

Very Low Density Lipoprotein, Human Plasma

Catalog No.	CSI19851A	Quantity:	1.0 mg
Alternate Names:	VLDL		
Description:	In a normal fasting individual, VLDL concentrations range from 0.5 - 2.0 g/L. VLDL transports triglycerides synthesized by the liver to sites of energy storage and utilization.		
Source:	Human plasma, fresh not frozen		
Molecular Weight:	100 kDa - 800 kDa		
Formulation:	0.15M NaCl, 0.01% EDTA, pH 7.4		
Purity:	>95% VLDL by SDS-PAGE analysis of all lipoprotein, visualized with Coomassie Blue with Fast Red 7B stain for lipids. Single arc by IEP against antisera to whole human serum.		
Concentration:	Lot specific, ~1.0 mg/ml, determined by a Modified Lowry using BSA as the Standard		
Volume:	~1.0 ml, lot specific		
Density:	0.95-1.006 g/ml, lot specific		
Composition:	88-95% lipid, 5-12% protein, lot specific		
Cholesterol:	1.63 mg/ml, lot specific		
Triglyceride:	7.76 mg/ml , lot specific		
Storage & Stability:	When stored at 2 - 8°C product is stable for 12 months from date of delivery. DO NOT FREEZE.		
Certification:	Prepared from plasma shown to be non reactive for HbsAG, anti-HCV, anti-HBc, and negative for anti-HIV 1 & 2 by FDA approved tests.		

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