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

[redacted]

Patient: Patient, Example

DOB	8/4/1966
Gender:	Male
Patient Identifiers:	01234567890ABCD, 012345
Visit Number (FIN):	01234567890ABCD
Collection Date:	00/00/0000 00:00

Aggressive B-Cell Lymphoma Reflex Panel by FISH, Tissue

ARUP test code 3001495

MYC FISH Result	Positive

LSI MYC by FISH result is positive. Testing has been reflexed to BCL2FISH based on client order.

Controls were run and performed as expected.
This result has been reviewed and approved by [redacted]

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

INTERPRETIVE INFORMATION: MYC Rearrangement, FISH

MYC fluorescence in situ hybridization (FISH) analysis is designed to detect 8q24 (MYC) translocations regardless of rearrangement partners. Differentially labeled probes targeting the upstream (5') and downstream (3') flanking regions of the MYC gene were used (Abbott Molecular).

When 10 percent or more of the cells evaluated show a classic (typical) abnormal signal pattern, it is considered a positive result. If this signal pattern is less than 10 percent, then a combination of other rearranged signal patterns with the classic abnormal pattern may be considered positive if equal to or greater than 20 percent. Based on the assay performance during test validation, the test is expected to detect 100 percent of MYC rearrangements in patients with 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.

MYC rearrangement 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.

The use of this assay on decalcified tissues has not been validated. Results should be interpreted with caution.

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.

MYC FISH Reference Number	C21-3743 A2
MYC FISH Source	R Neck LN
Total Cell Count	230
Scoring Method	Computer Assisted

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

ARUP test code 3001298

BCL2 FISH Result	Positive

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

Controls were run and performed as expected.
This result has been reviewed and approved by [redacted]

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.
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.

BCL2 FISH Reference Number	C21-3743 A2
BCL2 FISH Source	R Neck LN
Total Cell Count	428
Scoring Method	Computer Assisted

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

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
MYC FISH Result	21-101-400143	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
MYC FISH Reference Number	21-101-400143	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
MYC FISH Source	21-101-400143	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
BCL2 FISH Result	21-101-400143	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
BCL2 FISH Reference Number	21-101-400143	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
BCL2 FISH Source	21-101-400143	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Total Cell Count	21-101-400143	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Total Cell Count	21-101-400143	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Scoring Method	21-101-400143	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Scoring Method	21-101-400143	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00

END OF CHART