

Native Human Low-density lipoprotein

Cat. No. LDL-1538H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Human Low-density lipoprotein was purified from human plasma.
Species	Human
Source	Human Plasma
Description	Low-density lipoprotein (LDL) is one of the five major groups of lipoproteins, which, in order of molecular size, largest to smallest, are chylomicrons, very low-density lipoprotein (VLDL), intermediate-density lipoprotein (IDL), LDL, and high-density lipoprotein (HDL). Lipoprotein molecules enable the transportation of lipids (fats), such as cholesterol, phospholipids, and triglycerides, within the water around cells (extracellular fluid), including the bloodstream. Studies have shown that higher levels of type-B LDL particles (as opposed to type-A LDL particles) are associated with health problems, including cardiovascular disease.
Form	Solution in 150 mM NaCl and 0.01% EDTA, pH 7.4
Molecular Mass	3,500 kDa
Purity	≥95% (SDS-PAGE)
Storage	The product ships on wet ice and all solutions of lipoproteins should be stored at 2-8 °C. Freezing may cause structural or compositional changes.
Concentration	In a normal fasting individual, LDL concentrations range from 2.0 to 3.5 g/L.

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Shipping

wet ice

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