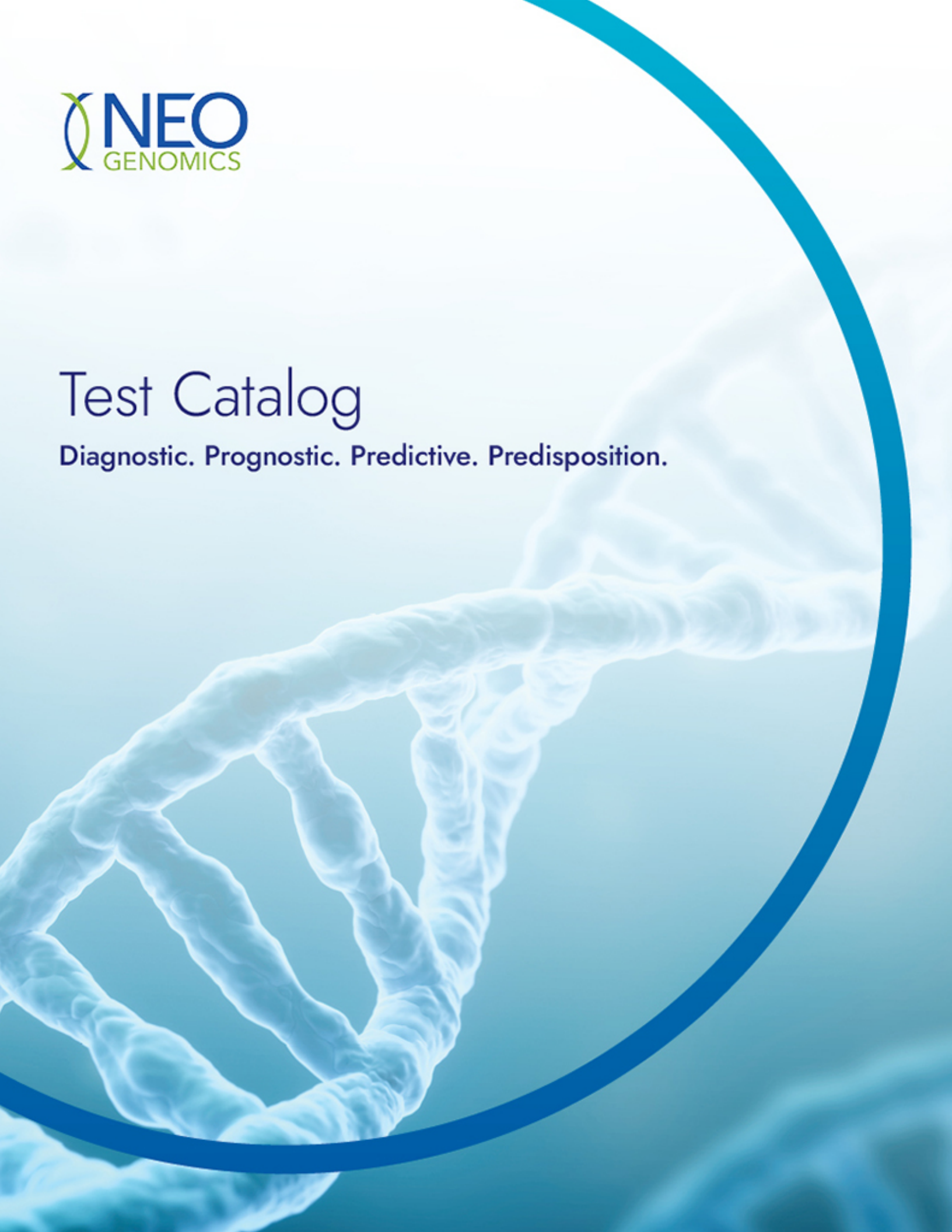
NEO GENOMICS

Test Catalog

Diagnostic. Prognostic. Predictive. Predisposition.



FGFR2 Rearrangement

Methodology
FISH

Test Description
Probes: FGFR2 (10q26.13)
Disease(s): Cholangiocarcinoma (bile duct cancer) and various solid tumors

Clinical Significance
FGFR2 fusions are under active clinical study in a range of solid tumors, with targeted therapy already available to certain cholangiocarcinoma patients. FGFR2 fusions occur at highest frequency in intrahepatic cholangiocarcinoma (iCCA), observed in 10-16% of patients. This lab-developed test uses a break-apart FISH probe to detect the presence of FGFR2 fusions (translocations). Fusion partners of FGFR2 are not specifically identified.

Specimen Requirements
- **Bone marrow aspirate:** N/A
- **Peripheral blood:** N/A
- **Fresh, unfixed tissue:** N/A.
- **Fluids:** N/A
- **Paraffin block:** Send paraffin block. Also send circled H&E slide for tech-only (required).
- **Cut slides:** H&E slide (required) plus 4 unstained slides cut at 4-5 microns. Circle H&E slide for tech-only.

Storage & Transportation
Use cold pack for transport. Make sure cold pack is not in direct contact with specimen.

CPT Code(s)*
88374x1 automated or 88377x1 manual

New York Approved
Yes

Level of Service
Technical, Global

Turnaround Time
3-5 days

References

1. Newsroom page, published April 20, 2020. Am J Managed Care website. https://www.ajmc.com/newsroom/-fda-approves-orphan-drug-pemigatinib-for-rare-bile-duct-cancer-cholangiocarcinoma. Accessed June 20, 2020

*The CPT codes provided with our test descriptions are based on AMA guidelines and are for informational purposes only. Correct CPT coding is the sole responsibility of the billing party.

Please direct any questions regarding coding to the payor being billed.

NeoGenomics Laboratories is a specialized oncology reference laboratory providing the latest technologies, testing partnership opportunities, and interactive education to the oncology and pathology communities. We offer the complete spectrum of diagnostic services in molecular testing, FISH, cytogenetics, flow cytometry, and immunohistochemistry through our nation-wide network of CAP-accredited, CLIA-certified laboratories.

Committed to research as the means to improve patient care, we provide Pharma Services for pharmaceutical companies, in vitro diagnostic manufacturers, and academic scientist-clinicians. We promote joint publications with our client physicians. NeoGenomics welcomes your inquiries for collaborations. Please contact us for more information.

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