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

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

Physician: Doctor, Example

Patient: Patient, Example

DOB	8/29/1945
Gender:	Female
Patient Identifiers:	01234567890ABCD, 012345
Visit Number (FIN):	01234567890ABCD
Collection Date:	00/00/0000 00:00

FGFR1 Gene Amplification by FISH

ARUP test code 3004075

FGFR1/CEP8 FISH Ratio	1.0
Average FGFR1 Signal Number per Cell	2.7
Average CEP8 Signal Number per Cell	2.7
FGFR1 FISH Result	Not Amplified Controls were run and performed as expected. This result has been reviewed and approved by [redacted] INTERPRETIVE INFORMATION: FGFR1 Gene Amplification by FISH Fluorescence in situ hybridization (FISH) analysis for FGFR1 gene amplification was performed on a section from a paraffin embedded tissue block using differentially labeled fluorescent probes targeting the FGFR1 gene and the chromosome 8 centromere (CEP 8) (ZytoVision). Cells were evaluated from regions of tumor identified on histopathologic review of a matching hematoxylin and eosin stained section. Controls performed appropriately. Based on the preclinical validation of this assay, FGFR1 gene amplification is defined as either a FGFR1/CEP8 ratio of 2.0 or greater, or an average FGFR1 signal number per cell of 6.0 or greater. FGFR1 gene amplification is observed in a variety of tumor types. FGFR1 amplification status may be useful as a prognostic marker or to predict tumor response to targeted therapy. 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 Administration. This test was performed in a CLIA certified laboratory and is intended for clinical purposes.
FGFR1 CELLCOUNT	40
Scoring Method	Manual

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

FGFR1 FISH Reference Number	SM24-21754 A2
FGFR1 FISH Source	R Liver

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
FGFR1/CEP8 FISH Ratio	25-121-119906	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Average FGFR1 Signal Number per Cell	25-121-119906	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Average CEP8 Signal Number per Cell	25-121-119906	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
FGFR1 FISH Result	25-121-119906	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
FGFR1 CELLCOUNT	25-121-119906	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Scoring Method	25-121-119906	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
FGFR1 FISH Reference Number	25-121-119906	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
FGFR1 FISH Source	25-121-119906	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