, M.D.

BACKGROUND INFORMATION: IDH1 and IDH2 Mutation Results

CHARACTERISTICS: This test is designed to detect mutations in exon 4 of the IDH1 and IDH2 genes at "hotspots" R132 of IDH1 and R140 and R172 of IDH2 that are frequently present in gliomas and in a subset of cases of acute myeloid leukemia.

METHODOLOGY: DNA is isolated from FFPE tissue, blood, or bone marrow. The DNA is amplified for IDH1 and IDH2 covering exon 4 of both genes including the important residues R132 (IDH1), R140 (IDH2) and R172 (IDH2).

LIMITATIONS: Mutations in other locations within the IDH1 and IDH2 genes or in other genes will not be detected. The limit of detection for this test is 20 percent mutant allele.

Test developed and characteristics determined by ARUP Laboratories. See Compliance Statement B: aruplab.com/CS Performed by ARUP Laboratories, 500 Chipeta Way, SLC,UT 84108 800-522-2787 www.aruplab.com, Julio Delgado, MD - Lab. Director

LAB: L - LOW, H - HIGH, AB - ABNORMAL, C - CRITICAL, . - NOT TESTED



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|------------------|---------------|-------------|-------------------|--------------|-------------|
| IDH 1-2 Source | Bone Marrow | | | | ARRL |

Performing Site:

ARRL: ARUP REFERENCE LAB 500 Chipeta Way Salt Lake City UT 841081221

Reported Date: 2023.09.26 8:09 IDHMA

LAB: L - LOW, H - HIGH, AB - ABNORMAL, C - CRITICAL, . - NOT TESTED

F326000005
WX0000003826

Ordered By: KAJAL SITWALA, MD, PhD
WX00000000002353

Printed D&T: 09/26/23 08:09

Kajal V. Sitwala, MD, PhD - Medical Director

Form: MM RL1

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