

AR05061PU-N**Human Low Density Lipoprotein / LDL (native) - Purified**

Alternate names:	Low-density lipoprotein
Quantity:	5 mg
Concentration:	5.0 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:	Plasma (Human)
Format:	State: Liquid purified protein Purity: Via ultracentrifugation to homogeneity as determined via agarose gel electrophoresis Buffer System: TRIS buffered saline containing 0.3mM EDTA
Applications:	Functional Assays. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Description:	Low density lipoproteins transport cholesterol and triglycerides to cells requiring them. They are delivered via LDL receptors in the plasma membrane, via clathrin coated pits to the endosomal pathway for further processing. Biological Activity: This lot of material has been evaluated for receptor binding to human skin fibroblasts in conjunction with [I-125] LDL.
Add. Information:	Precipitation may occur after prolonged storage. This is normal and can be removed by centrifugation.
Storage:	Store the protein undiluted at 2-8°C. DO NOT FREEZE! Shelf life: 3 Months from despatch.
Caution:	Donor material tested and found negative for HIV1, HIV2, HIV1 antigen, HBsAg, the antibody to HTLV1, HCV, HBcAg, ALT and syphilis. As no test can completely guarantee this material to be free of pathogens it should be handled as potentially infectious.