ARUP LABORATORIES | A nonprofit enterprise of the University of Utah and its Department of Pathology

Effective Date: November 13, 2023

TEST CHANGE

Pancreatobiliary FISH

2002528, PF REQUEST

Specimen Requirements:	
Patient Preparation:	
Collect:	Bile or pancreatic duct brushings, biliary stent, or fine needle aspirates of the pancreas in UroCyte~~UroVysion FISH~~ Collection Kit (ARUP Supply #41440) available online through eSupply using ARUP Connect(TM) or contact Client Services at (800) 522-2787. For specific instructions refer to Specimen Collection & Handling.
Specimen Preparation:	Place specimen in Cytolyt or PreservCyt fixative vial. If the specimen is a brushing, submit the brush in the fixative. Specimen should be placed in fixative vial immediately after collection.
Transport Temperature:	Ambient or Refrigerated.
Unacceptable Conditions:	Frozen specimens. Unfixed specimens not collected in Cytolyt or PreservCyt fixative. Specimens submitted in expired collection vials.
Remarks:	Specimen source is required.
Stability:	Ambient: 1 week from collection; Refrigerated: 1 week from collection; Frozen: Unacceptable
Methodology:	Fluorescence in situ Hybridization (FISH)/Computer Assisted Analysis/Microscopy
Performed:	Mon-Fri
Reported:	4-12 days
Note:	~~The UroVysion Kit (ARUP Supply #41440) is designed to detect aneuploidy for chromosomes 3, 7 and 17via fluorescence in situ hybridization (FISH).~~ Results of this test must be interpreted in conjunction with clinical evidence and other laboratory testing and should not be used alone,as a diagnosis of pancreatobiliary carcinoma. A positive fluorescence in situ hybridization (FISH) result does not identify location or type of malignancy. FISH abnormalities may be associated with high-grade dysplasia or carcinoma in situ. Cytology and biopsy may help clarify such

situations.

CPT Codes:	88366
New York DOH Approval Status:	Specimens from New York clients will be sent out to a New York DOH approved laboratory, if possible.

Interpretive Data:

Refer to Report.

Reference Interval:

Negative: No evidence of numeric chromosomal aberrations associated with pancreatobiliary carcinoma identified.	~~Positive~~	~~(>=)5 cells with gains of two or more chromosomes are present~~
Positive: Numeric chromosomal aberrations associated with pancreatobiliary carcinoma identified.	~~Equivocal Tetrasomy~~	~~Cells present with tetrasomic or near tetrasomic signal patterns~~
	~~Equivocal Trisomy~~	~~(>=)10 cells with gains of a single chromosome, (Trisomy 7 or Trisomy 3)~~
	~~Negative~~	~~< 5 abnormal cells are present~~

Deleted Cells