



<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>
CCND1 FISH Result	Negative f			18-360-900048	26-Dec-18 13:40:00	26-Dec-18 13:40:00	26-Dec-18 13:48:38
CCND1 FISH Reference Number	S18-123			18-360-900048	26-Dec-18 13:40:00	26-Dec-18 13:40:00	26-Dec-18 13:48:38
CCND1 FISH Source	Tissue			18-360-900048	26-Dec-18 13:40:00	26-Dec-18 13:40:00	26-Dec-18 13:48:38
Total Cell Count	100			18-360-900048	26-Dec-18 13:40:00	26-Dec-18 13:40:00	26-Dec-18 13:48:38
Scoring Method	Manual			18-360-900048	26-Dec-18 13:40:00	26-Dec-18 13:40:00	26-Dec-18 13:48:38

26-Dec-18 13:40:00 CCND1 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 13:40:00 CCND1 FISH Result:
 METHODOLOGY AND TEST INFORMATION:

IGH-CCND1 fluorescent in situ hybridization (FISH) analysis is designed to detect the IGH-CCND1 fusion associated with t(11;14)(q13;q32). Differentially labelled fluorescent probes directed against IGH and CCND1 were used (Abbott Molecular).

Fused signals within a cell are considered abnormal signal patterns and are consistent with IGH-CCND1 fusion. If a sample contains single fused signals seen in 17 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-CCND1 fusion is primarily found in mantle cell lymphoma, but this fusion is also found in other B-cell lymphoproliferative disorders including plasma cell neoplasms. 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.

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

Controls performed appropriately.

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