

Actionable Results To Help You Achieve A Definitive Diagnosis

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John Smith

Patient & Order Information

DOB: 04/07/1970

Specimen ID: X19-1234

Order ID: ORD-12345

Gender: Male

Date of Collection: 01/01/2022

Date Received: 02/02/2022

Microdissection: Laser

Biopsy Site: Liver

Date Reported: 02/02/2022

CancerTYPE ID®

MOLECULAR DIAGNOSIS

MAIN CANCER TYPE:

Pancreaticobiliary

PROBABILITY:

90%

SUBTYPE:

Gallbladder adenocarcinoma

PROBABILITY:

89%

Subtypes with relative probabilities <5%:

Pancreatic adenocarcinoma

Cholangiocarcinoma

CANNOT BE EXCLUDED

Intestine 8%

Colorectal Adenocarcinoma

Small Intestine Adenocarcinoma

Gastroesophageal adenocarcinoma 7%

ADDITIONAL COMMENTS

CANCER TYPES RULED OUT WITH 95% CONFIDENCE

Adrenal

Adrenocortical carcinoma

Pheochromocytoma

Brain

Breast adenocarcinoma

Cervix adenocarcinoma

Endometrial adenocarcinoma

Gastrointestinal stromal tumor (GIST)

Germ Cell

Nonseminoma

Seminoma

Head & Neck salivary gland carcinoma

Kidney

Chromophobe renal cell carcinoma

Clear cell renal cell carcinoma

Papillary renal cell carcinoma

Liver hepatocellular carcinoma

Lung adenocarcinoma

Lymphoma

Melanoma

Meningioma

Mesothelioma

Neuroendocrine

Small/large cell lung carcinoma

Pancreatic

Merkel cell carcinoma

GI carcinoid

Lung carcinoid

Ovary

Clear cell adenocarcinoma

Endometrioid adenocarcinoma

Mucinous adenocarcinoma

Serous adenocarcinoma

Prostate adenocarcinoma

Sarcoma

Undifferentiated Sarcoma (MFH)

Primitive neuroectodermal (PNET)

Leiomyosarcoma

Liposarcoma

Osteosarcoma

Synovial sarcoma

Sex cord stromal tumor

Skin basal cell carcinoma

Squamous cell carcinoma

Cervix

Head&Neck / Skin

Lung

Thymus

Thyroid

Follicular/papillary carcinoma

Medullary carcinoma

Urinary Bladder

Ordering Provider

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Submitting Pathologist

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Page 1 of 2

CTX-295

Order at cancertypeid.com

1 MOLECULAR DIAGNOSIS

The tumor type with the highest probability is reported as the molecular diagnosis. The probability is based on the match of the gene expression pattern of the patient's tumor to that of a known tumor type and subtype within the CancerTYPE ID reference database of over 2,000 tumors. If the highest probability is <70%, the tumor is reported as indeterminate; in this case, the test report will still indicate tumor types that can be ruled out and those that cannot be excluded.

2 CANNOT BE EXCLUDED

When applicable, tumor types from the CancerTYPE ID reference database that show some gene expression profile similarity to the patient's sample such that they cannot be excluded from diagnostic consideration will be listed here in relative rank order.

3 RULE OUTS

The CancerTYPE ID test report also lists tumor types that can all be ruled-out with 95% confidence. In an independent validation of 790 blinded samples, the rule-outs were 95% accurate.¹ This may provide useful differential diagnostic information when two or more potential tumor types are suspected and one or more tumors may be indicated in the rule outs.

For CancerTYPE ID Intended Use and Limitations visit cancertypeid.com

References: 1. Kerr et al. Clin Cancer Res. 2012; 18(14): 3952-3960

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CANCERTYPE ID®
BIOTHERANOSTICS, INC. A HOLOGIC COMPANY

CancerTYPE ID is Designed to help Resolve Unclear Diagnoses by Differentiating between 50 Tumor Types and Subtypes

Adrenal

Adrenocortical carcinoma
Adrenal pheochromocytoma

Brain

Breast Adenocarcinoma

Cervix Adenocarcinoma

Endometrial Adenocarcinoma

Gastrointestinal Stromal Tumor (GIST)

Gastroesophageal Adenocarcinoma

Germ Cell

Nonseminoma
Seminoma

Head & Neck Salivary Gland Carcinoma

Intestine

Colorectal adenocarcinoma
Small intestine adenocarcinoma

Kidney

Clear cell renal cell carcinoma
Chromophobe renal cell carcinoma
Papillary renal cell carcinoma

Liver Hepatocellular Carcinoma

Lung Adenocarcinoma

Lymphoma

Melanoma

Meningioma

Mesothelioma

Neuroendocrine

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GI carcinoid
Lung carcinoid

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Mucinous adenocarcinoma
Serosus adenocarcinoma

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Osteosarcoma
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Skin Basal Cell Carcinoma

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Head & Neck / Skin
Lung

Thymus

Thyroid

Follicular/papillary carcinoma
Medullary carcinoma

Urinary Bladder

