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

Physician: Doctor, Example

Patient: Patient, Example

DOB	10/26/2002
Gender:	Female
Patient Identifiers:	01234567890ABCD, 012345
Visit Number (FIN):	01234567890ABCD
Collection Date:	00/00/0000 00:00

IGH-MYC Fusion t(8;14) by FISH

ARUP test code 3001299

IGH-MYC FISH Result	Positive Controls were run and performed as expected. This result has been reviewed and approved by [redacted]
Total Cell Count	396
Scoring Method	Computer Assisted
IGH-MYC FISH Reference Number	123456
IGH-MYC FISH Source	TISSUE

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

INTERPRETIVE INFORMATION: IGH-MYC, FISH

IGH-MYC fluorescence in situ hybridization (FISH) analysis is designed to detect the IGH-MYC fusion associated with t(8;14)(q24;q32). Differentially labelled fluorescent probes directed against IGH, MYC, and the centromere of chromosome 8 were used (Agilent Technologies).

Fused signals within a cell are considered abnormal signal patterns and are consistent with IGH-MYC fusion. If a sample contains fused signals in 21 percent or more of the cells it is considered a positive result. Based on the assay performance during test validation, the test is expected to detect 100 percent of IGH-MYC rearrangements in patients with IGH-MYC-rearranged lymphomas, except for rare instances of cryptic rearrangements. Assay range and limit of detection were generated using normal and known positive cases respectively.

IGH-MYC fusion is seen in a variety of B-cell lymphomas, including diffuse large B-cell lymphomas (DLBCL), Burkitt lymphoma, and "double hit" or "triple hit" 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
IGH-MYC FISH Result	22-300-114616	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Total Cell Count	22-300-114616	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Scoring Method	22-300-114616	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
IGH-MYC FISH Reference Number	22-300-114616	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
IGH-MYC FISH Source	22-300-114616	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