

Native Human Low Density Lipoprotein, Biotin labeled

Cat. No. LDL-394H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human LDL is prepared from fresh, non-frozen plasma shown to be non reactive for HBsAg, anti-HCV, anti-HBc, and negative for anti-HIV 1 & 2 by FDA approved tests. Oxidized LDL is made via copper sulfate oxidation. Biotin-LDL is prepared by reaction with biotin hydrazide.
Species	Human
Source	Human Plasma
Description	Oxidized-LDL may play an important part in the atherogenic process in vivo. Ox-LDL generated by a variety of means, including copper mediated oxidation, and has been used in hundreds of published studies. The chemical composition of the Ox-LDL has been demonstrated to vary with the degree of oxidation. Oxidized lipids, such as oxidized phospholipids and oxysterols, and oxidized protein adducts increase with increasing time and degree of oxidation of LDL. Each of these classes of chemical components can have a multitude of different effects on each of the cell types in the artery wall.
Form	PBS pH 7.4
Stability	6 Months.
Storage	Store at 2-6 centigrade in a dark place. DO NOT FREEZE.
Handling	The product may not be sterile after handling and storage. It should be sealed under

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nitrogen or argon after each usage to prevent aggregation and oxidation.

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