

## Native Human Low Density Lipoprotein, Oxidized, DiO labeled

**Cat. No.** LDL-403H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                         |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | 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. |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                   |
| <b>Source</b>           | Human Plasma                                                                                                                                                                                                                                            |
| <b>Form</b>             | Yellow liquid, clear to slightly turbid. 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.                                                                                   |
| <b>Purity</b>           | >97%. No significant detection of other lipoproteins by agarose gel electrophoresis.                                                                                                                                                                    |
| <b>Notes</b>            | Human plasma, that tested negative for HBsAG, HIV 1 / 2, HIV-NAT, HCV, HCV-NAT, and Syphilis.                                                                                                                                                           |
| <b>Storage</b>          | Store at 2 - 8 °C                                                                                                                                                                                                                                       |
| <b>Concentration</b>    | Minimum 0.5 mg/mL protein                                                                                                                                                                                                                               |

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