

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

Physician: Doctor, Example

Patient: Patient, Example

DOB: 1/16/1989
Gender: Male
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Collection Date: 00/00/0000 00:00

IDH1 R132H Point Mutation with Interpretation by Immunohistochemistry

ARUP test code 2007357

IDH1 R132H Point Mutation by IHC Result

Positive

While some of the foci of viable tumor on the slide are negative for IDH1-R132H, there is a clear focus of positive tumor present (test was repeated to ensure the stain is real). This could suggest that the negative areas either 1) do not have good antigen presentation, or 2) are truly negative. I would therefore recommend IDH1/2 sequencing to definitively assess for the presence of the IDH1 mutation suggested by this IHC stain.

TEST INFORMATION: IDH1 R132H Point Mutation by IHC

IDH1 R132H Point Mutation Detection by Immunohistochemistry detects the presence of mutant IDH1 R132H protein expression in brain tumors and can serve as a screening tool for molecular testing. A positive result indicates a probable IDH1 R132H mutation. A negative result indicates the tumor likely has no R132H mutation but the possibility of other IDH1 mutations, including less-common mutations occurring at R132 cannot be ruled out. The test is performed on paraffin-embedded, formalin-fixed tissue.

Controls were run and performed as expected.

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.

IDH1 Tissue Source L Brain Tumor

IDH1 R132H Mutation Reference Number US21-6725 A7

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

VERIFIED/REPORTED DATES				
Procedure	Accession	Collected	Received	Verified/Reported
IDH1 R132H Point Mutation by IHC Result	21-198-400642	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
IDH1 Tissue Source	21-198-400642	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
IDH1 R132H Mutation Reference Number	21-198-400642	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: 21-198-400642
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
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