

Actionable Results To Help You Achieve A Definitive Diagnosis

John Smith

Patient & Order Information
 DOB: 04/07/1970 Specimen ID: X19-1234
 Gender: Male Date of Collection: 01/01/2022
 Microdissection: Laser Biopsy Site: Liver

CancerTYPE ID®

Order ID: ORD-12345
 Date Received: 02/02/2022
 Date Reported: 02/02/2022

MOLECULAR DIAGNOSIS

1

MAIN CANCER TYPE:
Pancreaticobiliary

PROBABILITY:
90%

SUBTYPE:
Gallbladder adenocarcinoma

PROBABILITY:
89%

Subtypes with relative probabilities <5%:
 Pancreatic adenocarcinoma
 Cholangiocarcinoma

CANNOT BE EXCLUDED

2

Intestine 8%
 Colorectal Adenocarcinoma
 Small Intestine Adenocarcinoma

Gastroesophageal adenocarcinoma 7%

ADDITIONAL COMMENTS

CANCER TYPES RULED OUT WITH 95% CONFIDENCE

<p>Adrenal Adrenocortical carcinoma Pheochromocytoma</p> <p>Brain Breast adenocarcinoma Cervix adenocarcinoma Endometrial adenocarcinoma Gastrointestinal stromal tumor (GIST) Germ Cell Nonseminoma Seminoma</p>	<p>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</p>	<p>Neuroendocrine Small/large cell lung carcinoma Pancreatic Merkel cell carcinoma GI carcinoid Lung carcinoid Ovary Clear cell adenocarcinoma Endometrioid adenocarcinoma Mucinous adenocarcinoma Serous adenocarcinoma</p>	<p>Prostate adenocarcinoma Sarcoma Undifferentiated Sarcoma (MFH) Primitive neuroectodermal (PNET) Leiomyosarcoma Liposarcoma Osteosarcoma Synovial sarcoma Sex cord stromal tumor Skin basal cell carcinoma</p>	<p>Squamous cell carcinoma Cervix Head&Neck / Skin Lung Thymus Thyroid Follicular/papillary carcinoma Medullary carcinoma Urinary Bladder</p>
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 Fax: 100.200.3000

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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®
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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

Neuroendocrine

Small/large cell lung carcinoma
Pancreatic
Merkel cell carcinoma
GI carcinoid
Lung carcinoid

Ovary

Clear cell adenocarcinoma
Endometrioid adenocarcinoma
Mucinous adenocarcinoma
Serous adenocarcinoma

Pancreaticobiliary

Cholangiocarcinoma
Gallbladder adenocarcinoma
Pancreatic adenocarcinoma

Prostate Adenocarcinoma

Sarcoma

Undifferentiated Sarcoma (MFH)
Primitive neuroectodermal tumor (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

