

Biomedical Technologies Inc.

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DATA SHEET DiO-Ac-LDL

Acetylated Low Density Lipoprotein labeled with 3,3'-dioctadecyloxacarbocyanine perchlorate

Catalog No: BT-925 **Concentration:** 200ug/ml

Quantity: 200ug/vial **Lot No** 9250205

Absorbance Ratio: $\frac{\text{DiO}}{\text{Protein}} = \frac{507\text{nm}}{280\text{nm}} = 0.6$

Product Preparation:

Purified Low Density Lipoprotein is acetylated and then labeled with the fluorescent probe, DiO. The resultant product is exhaustively dialyzed against 0.15M NaCl, 0.05M Tris, (pH 7.4), 0.3mM EDTA, sterilized by membrane filtration and then aseptically packaged. Each lot is evaluated for specific binding on either endothelial cells or macrophages. The current lot was evaluated on P-388D cells to assure consistent results.

Storage & Stability:

We estimate that DiO-Ac-LDL is stable 3 months when kept sterile at 4°C.

NEVER FREEZE.

NOTE: BTI also offers DiAcLDL; ECGS, Endothelial Mitogen (BT-203), which when added as a media supplement, improves the viability of cultured (EC) endothelial cells (HUVEC, etc.). EC attachment may be enhanced by coating cultureware with Human Fibronectin (BT-225) or Bovine Fibronectin (BT-226).

FOR RESEARCH USE ONLY. (rev. 10/03)

