



The Pathology Laboratory (APMC)

830 Bayou Pines West

Lake Charles, LA 70601

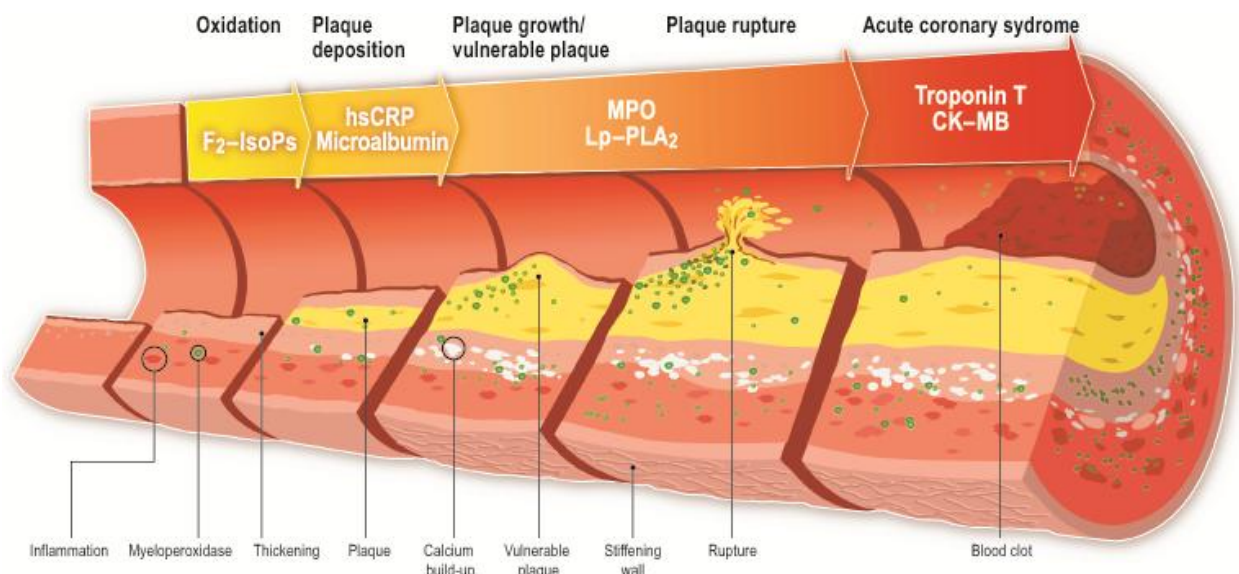
(337) 436-9557 Fax (337) 439-3085

www.thepathlab.com

UNDERSTAND THE PROGRESSION OF ATHEROSCLEROSIS IN PATIENTS WITH THE “INFLAMMATION PANEL”

The Pathology Laboratory now offers a panel of inflammatory biomarkers to help practitioners determine a patient’s risk for heart disease and cardiac events. The INFLAMMATION PANEL consists of five biomarkers including:

- **F2-Isoprostanes**- general marker of oxidative stress formed from the peroxidation of essential fatty acids; elevated levels may indicate long-term risk for heart disease (goal <0.86 ng/mg)
- **hs-CRP**- serum protein released by the liver that can be used as an indirect measure of atherosclerotic burden; elevated levels are associated with increased risk for CVD and stroke (goal <1.0 mg/L)
- **Microalbumin Creatinine Ratio**- assess endothelial integrity by measuring the kidney’s ability to filter albumin from the urine; elevated levels can identify a systemic endothelial dysfunction (goal < 30 mg/g)
- **Lp-PLA2 (PLAC Test)** – vascular-specific inflammatory enzyme that measures the amount of vulnerable plaque due to the accumulation of bad cholesterol; elevated levels signify increased risk for heart attack and stroke (goal < 200 ng/mL)
- **Myeloperoxidase (MPO)** – white blood cell-derived inflammatory enzyme that identifies the presence of vulnerable plaque, or plaque prone to rupture; elevated levels predict increased risk for heart attack and/or death (goal < 480 pmol/L)



“Providing High Quality Pathology Services, With Superior Customer Satisfaction”

When is the “Inflammation Panel” ordered?

It is recommended that the “inflammation panel” be ordered in conjunction with a lipid panel. Since 50% of all cardiovascular events strike patients with “normal” lipids, the “inflammation panel” will provide more color into a patient’s true risk for heart attack, stroke, or even death.

How do I order the “Inflammation Panel” from The Pathology Laboratory?

Simply write “Inflammation Panel” on The Pathology Laboratory requisitions. This panel can be done NON-FASTING and all Path Lab draw sites can draw the required specimens. If samples are collected at your office and sent to The Pathology Lab, the following specimens are required:

- 1) Random Urine Sample (please refrigerate); label with patient’s name and birthday
- 2) Transport Tube with ONLY plasma (draw lavender tube with whole blood, centrifuge, and aliquot plasma into a transport tube; discard lavender tube/blood); label with patient’s name and birthday

How much will the “Inflammation Panel” cost the patient?

Patients with Medicare (parts A&B) and Tricare will not receive a bill. Patients with private insurances may receive a bill for up to \$34. Patients with Medicaid, no insurance, wishing to pay cash, or who have an insurance plan only pays for labs run by a certain laboratory may receive a bill up to \$189.

What is the turn-around time for the “Inflammation Panel”?

Practitioners can expect the results to be reported in 5-6 business days.