



<u>Procedure</u>	<u>Result</u>	<u>Units</u>	<u>Ref Interval</u>	<u>Accession</u>	<u>Collected</u>	<u>Received</u>	<u>Reported/Verified</u>
IGH-MYC FISH Result	Positive f			18-347-900102	13-Dec-18 11:21:00	13-Dec-18 11:21:00	13-Dec-18 14:50:55
IGH-MYC FISH Reference Number	S18-123			18-347-900102	13-Dec-18 11:21:00	13-Dec-18 11:21:00	13-Dec-18 14:50:55
IGH-MYC FISH Source	Tissue			18-347-900102	13-Dec-18 11:21:00	13-Dec-18 11:21:00	13-Dec-18 14:50:55
Total Cell Count	200			18-347-900102	13-Dec-18 11:21:00	13-Dec-18 11:21:00	13-Dec-18 14:50:55
Scoring Method	Manual			18-347-900102	13-Dec-18 11:21:00	13-Dec-18 11:21:00	13-Dec-18 14:50:55

13-Dec-18 11:21:00 IGH-MYC FISH Result:

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

13-Dec-18 11:21:00 IGH-MYC FISH Result:

**METHODOLOGY AND TEST INFORMATION:**

IGH-MYC fluorescent 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 (Abbott Molecular).

Fused signals within a cell are considered abnormal signal patterns and are consistent with IGH-MYC fusion. If a sample contains single fused signals in 24 percent or more of the cells, or two or more fused signals in 11 percent or more of the cells evaluated, it is considered a positive result.

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.

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

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