

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

Physician: Doctor, Example

Patient: Patient, Example

DOB: 6/22/1982
Sex: Male
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Collection Date: 01/01/2017 12:34

DDIT3 (CHOP) (12q13) Gene Rearrangement by FISH

ARUP test code 3001304

DDIT3 FISH Result

Negative

This result has been reviewed and approved by [REDACTED]
[REDACTED] Controls performed as expected.

INTERPRETIVE INFORMATION: DDIT3 (CHOP), FISH

Fluorescence in situ hybridization (FISH) analysis was performed on a section from a paraffin embedded tissue block using differentially labeled fluorescent probes targeting the upstream (5') and downstream (3') flanking regions of the DDIT3 (CHOP) gene (Abbott Molecular). Cells were evaluated from regions of tumor identified on histopathologic review of a matching hematoxylin and eosin stained section. Controls performed appropriately.

This test is designed to detect rearrangements involving the DDIT3 (CHOP) gene, but it does not identify a specific partner gene. An abnormal signal pattern seen in 25 percent or more of the tumor cells evaluated is considered a positive result. Based on the assay performance during test validation, the test is expected to detect 100 percent of DDIT3 rearrangements in patients with DDIT3 rearranged tumors, except for rare instances of cryptic rearrangements. Assay range and limit of detection were generated using normal and known positive cases respectively.

Identification of a rearrangement of the DDIT3 gene locus is useful for distinguishing myxoid liposarcoma/round cell liposarcoma from other soft tissue tumors in the differential diagnosis.

Reference:

Fletcher DM, Bridge JA, Hogendoorn P, Mertens F, Eds. WHO Classification of Tumours of Soft Tissue and Bone, 4th Ed. Lyon, France: IARC, 2013.

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.

Total Cell Count 100

Scoring Method Manual

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

Unless otherwise indicated, testing performed at:

DDIT3 FISH Reference Number ██████████

DDIT3 FISH Source L Thigh Tumor

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
DDIT3 FISH Result	21-082-400045	3/16/2021 1:54:00 PM	3/23/2021 5:36:42 AM	3/24/2021 4:57:00 PM
Total Cell Count	21-082-400045	3/16/2021 1:54:00 PM	3/23/2021 5:36:42 AM	3/24/2021 4:57:00 PM
Scoring Method	21-082-400045	3/16/2021 1:54:00 PM	3/23/2021 5:36:42 AM	3/24/2021 4:57:00 PM
DDIT3 FISH Reference Number	21-082-400045	3/16/2021 1:54:00 PM	3/23/2021 5:36:42 AM	3/23/2021 6:29:00 AM
DDIT3 FISH Source	21-082-400045	3/16/2021 1:54:00 PM	3/23/2021 5:36:42 AM	3/23/2021 6:29:00 AM

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: 21-082-400045
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
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