

Product datasheet for **AR00115PU-N**

Very Low Density Lipoprotein (VLDL) Human Protein

Product data:

Product Type:	Native Proteins
Description:	Very Low Density Lipoprotein (VLDL) human protein, 1 mg
Species:	Human
Protein Source:	Plasma
Concentration:	lot specific
Purity:	>95% of total lipoprotein content (SDS-PAGE). Prepared by sequential flotation ultracentrifugation technique using KBr for density adjustments. Density: 0.95-1.006 g/ml
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 150mM Sodium Chloride, pH 7.4 containing 0.01% EDTA Preservative: None
Preparation:	Liquid purified protein
Applications:	Suitable for ELISA and Immunoelectrophoresis .
Protein Description:	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.
Note:	Caution: 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.
Storage:	Store undiluted at 2-8°C. DO NOT FREEZE!
Stability:	Shelf life: one year from despatch.
Synonyms:	Very Low Density Lipoprotein , Apolipoprotein, Very Low Density Protein



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Summary: 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 I₂ formation in vascular smooth muscle cells.

Protein Families: Suitable for **ELISA** and **Immunoelectrophoresis**.