ARUP Laboratories
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*****Example Report*****

Patient Age/Gender: 60 years Unknown
Printed: 10-Jun-19 13:38:21

Procedure	Result	Units	Ref Interval	Accession	Collected	Received	Reported/ Verified
IRF4 FISH Reference Number				19-130-900435	10-May-19 13:34:00	10-Jun-19 13:35:00	10-Jun-19 13:37:04
IRF4 FISH Source	Lymph Node			19-130-900435	10-May-19 13:34:00	10-Jun-19 13:35:00	10-Jun-19 13:37:04
IRF4 FISH Result	Positive f			19-130-900435	10-May-19 13:34:00	10-Jun-19 13:35:00	10-Jun-19 13:37:04
Total Cell Count	100			19-130-900435	10-May-19 13:34:00	10-Jun-19 13:35:00	10-Jun-19 13:37:04
Scoring Method	Manual			19-130-900435	10-May-19 13:34:00	10-Jun-19 13:35:00	10-Jun-19 13:37:04

10-May-19 13:34:00 IRF4 FISH Result:

Controls were run and performed as expected. This result has been reviewed and approved by Tracy George, M.D.

10-May-19 13:34:00 IRF4 FISH Result:
METHODOLOGY AND TEST INFORMATION:

IRF4/DUSP22 fluorescent 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.

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.

Test developed and characteristics determined by ARUP Laboratories. See Compliance Statement B: aruplab.com/CS.