



## DATA SHEET

### ACETYLATED LOW DENSITY LIPOPROTEIN, HUMAN

**Catalog No:** YB-004

**Lot No:** 2023-10-09

**Quantity:** 2.0mg(milligrams) Relative Protein/2vial

**Concentration:** 1.2mg/ml (Protein)

**Packaging:** Acetylated LDL is membrane filtered and aseptically packaged in a solution containing phosphate-buffered saline at pH 7.4 and 0.2mM EDTA-Na<sub>2</sub>.

**Preparation:** Yiyuan Biotechnologies Human LDL(Cat. No. **YB-001**) (which was purified to homogeneity via ultra-centrifugation(1.019-1.063g/cc)) is acetylated with acetic anhydride and dialyzed. It is ultrafiltered through a membrane and packaged aseptically under nitrogen. Each lot is analyzed on agarose gel electrophoresis for migration versus LDL. This lot of AcLDL migrates 1.8fold further than the native LDL.

**Storage & Stability:**

This product is stable for **6 weeks** when handled aseptically and stored at **2-8°C**.  
**NEVER FREEZE.**

**\*Special Note:** *After prolonged storage, some precipitate may be observed. This is normal for this product. Clarify out the aggregates by spinning in a microfuge for 2 minutes.*

**Biological Activity:**

Sample lots of YB Acetylated LDL are evaluated for receptor binding to peritoneal macrophages in conjunction with our Dil-Ac-LDL.

**\*Preparations of Acetylated LDL are fairly unstable; plan your experiments in advance and use fresh material.**

**FOR RESEARCH USE ONLY**

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