



DATA SHEET

ACETYLATED LOW DENSITY LIPOPROTEIN, HUMAN

<u>Catalog No:</u>	YB-004
<u>Lot No:</u>	lot specific
<u>Quantity:</u>	2.0mg(milligrams)/vial
<u>Concentration:</u>	lot specific (mg/ml Corrected by Cholesterol in Lipoprotein)
<u>Packaging:</u>	Acetylated LDL is membrane filtered and aseptically packaged in a solution containing phosphate-buffered saline at pH 7.4 and 0.2mM EDTA-Na ₂ .
<u>Preparation:</u>	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 2.0fold further than the native LDL.
<u>Storage & Stability:</u>	This product is stable for 6 weeks when handled aseptically and stored at 2-8°C . NEVER FREEZE.
<i>*Special Note:</i>	<i>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.</i>
<u>Biological Activity:</u>	Sample lots of YB Acetylated LDL are evaluated for receptor binding to peritoneal macrophages in conjunction with our Dil-Ac-LDL. <i>*Preparations of Acetylated LDL are fairly unstable; plan your experiments in advance and use fresh material.</i>

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