

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

Physician: Doctor, Example

Patient: Patient, Example

DOB: 6/9/1977
Gender: Male
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Collection Date: 00/00/0000 00:00

IRF4/DUSP22 (6p25) Gene Rearrangement by FISH

ARUP test code 3001568

IRF4 FISH Result

Positive

This result has been reviewed and approved by [REDACTED]
[REDACTED] M.D. Controls stained appropriately.

Total Cell Count

102

Scoring Method

Computer Assisted

IRF4 FISH Reference Number

RIVS21-43810 3

IRF4 FISH Source

Lymph Node

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

INTERPRETIVE INFORMATION: IRF4/DUSP22 (6p25), FISH

IRF4/DUSP22 fluorescence in situ hybridization (FISH) analysis is designed to detect 6p25 (IRF4/DUSP22) translocations regardless of rearrangement partners. Differentially labelled probes targeting the upstream (5') and downstream (3') flanking regions of the IRF4/DUSP22 gene were used (Kreatech).

A result of 12 percent or more of the cells evaluated showing an abnormal signal pattern is considered positive. Some signal patterns other than the classic abnormal pattern may also be present and may be considered abnormal. Based on the assay performance during test validation, the test is expected to detect 100 percent of IRF4 rearrangements in patients with IRF4-rearranged lymphomas, except for rare instances of cryptic rearrangements. Assay range and limit of detection were generated using normal and known positive cases respectively.

IRF4/DUSP22 rearrangements can be found in both B-cell and T-cell non-Hodgkin lymphomas. Results should be correlated with clinical, morphologic, and immunophenotypic data.

Fluorescence in situ hybridization (FISH) analysis was performed on a section from a paraffin-embedded tissue block. The area(s) for analysis were selected by histopathologic review of a matching hematoxylin- and eosin-stained section.

Controls performed appropriately.

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.

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
IRF4 FISH Result	22-013-417826	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Total Cell Count	22-013-417826	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Scoring Method	22-013-417826	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
IRF4 FISH Reference Number	22-013-417826	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
IRF4 FISH Source	22-013-417826	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: