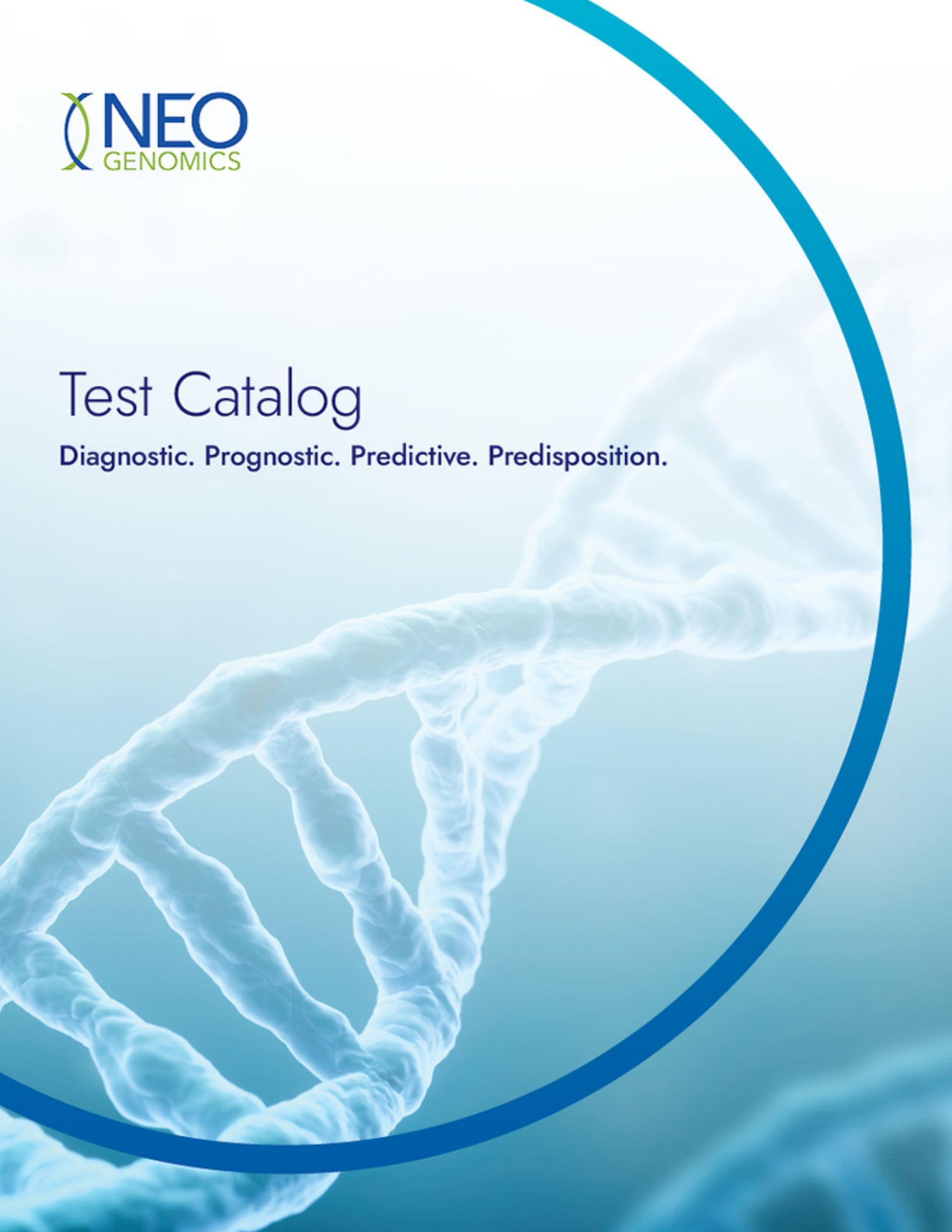
NEO GENOMICS

Test Catalog

Diagnostic. Prognostic. Predictive. Predisposition.



PIK3CA LDT Mutation Analysis by Sequencing

Alternative Name
PI3K Mutation Analysis

Methodology
Molecular

Test Description
Bi-directional sequencing of PIK3CA exons 1, 9, and 20 which are the most commonly-mutated regions of the gene.

Clinical Significance
The PIK3CA gene encodes the p110 alpha catalytic subunit of PI3K enzymes. Mutations occur in a wide variety of tumors and may have prognostic and therapeutic significance, depending on tumor type. Numerous PI3K-pathway inhibitors are in development.

Specimen Requirements
- **FFPE solid tumor tissue:** Paraffin block is preferred. Alternatively, send 1 H&E slide plus 5-10 unstained slides cut at 5 or more microns. Please use positively-charged slides and 10% NBF fixative. Do not use zinc fixatives.

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

CPT Code(s)*
Prior to 12/31/2019 CPT Code 81404; as of 01/01/2020 CPT Code 81309

New York Approved
No

Level of Service
Global

Turnaround Time
10 days

*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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