

Date of Birth: 13-Mar-89  
 Gender: Female  
 ARUP ID: 541062  
 Requisition #:   
 Client Supplied ID:   
 Physician: TEST -TEST,  
 Printed: 13-Mar-19 13:47:48

ARUP Physician Services 004070  
 321 TESTING ANSR EXTRACT  
 Salt Lake City NY 84108

<u>Procedure</u>	<u>Result</u>	<u>Units</u>	<u>Ref Interval</u>	<u>Accession</u>	<u>Collected</u>	<u>Received</u>	<u>Reported/</u> <u>Verified</u>
MYC FISH Result	Positive f			19-072-900084	13-Mar-19 13:00:00	13-Mar-19 13:14:00	13-Mar-19 13:31:15
MYC FISH Reference Number	Test			19-072-900084	13-Mar-19 13:00:00	13-Mar-19 13:14:00	13-Mar-19 13:37:08
MYC FISH Source	Test			19-072-900084	13-Mar-19 13:00:00	13-Mar-19 13:14:00	13-Mar-19 13:37:08
BCL2 FISH Result	Negative f			19-072-900084	13-Mar-19 13:00:00	13-Mar-19 13:14:00	13-Mar-19 13:37:08
BCL2 FISH Reference Number	Test			19-072-900084	13-Mar-19 13:00:00	13-Mar-19 13:14:00	13-Mar-19 13:45:00
BCL2 FISH Source	Test			19-072-900084	13-Mar-19 13:00:00	13-Mar-19 13:14:00	13-Mar-19 13:45:00
BCL6 FISH Result	Negative f			19-072-900084	13-Mar-19 13:00:00	13-Mar-19 13:14:00	13-Mar-19 13:45:00
BCL6 FISH Reference Number	Test			19-072-900084	13-Mar-19 13:00:00	13-Mar-19 13:14:00	13-Mar-19 13:45:00
BCL6 FISH Source	Test			19-072-900084	13-Mar-19 13:00:00	13-Mar-19 13:14:00	13-Mar-19 13:45:00
Total Cell Count	1			19-072-900084	13-Mar-19 13:00:00	13-Mar-19 13:14:00	13-Mar-19 13:45:00
Total Cell Count	1			19-072-900084	13-Mar-19 13:00:00	13-Mar-19 13:14:00	13-Mar-19 13:45:00
Total Cell Count	1			19-072-900084	13-Mar-19 13:00:00	13-Mar-19 13:14:00	13-Mar-19 13:45:00
Scoring Method	Computer Assisted			19-072-900084	13-Mar-19 13:00:00	13-Mar-19 13:14:00	13-Mar-19 13:37:08
Scoring Method	Manual			19-072-900084	13-Mar-19 13:00:00	13-Mar-19 13:14:00	13-Mar-19 13:45:00
Scoring Method	Manual			19-072-900084	13-Mar-19 13:00:00	13-Mar-19 13:14:00	13-Mar-19 13:45:00

13-Mar-19 13:00:00 MYC FISH Result:

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 Timothy Hanley, M.D., PhD.

13-Mar-19 13:00:00 BCL2 FISH Result:

BCL2 by FISH result is negative. Testing has been reflexed to BCL6 FISH based on client order.

13-Mar-19 13:00:00 BCL6 FISH Result:

Controls were run and performed as expected.

This result has been reviewed and approved by Timothy Hanley, M.D., PhD.

13-Mar-19 13:00:00 MYC FISH Result:

#### METHODOLOGY AND TEST INFORMATION:

MYC fluorescent 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.

\* = Abnormal, # = Corrected, C = Critical, f = Footnote, H = High, L = Low, t = Interpretive Text, @ = Reference Lab

**ARUP Physician Services 004070**  
**321 TESTING ANSR EXTRACT**  
**Salt Lake City NY 84108**

Date of Birth: 13-Mar-89  
Gender: Female  
ARUP ID: 541062  
Requisition #:  
Client Supplied ID:  
Physician: TEST -TEST,  
Printed: 13-Mar-19 13:47:48

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.

Test developed and characteristics determined by ARUP Laboratories. See Compliance Statement A: [aruplab.com/CS](http://aruplab.com/CS)

13-Mar-19 13:00:00 BCL2 FISH Result:  
METHODOLOGY AND TEST INFORMATION:

IGH-BCL2 fluorescent 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.

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](http://aruplab.com/CS).

13-Mar-19 13:00:00 BCL6 FISH Result:  
METHODOLOGY AND TEST INFORMATION:

\* = Abnormal, # = Corrected, C = Critical, f = Footnote, H = High, L = Low, t = Interpretive Text, @ = Reference Lab

**ARUP Physician Services 004070**  
**321 TESTING ANSR EXTRACT**  
**Salt Lake City NY 84108**

Date of Birth: 13-Mar-89  
Gender: Female  
ARUP ID: 541062  
Requisition #:  
Client Supplied ID:  
Physician: TEST -TEST,  
Printed: 13-Mar-19 13:47:48

BCL6 fluorescent in situ hybridization (FISH) analysis is designed to detect 3q27 (BCL6) translocations regardless of rearrangement partners. Differentially labelled probes targeting the upstream (5') and downstream (3') flanking regions of the BCL6 gene were used (Abbott Molecular).

When 24 percent or more of the cells evaluated show an abnormal signal pattern, it is considered a positive result. Some signal patterns other than the classic abnormal pattern may also be present and may be considered abnormal.

BCL6 rearrangement is commonly found in a variety of lymphomas including diffuse large B-cell lymphomas (DLBCL), follicular lymphomas, and Non-Hodgkin's 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](http://aruplab.com/CS).

\* = Abnormal, # = Corrected, C = Critical, f = Footnote, H = High, L = Low, t = Interpretive Text, @ = Reference Lab

Patient Name: **ARUPTEST, IC8**

Chart ID: 13329659  
Page 3 of 3