

Biomedical Technologies Inc.

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DATA SHEET

OXIDIZED LOW DENSITY LIPOPROTEIN, HUMAN

Catalog No: BT-910

Lot No: 9101204

Quantity: 2.2 mg(milligrams) Protein/vial

Concentration: 2.0 mg/ml (Protein)

Packaging: BTI Oxidized LDL is membrane filtered and aseptically packaged in a solution containing 0.05M Tris-HCl, 0.15M NaCl and 0.3mM EDTA at pH 7.4.

Preparation: BTI Human LDL (Cat. No. **BT-903**) (which was purified to homogeneity via ultracentrifugation) is oxidized using 20uM Cu₂SO₄ (oxidant) in PBS at 37°C for 24 hours. Oxidation is terminated by adding excess EDTA.

TBARS: TBARS is determined colorimetrically by using Malondialdehyde as a standard.

Starting LDL	0.04 nmoles of MDA/mg Protein
Ox-LDL	16.1 nmoles of MDA/mg Protein

Storage & Stability:

This product is stable for 6 weeks when handled aseptically and stored at 4°C.
NEVER FREEZE.

Biological Activity:

Sample lots of BTI Oxidized LDL are evaluated for receptor binding to peritoneal macrophages in conjunction with [I-125] Ox-LDL (Cat. No. **BT-911R**).

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

FOR RESEARCH USE ONLY