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Certificate of Analysis and Data Sheet

Native Human Low Density Lipoprotein (Acetylated)

Catalog No.
DS-01-0292

Species
Human

Description

Acetylated Low Density Lipoprotein (AcLDL) is taken up by cells via scavenger receptors and has been used as a mechanism of targeted drug delivery and in combination with saporin for the depletion of specific cell types. AcLDL behaves like oxidized LDL, both of which are degraded within lysosomes.

Formulation

Product Type: Purified Protein

Product Form: Purified acetylated LDL from human serum - liquid

Preparation: Purified to homogeneity via ultracentrifugation and acetylated with excess acetic anhydride.

Concentration: 2.0 mg/ml

Buffer Solution: 0.05 M Tris-HCl, 0.15 M NaCl and 0.3 mM EDTA, pH 7.4

Activity: This lot has been evaluated for receptor binding to murine peritoneal macrophages in conjunction with [¹²⁵I] Ac-LDL.

Applications

Table. Summary of antigen applications and working conditions

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
ELISA	.			

Note: Other applications are not tested yet. Optimal dilutions should be determined by each laboratory for each application.

Storage

Store at +4°C. DO NOT FREEZE.

This product should be stored undiluted. After prolonged storage some precipitate may be observed. This is normal for this product and you should centrifuge at 500 g for ten minutes to clarify.

Shelf Life: 3 months from date of dispatch.

**The products are furnished for LABORATORY RESEARCH USE ONLY.
Not for diagnostic or therapeutic use.**