



Test Catalog

Diagnostic. Prognostic. Predictive. Predisposition.



Ploidy FISH for Molar Pregnancy

Alternative Name

CEN1/CEN11

Methodology

FISH

Test Description

Probes: Centromere 1 (1p11.1-q11.1) | Centromere 11 (11q12)

Disease(s): Complete molar pregnancy vs. partial mole

This test is available on a global basis only.

Clinical Significance

Ploidy FISH for Molar Pregnancy analyzes copy number of the chromosome 1 centromere and chromosome 11 centromere to assess triploidy (associated with partial molar pregnancy) vs. diploidy (associated with complete molar pregnancy when pathology is consistent). This is an indirect analysis of products of conception (POC) ploidy based on the assumption that trisomy 1 along with trisomy 11 indicates triploidy. An isolated trisomy 1 is an extremely rare event and trisomy 11 is an almost negligible incidence; therefore the presence of a combination of the two in the absence of triploidy is expected to be a nearly non-existent event.

Specimen Requirements

- **Bone Marrow Aspirate:** N/A
- **Peripheral Blood:** N/A
- **Fresh, Unfixed Tissue:** N/A
- **Paraffin Block:** H&E slide (required) plus paraffin block.
- **Cut Slides:** H&E slide (required) plus 4 unstained slides cut at 4-5 microns.
- **Note:** Specimen must contain villi and/or fetal tissue.

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

Turnaround Time

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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9490 NeoGenomics Way
Fort Myers, FL 33912
Phone: 239.768.0600/ Fax: 239.690.4237
neogenomics.com

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