ARUP LABORATORIES
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Client: Example Client ABC123
123 Test Drive
Salt Lake City, UT 84108
UNITED STATES

Physician: Doctor, Example

Patient: Patient, Example

DOB	4/4/2009
Gender:	Female
Patient Identifiers:	01234567890ABCD, 012345
Visit Number (FIN):	01234567890ABCD
Collection Date:	00/00/0000 00:00

CIC (19q13.2) Gene Rearrangement by FISH

ARUP test code 3005916

CIC FISH Result	Positive This result has been reviewed and approved by [redacted] Controls performed as expected. INTERPRETIVE INFORMATION: CIC (19q13), FISH Fluorescence in situ hybridization (FISH) analysis was performed on a section from a paraffin-embedded tissue block using differentially labeled fluorescent probes targeting the upstream (5') and downstream (3') flanking regions of the CIC gene (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 rearrangements involving the CIC gene, but it does not identify a specific partner gene. An abnormal signal pattern seen in 25 percent or more of the tumor cells evaluated is considered a positive result. Based on the assay performance during test validation, the test is expected to detect 100 percent of CIC rearrangements in patients with CIC-rearranged sarcoma, except for rare instances of cryptic rearrangements. Assay range and limit of detection were generated using normal and known positive cases respectively. Identification of a rearrangement of the CIC gene locus is useful for the diagnosis of CIC-rearranged sarcoma. CIC rearrangements have also been reported in certain other tumors, including angiosarcoma and central nervous system tumors. Correlation with histopathologic and clinical findings is, therefore, essential for complete interpretation of this study. This test was developed and its performance characteristics determined by ARUP Laboratories. It has not been cleared or approved by the U.S. Food and Drug Administration. This test was performed in a CLIA-certified laboratory and is intended for clinical purposes.
Total Cell Count	50
Scoring Method	Manual
CIC FISH Reference Number	S23-1921 A7

H=High, L=Low, *=Abnormal, C=Critical

CIC FISH Source	Neck

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
CIC FISH Result	23-244-400511	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Total Cell Count	23-244-400511	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Scoring Method	23-244-400511	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
CIC FISH Reference Number	23-244-400511	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
CIC FISH Source	23-244-400511	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00

END OF CHART

H=High, L=Low, *=Abnormal, C=Critical