

**Product Datasheet**

Human DiO-Medium Oxidized LDL

**Catalog Number**    **Size**

770282-3 0.25 mg

770282-9 0.5 mg

**Storage**            2 – 8 ° C

**Description**        Purified human LDL (d=1.019 – 1.063 g/mL) is oxidized with copper(II)sulfate and labeled with a derivative of DiO (3,3'-dioctadecyloxacarbocyanine). The purified probe is ultrafiltered through a membrane and packaged aseptically under nitrogen. The product is provided in a solution with 154 mM NaCl, 5.6 mM Na<sub>2</sub>HPO<sub>4</sub>, 1.1 mM KH<sub>2</sub>PO<sub>4</sub>, and 0.34 mM EDTA, at pH 7.4.

**Source**                Human plasma, that tested negative for HBsAG, HIV 1 / 2, HIV-1 AG or HIV-NAT, HCV and Syphilis.

**Appearance**        Yellow liquid, clear to slightly turbid.

**Identity**              Co-migrates with reference on agarose gel electrophoresis.

**Purity**                No significant detection of other lipoproteins by agarose gel electrophoresis.

**Concentration**      Minimum 0.5 mg/mL protein

**Endotoxin**            Not Tested

Certificate of Analysis - Lot No.            316B3001

Analysis	Range	Result
<b>Protein Concentration</b>	Minimum 0.5 mg/mL protein	0.7
<b>Purity</b>	No significant detection of other lipoproteins by agarose gel electrophoresis.	>97%
<b>Endotoxin</b>	Not Tested	NA

*Kathy Foxx*

10/30/2018 1:10:40PM

Kathy Foxx

Date

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