



HUMAN LOW DENSITY LIPOPROTEIN (LDL) PURIFIED

CATALOG NUMBER:	LP2-2MG
LOT NUMBER:	
QUANTITY:	2 mg
CONCENTRATION:	xx mg/mL
BACKGROUND:	LDL constitutes 50% of the total lipoprotein mass in plasma and is the major carrier of cholesterol and cholesteryl esters. LDL levels strongly correlate with coronary heart disease.
SOURCE:	Human plasma tested negative for HBsAg and HIV-I, HIV-II, HBc and Hepatitis C antibodies. All blood products should be treated as potentially infectious.
PURITY:	≥ 95% by SDS-PAGE Single arc by IEP against antiserum 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.
MOLECULAR WEIGHT:	2,300,000
DENSITY:	1.02 – 1.063 g/mL
COMPOSITION:	78-80% lipid, 22-20% protein
FORMAT:	Prepared by sequential flotation ultracentrifugation technique using KBr for density adjustments. Protein is determined by modified Lowry method using BSA as the standard.
PRESENTATION:	Liquid in 150 mM NaCl, pH 7.4 with 0.01% EDTA. Filtered to sterility using 0.2 micron filter in a sterile vial.
STORAGE/HANDLING:	Maintain at 2-8°C in undiluted aliquots for up to 3 months after date of receipt. Do <u>Not</u> Freeze. All blood products should be treated as potentially infectious.

Important Note: *During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 µL or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.*

**FOR RESEARCH USE ONLY; NOT FOR USE IN DIAGNOSTIC
PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION**

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