



DATA SHEET

VERY LOW DENSITY LIPOPROTEIN, HUMAN

Catalog No: YB-009

Lot No: 2021-03-10

Quantity: 2.0mg (milligrams) Protein/vial

Concentration: 1.50mg/ml (Protein)

Packaging: VLDL is membrane filtered and aseptically packaged under nitrogen in a solution containing phosphate-buffered saline at pH 7.4 and 0.2mM EDTA.

Preparation: Yiyuan Biotechnologies Human Very Low Density Lipoprotein, VLDL, (Cat. No. **YB-009**) is isolated from blood bank produced human plasma. It is purified via ultracentrifugation ($d < 1.006$ g/mL) to homogeneity determined by agarose gel electrophoresis. Each lot is analyzed on agarose gel electrophoresis for migration versus LDL.

Purity: 95%, is determined agarose gel electrophoresis

Specifications: 0.22 micron filtered; Aseptically Filled; Cell Culture Tested.

Storage & Stability:

This product is stable for 6 weeks after receipt 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 VLDL are evaluated for receptor binding to peritoneal macrophages in conjunction with our DiI-VLDL and Ox-VLDL

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

FOR RESEARCH USE ONLY