



Save More Lives

Help predict risk for heart attack and stroke through a simple blood test

The PLAC Test for Lp-PLA₂

The only blood test that helps identify hidden risk for heart attack and stroke. Early detection and more aggressive treatment can help prevent these cardiovascular events.

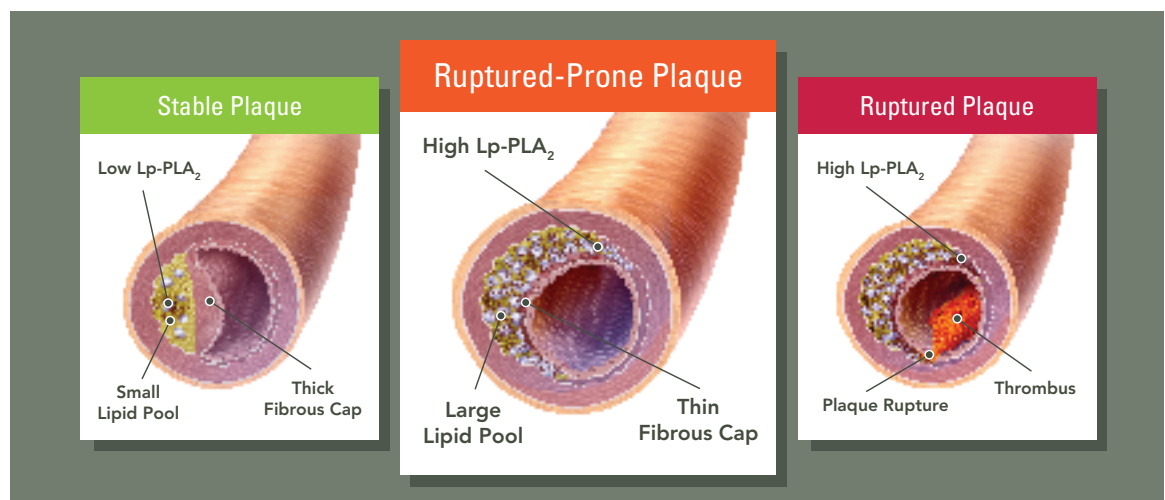
What is traditional cholesterol testing not telling you?

- ♥ 50% of all cardiovascular events strike in patients with normal lipid levels.
- ♥ 75% of heart attacks and most strokes are caused by plaque rupture and thrombosis – not stenosis.
- ♥ Assessing traditional risk factors is not sufficient to predict cardiovascular disease (CVD) events.

Lp-PLA₂ – a vascular-specific inflammatory marker to assess rupture-prone plaque.

Who Should Be Tested?

- ♥ Family history of heart attack or stroke
- ♥ Being overweight (more than 20 lbs)
- ♥ Smoking
- ♥ Age (men >45 years, women >55 years)
- ♥ Borderline or high cholesterol or low HDL
- ♥ High blood pressure
- ♥ Diabetes
- ♥ Metabolic syndrome



High Lp-PLA₂ levels within the artery wall correspond with high risk plaque that is more likely to rupture (or has ruptured). However, low levels of Lp-PLA₂ within the artery wall indicate that the plaque is stable and is less likely to rupture.

Treatment Algorithm

Essential Information to Guide Treatment

Elevated Lp-PLA₂ result (>200 ng/mL) is an important risk marker for heart disease and stroke, and may indicate a need for more aggressive therapy, including treatment to lower LDL-C goals.

Lower Lp-PLA₂ result (<= 200 ng/mL) offers assurance that your patient is in a lower risk category and/or is responding to therapy. Nearly 95% of people with risk factors for heart attack or stroke, who had an Lp-PLA₂ test result lower than 200 ng/mL, did not have a heart attack or stroke within 4 years.

The only blood test to predict risk for stroke

LDL is not a reliable predictor of stroke, so the Lp-PLA₂ test offers valuable information (in addition to elevated blood pressure) that you can act on to mitigate stroke risk in your patients.

The PLAC Test for Lp-PLA₂

A simple blood test that can help you save lives. Now there is a way to predict risk for heart attack and stroke – so you and your patients can take action before it's too late.

New CVD and Stroke Guidelines Support Use of Lp-PLA₂ Testing

The ACCF/AHA 2010 Guideline for Assessment of Cardiovascular Risk in Asymptomatic Adults recommends Lp-PLA₂ testing as an adjunct to traditional risk factor assessment for intermediate-risk, asymptomatic adults.

The AHA/ASA 2011 Guidelines for the Primary Prevention of Stroke recommend testing of inflammatory markers such as Lp-PLA₂ and hs-CRP in patients without CVD to identify patients who may be at increased risk of stroke.



The PLAC Test is readily available through national and regional labs; fasting is not required. Contact diaDexus at 1.877.752.2837 for the nearest laboratory.



Reimbursement: The PLAC Test is reimbursed by Medicare at \$47.77, and by a growing number of private payers. Some patients, whose insurance companies do not yet cover the PLAC Test, may be required to pay out of pocket – a small investment in their future health.

Contact diaDexus toll-free at **1.877.752.2837** or your laboratory representative to request further information.

* See www.plactest.com/cms for state-by-state fee schedule.

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