

AR05063PU-N**Human Low Density Lipoprotein / LDL - Purified**

Alternate names:	Low-density lipoprotein
Quantity:	2 mg
Concentration:	2.0 mg/ml
Background:	LDL (low-density lipoprotein) is a type of lipoprotein that transports cholesterol and triglycerides from the liver to peripheral tissues. LDL enables fats and cholesterol to move within the water based solution of the blood stream. LDL also regulates cholesterol synthesis at these sites.
Species:	Human
Source:	Human
Format:	State: Liquid purified protein Purity: LDL is purified to homogeneity by ultra-centrifugation. Oxidised using 20 Buffer System: Phosphate buffered saline containing 0.2mM EDTA
Applications:	Functional Assays. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Description:	Native oxidized Low Density Lipoprotein from human plasma. Low density lipoprotein (LDL) oxidative modification is one of the major processes involved in atherosclerosis along with other degenerative disorders. Oxidised LDL is preferentially accumulated by macrophages which become so called "foam cells" within the atheromatous plaque and contributes to the accumulation of cholesterol, typical of atherosclerosis.
Storage:	Store the protein undiluted at 2-8°C. DO NOT FREEZE! Shelf life: 6 weeks from despatch.
Caution:	(A full Health and Safety assessment is available upon request) The donor material tested negative for HIV 1 and 2, HBsAg, HTLV 1, HCV and HBcAg.