

**AR00115PU-N****Human Very Low Density Lipoprotein (VLDL) - Purified**

<b>Alternate names:</b>	Apolipoprotein, Very Low Density Lipoprotein, Very Low Density Protein
<b>Quantity:</b>	1 mg
<b>Concentration:</b>	1.55 mg/ml (Lowry using BSA as standard)
<b>Background:</b>	Very Low Density Lipoprotein including Apolipoproteins B-100, C-I, C-II, C-III, and E. VLDL transports hepatic synthesized triglycerides and cholesterol. May counteract inhibitory effect of glucocorticoids on arachidonic acid release and prostaglandin I <sub>2</sub> formation in vascular smooth muscle cells.
<b>Species:</b>	Human
<b>Source:</b>	Plasma
<b>Format:</b>	<b>State:</b> Liquid purified protein <b>Purity:</b> >95% of total lipoprotein content (SDS-PAGE). Prepared by sequential flotation ultracentrifugation technique using KBr for density adjustments. <b>Density:</b> 0.95-1.006 g/ml <b>Buffer System:</b> 150mM Sodium Chloride, pH 7.4 containing 0.01% EDTA <b>Preservatives:</b> None
<b>Applications:</b>	Suitable for <b>ELISA</b> and <b>Immunoelectrophoresis</b> . Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Description:</b>	Human Very Low Density Lipoprotein (VLDL). Single arc by IEP against antisera to whole human serum. Essentially free of other plasma lipoproteins as determined by electrophoresis using Fat Red 7B staining for lipids and Coomassie Blue for proteins. Composition: 88-95% lipid; 5-12% protein.
<b>Storage:</b>	Store undiluted at 2-8°C. <b>DO NOT FREEZE!</b> Shelf life: one year from despatch.
<b>Caution:</b>	Source material supplied to your facility has been tested for the detection of HIV antibody, Hepatitis B surface antigen, antibody to Hepatitis C, HIV 1 antigen(s), antibody to HTLV - I/II, and syphilis with FDA approved test kits. All units were found to be non-reactive/negative for these tests. Nevertheless, all products from human sources should be handled as potentially infectious.