



Test Catalog

Diagnostic. Prognostic. Predictive. Predisposition.



Congo Red

Methodology

Immunohistochemistry (IHC)

Test Description

Special stain. Amyloidosis is a rare disease characterized by the deposition of insoluble misfolded proteins in various tissues and organs. Congo red stain is the gold standard for the demonstration of amyloid in tissue sections. The amyloid fibril Congo red complex demonstrates “apple green” birefringence using polarized light microscopy. For cases with positive Congo red staining, immunohistochemical stains for amyloid A, amyloid P and immunoglobulin light chains are available for further evaluation of the amyloid subtype, if clinically indicated.

Specimen Requirements

- A formalin-fixed, paraffin-embedded (FFPE) tissue block is preferred specimen type
or
- One (1) unbaked, unstained slide cut at 4-5 microns for H&E staining (required) and two to three (2-3) positively charged unstained slides cut at 10 microns
- Block and slide identifiers should be clearly written and match exactly with the specimen ID and specimen labeling as noted on the requisition.
- **NOTE:** Clients should perform manual evaluation of the glass slide with polarized light for complete evaluation. Scanning at NeoGenomics is done with routine light microscopy.

Storage & Transportation

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

CPT Code(s)*

88313 x1

New York Approved

Yes

Level of Service

Stain Only

Turnaround Time

24 hours

*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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