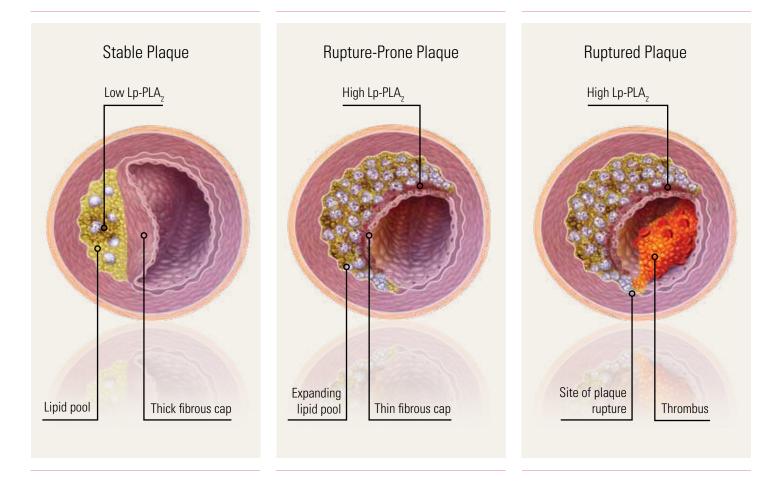


The PLAC[®] Test clearly identifies active cardiovascular inflammatory disease

The PLAC[®] Test is the only blood test that measures $Lp-PLA_2$ —a vascular-specific inflammatory marker critical in the formation of rupture-prone plaque.¹



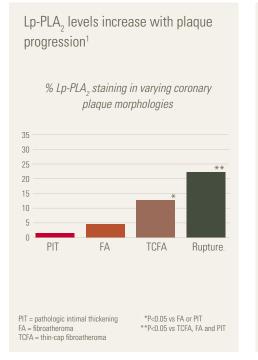
- Cholesterol causes a fatty deposit called plaque that builds up inside the walls of the arteries
- When arterial walls become inflamed, the enzyme Lp-PLA₂ is produced within the plaque
- If the amount of Lp-PLA₂ is high, this may indicate that the plaque is more likely to rupture through the inside lining of the artery into the bloodstream, leading to a dangerous blood clot that could result in heart attack or stroke¹



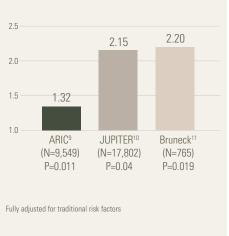
Most cardiovascular events are due to plaque rupture²⁻⁴

"Coronary atherosclerosis is by far the most frequent cause of ischemic heart disease, and plaque disruption with superimposed thrombosis is the main cause of the acute coronary syndromes of unstable angina, myocardial infarction and sudden death."²

"The reduction of Lp-PLA₂ with statin therapy, independent of baseline Lp-PLA₂ levels, can help predict the reduction in Cardiovascular Disease events."³



The higher the level of Lp-PLA₂, the higher the risk for a CV event—even with normal LDL



Coronary and CV event hazard ratios

$Lp-PLA_2$ included in four major guidelines⁵⁻⁸

- American Heart Association/American Stroke Association Guidelines for the Primary Prevention of Stroke⁵
- American College of Cardiology Foundation/American Heart Association Guideline for Assessment of Cardiovascular Risk in Asymptomatic Adults⁶
- American Association of Clinical Endocrinologists Guidelines for Management of Dyslipidemia and Prevention of Atherosclerosis⁷
- European Guidelines on Cardiovascular Disease Prevention in Clinical Practice⁸





 $\rm Lp-PLA_2$ measurement before and during statin treatment. Tracking the reduction of $\rm Lp-PLA_2$ in response to therapy is a better indicator of future CVD events than the reduction of LDL-C levels alone¹⁵

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For more information, visit www.plactest.com, or call diaDexus at 1.650.246.6400 or your laboratory representative.

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