



# Test Catalog

Diagnostic. Prognostic. Predictive. Predisposition.



## NTRK3 FISH

### Methodology

FISH

### Test Description

**Probes:** NTRK3 (15q25.3)

**Disease(s):** Various solid tumor cancers with high incidence in IFS, MASC, SBC, CMN

### Clinical Significance

NTRK3 FISH is useful in confirming diagnoses and/or screening for TRK inhibitor options in infantile (congenital) fibrosarcoma (IFS), mammary analogue secretory carcinoma (MASC), secretory breast carcinoma (SBC), and congenital mesoblastic nephroma (CMN). FISH panel testing for NTRK1, 2, and 3 rearrangements (coming soon) is recommended for pediatric glioma, papillary thyroid carcinoma (PTC) and other tumors. The NTRK3 gene encodes Trk-C protein.

### 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, making sure cold pack is not in direct contact with specimen.

### CPT Code(s)\*

88377x1 manual or 88374x1 automated

### New York Approved

Yes

### Level of Service

Global, Technical

### Turnaround Time

3-5 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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