The New York State Department of Health has approved Enzo’s new PLAQPRO™ Lp-PLA₂ Assay. This clinical cardiac marker is a strong addition to Enzo’s cardiac tests, including our comprehensive lipid panel, direct LDL, hsCRP and Troponin.

Lipoprotein-associated phospholipase A2 (Lp-PLA₂) is produced by inflammatory cells and circulates primarily bound to low-density lipoprotein (LDL) and is to a lesser extent associated with high-density lipoprotein (HDL) in human plasma. LDL oxidization is an early key event in the pathogenesis of atherosclerosis. Elevated Lp-PLA₂ levels have been found in atherosclerotic plaques and rupture lesions. Unlike systemic inflammation biomarkers, such as high-sensitivity CRP or serum amyloid A (SAA), Lp-PLA₂ is a specific biomarker for vascular inflammation and can serve as an independent risk marker for cardiovascular disease (CVD).

Heart disease is a leading cause of death in both men and women¹. Often, a woman will have no symptoms of heart disease, yet, it is directly responsible for 25% of female deaths in the US².

| AT RISK | LOW RISK |
| ≥ 225 nmol/min/mL | < 225 nmol/min/mL |

High risk for heart attack or stroke attributable to Lp-PLA₂ | Low risk for heart attack or stroke attributable to Lp-PLA₂

The above information should only be used as a guideline.

**Clinical Utility**

Elevated Lp-PLA₂ levels have been found to be predictive of future coronary events:

- It is a specific biomarker for vascular inflammation
- Lp-PLA₂ can serve as an independent risk marker for cardiovascular disease
- Test results can be used alongside clinical evaluation to help identify patients at risk for coronary heart disease and stroke

**How Can We Help?**

1.800.522.5052 • salesinfo@enzo.com

*Founded on Technology | Sustained by Service*

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**References:**

Your Partner in Patient Care
Founded on Technology. Sustained by Service.

Personalized Customer Service
Our committed service team is ready to handle your practice’s needs. We provide on-site experts including pathology opinion leaders. Our dedicated support staff is on-call 24/7 to help you when you need us most. Connect with us today!

State-of-the-Art Technology
Enzo continuously invests in state-of-the-art analysis systems to improve healthcare. Our cutting-edge diagnostic platforms provide the highest level of efficiency and accuracy in the market.

EMR Integration
Enzo works with EMR providers to make ordering and resulting as easy as possible. We also developed an on-site proprietary interface engine which enables a quick turnaround of all lab interfaces. On-site field service technology experts provide support you can count on. Contact your local representative for more information.

Simple Billing
Our focus is on patient care, quality patient service, and laboratory testing. We designed tools and resources to make patient responsibility transparent.

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