Methodology Change:
Plasminogen Activator Inhibitor-1 4G/5G Polymorphism Detection

Overview
April, 2009

PathGroup Labs is announcing a change to the methodology for the Plasminogen Activator Inhibitor-1 (PAI-1) 4G/5G Polymorphism Detection Assay. This assay will be performed using Universal Invader Technology from Hologic, Inc. Briefly, this technology involves a PCR amplification of the PAI-1 gene, followed by allele-specific hybridization and enzymatic digestion. Each allele is detected using a specific fluorescent tag after the digestion.

This change should be transparent to our clients. There are no changes to the test code, the specimen requirements, the clinical utility, the normal reference range or the turn around time.

Methodology: Universal Invader Technology (Hologic, Inc.)

Test Codes: PAI

CPT Codes: 83891, 83892(x2), 83896(x4), 83898, 83903, 83908, 83912

Specimen Requirements: 3-5 ml EDTA whole blood (lavender-top tube).

Shipping and Handling: Store and transport at room temperature. If delayed more than 72 hours, store and transport refrigerated. Do not freeze specimen.

Reference Ranges: The normal reference range is 5G/5G genotype.

Turnaround Time: 4-6 days
References:


