ARUP LABORATORIES
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Tracy I. George, MD, Chief Medical Officer

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

Physician: Doctor, Example

Patient: Patient, Example

DOB	9/16/1949
Gender:	Male
Patient Identifiers:	01234567890ABCD, 012345
Visit Number (FIN):	01234567890ABCD
Collection Date:	00/00/0000 00:00

IGH-BCL2 Fusion, t(14;18) by FISH

ARUP test code 3001298

BCL2 FISH Result

Negative

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

INTERPRETIVE INFORMATION: IGH-BCL2 t(14;18), FISH

IGH-BCL2 fluorescence in situ hybridization (FISH) analysis is designed to detect the IGH-BCL2 fusion associated with t(14;18)(q32;q21). Differentially labeled fluorescent probes directed against IGH and BCL2 were used (Abbott Molecular).

Fused signals within a cell are considered abnormal signal patterns and are consistent with IGH-BCL2 fusion. If a sample contains single fused signals seen in 21 percent or more of the cells, or two or more fused signals in 6 percent or more of the cells evaluated, it is considered a positive result. Based on the assay performance during test validation, the test is expected to detect 100 percent of IGH-BCL2 rearrangements in patients with IGH-BCL2-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-BCL2 fusion is seen in a variety of B-cell lymphomas including follicular lymphomas, diffuse large B-cell lymphomas (DLBCL), 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.

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

BCL2 FISH Reference Number

[redacted]

BCL2 FISH Source

R Retroperitone

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

Total Cell Count	106
Scoring Method	Computer Assisted

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
BCL2 FISH Result	20-364-403838	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
BCL2 FISH Reference Number	20-364-403838	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
BCL2 FISH Source	20-364-403838	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Total Cell Count	20-364-403838	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Scoring Method	20-364-403838	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