HDL

Cat. #:	10460	**Name:**	2.0 mg
Purity:	98% (Co-migrates with reference on agarose gel electrophoresis)		
Concentration:	Minimum 2.25 mg/ml protein		
Description:	Human High Density Lipoprotein		
Background:	LDL is a large protein (MW 3,500 kDa) with a diameter of 25.8 nm. It is composed of approximately 20-25% protein and 75-80% lipid. The lipid portion can be further described as 9% free cholesterol, 42% cholesteryl ester, 20-24% phospholipid, and 5% triglyceride.		
Source:	Human plasma, which tested negative for HBsAG, HIV1/2, HIV-NAT, HCV, HCV-NAT and Syphilis. It is purified via ultracentrifugation to homogeneity (d=1.063⊠1.21 g/mL) determined by agarose gel electrophoresis. Each lot is analyzed on agarose gel electrophoresis for migration versus HDL.		
Tested Applications:	Human HDL are evaluated for receptor binding to Activity: peritoneal macrophages in conjunction with our DiI-HDL and [I-125] Ox-HDL.		
Storage & Stability:	Human HDL is stable for 6 weeks after receipt when handled aseptically and stored at 2-8°C (**Don't Freeze**). Note: After prolonged storage, some precipitate may be observed. This is normal for the product. Spin in centrifugation at 1000×g for 3 minutes before using.		
Packaging:	HDL is membrane filtered (0.22 micron) and aseptically packaged under nitrogen in a solution containing phosphate-buffered saline at pH 7.4 and 0.2 mM EDTA-Na_2. The product requires 1 week lead time. Please plan your experiments in advance and use the fresh material.		