ARUP Laboratories
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*****Example Report*****

Patient Age/Gender: Unknown Female
Printed: 26-Dec-18 13:50:48

Procedure	Result	Units	Ref Interval	Accession	Collected	Received	Reported/ Verified
MYC FISH Result	Negative f			18-360-900044	26-Dec-18 13:38:00	26-Dec-18 13:38:00	26-Dec-18 13:46:49
MYC FISH Reference Number	S18-123			18-360-900044	26-Dec-18 13:38:00	26-Dec-18 13:38:00	26-Dec-18 13:46:49
MYC FISH Source	Tissue			18-360-900044	26-Dec-18 13:38:00	26-Dec-18 13:38:00	26-Dec-18 13:46:49
Total Cell Count	150			18-360-900044	26-Dec-18 13:38:00	26-Dec-18 13:38:00	26-Dec-18 13:46:49
Scoring Method	Computer Assisted			18-360-900044	26-Dec-18 13:38:00	26-Dec-18 13:38:00	26-Dec-18 13:46:49

26-Dec-18 13:38:00 MYC FISH Result:

Controls were run and performed as expected.
This result has been reviewed and approved by Timothy Hanley, M.D., PhD.

26-Dec-18 13:38:00 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.

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