

Product Name :	Lp-PLA2
Cat No. :	P0049
Uniprot ID:	Q13093
Gene Description:	Lipoprotein-Associated Phospholipase A2
Synonyms:	Phospholipase A2; Group VIII; PLA2G7; Platelet-Activating Factor Acetylhydrolase; PAFAH; PAFAD; LDL-PLA2
Species:	Human
Source:	E.coli, Recombinant
Character:	Liquid
Application :	Immunogen; Standard; Calibrator
Concentration:	1mg/ml
Purity:	>90%
QA Standard:	SDS PAGE
Buffer:	0.15M PBS, pH 7.5 with 50% glycerol
Storage:	-20°C for one year
Background:	Lp-PLA2 also known as platelet-activating factor acetylhydrolase (PAF-AH) is a vascular specific inflammatory enzyme, predominantly expressed by macrophages, lymphocytes and foam cells in atherosclerotic plaques. Lp-PLA2 accumulates in atherosclerotic plaques and is believed to contribute to plaque development and rupture by cleaving oxidized phospholipids. Elevated serum Lp-PLA2 levels were strongly associated with heart disease and ischemic stroke, independent of traditional risk markers and high-sensitive CRP.