



# Test Catalog

Diagnostic. Prognostic. Predictive. Predisposition.





# ROS1

## Methodology

FISH

## Test Description

**Probes:** ROS1 (6q22.1)

**Disease(s):** Non-small cell lung carcinoma (NSCLC)

## Clinical Significance

ROS1 gene rearrangements are found in 1-2% of non-small cell lung carcinoma (NSCLC). Pre-clinical and early clinical evidence suggests ROS1-rearranged tumors may be sensitive to the dual ALK/MET inhibitor crizotinib.

## Specimen Requirements

- **Paraffin Block:** H&E slide (required) plus paraffin block. Circle H&E for tech-only.
- **Cut Slides:** H&E slide (required) plus 2 unstained slides cut at 4 microns. Circle H&E 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.

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Rev. 050324