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Jonathan R. Genzen, MD, PhD, Chief Medical Officer

PATIENT REPORT

Patient Age/Sex: 59 years Female

Specimen Collected: 5/16/2025 11:17 MDT

11Q Aberrations by Fish **|Received: 5/16/2025 11:17 MDT** **Report/Verified: 5/16/2025 12:27 MDT**

Procedure	Result	Units	Reference Interval
Scoring Method	Computer Assisted		
11Q FISH Reference Number	ABC 123		
11Q FISH Source	Tissue		
11Q FISH Result	11q Normal [f1] [i1]		
MLL Percent Gain	0	%	
MLL Total Cell Count	100		
FLI1 Percent Loss	0	%	
FLI1 Total Cell Count	100		
Doctor Review,11Q FISH	Agarwal, A		

Result Footnote

f1: 11Q FISH Result

11Q aberration was NOT detected.

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

Test Information

i1: 11Q FISH Result

INTERPRETIVE INFORMATION: 11Q Aberrations by FISH

Fluorescence in situ hybridization (FISH) analysis was performed on sections from a paraffin embedded tissue block using differentially labeled fluorescent probes targeting the 11q23.3 (MLL), 11q24.3 (FLI1), and a chromosome 11 centromeric control region (Agilent Technologies). Cells were evaluated from regions of tumor identified on histopathologic review of a matching hematoxylin and eosin-stained section. Controls performed appropriately.

This test is designed to detect gain of the 11q23.3 (MLL) region and loss of the 11q24.3 (FLI1) region. An abnormal signal pattern seen in 25 percent or more of the evaluated tumor cells is considered a positive result. Based on the assay performance during test validation, the test is expected to detect 95 percent of 11q aberrations in patients with High-Grade B-Cell Lymphoma with 11q aberrations, except for rare instances of complex genomic changes or copy-number neutral losses of heterozygosity. Assay range and limit of detection were generated using normal and known positive cases respectively.

Identification of 11q aberrations is useful in the diagnosis of High-Grade B-Cell Lymphoma with 11q aberrations (HGBL-11q).

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

*=Abnormal, #=Corrected, C=Critical, f=Result Footnote, H-High, i-Test Information, L-Low, t-Interpretive Text, @=Performing lab

Test Information

i1: 11Q FISH Result
Administration. This test was performed in a CLIA certified laboratory and is intended for clinical purposes.

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