

## Copper (Cu<sup>++</sup>) Oxidized Human Low Density Lipoprotein (LDL)

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<b>CATALOG NUMBER:</b>	STA-214
<b>STORAGE:</b>	4°C; DO NOT FREEZE
<b>QUANTITY AND CONCENTRATION:</b>	100 µg at 1.0 mg/mL in PBS, pH 7.5, containing 0.5 mM EDTA and 0.05% NaN <sub>3</sub>
<b>SHELF LIFE:</b>	6 months from date of receipt under proper storage conditions
<b>SOURCE:</b>	Isolated from human plasma tested negative for Hepatitis surface antigens and HCV, HIV-I and HIV-II antibodies; purified by ultracentrifugation and oxidized with Cu <sup>++</sup>
<b>PURITY:</b>	98% by SDS-PAGE

### Recent Product Citations

1. Sagar, D. et al. (2020). LOX-1: A potential driver of cardiovascular risk in SLE patients. *PLoS One*. **15**(3):e0229184. doi: 10.1371/journal.pone.0229184.
2. Ye, Y. et al. (2019). Elevated oxidized lipids, anti-lipid autoantibodies and oxidized lipid immune complexes in active SLE. *Clin Immunol*. pii: S1521-6616(19)30088-9. doi: 10.1016/j.clim.2019.05.004.
3. Kaçar, C. et al. (2015). Amperometric magnetoimmunoassay for the determination of lipoprotein (a). *Microchim Acta*. doi: 10.1007/s00604-015-1472-1.
4. Haller, E. et al. (2014). Gold nanoparticle–antibody conjugates for specific extraction and subsequent analysis by liquid chromatography–tandem mass spectrometry of malondialdehyde-modified low density lipoprotein as biomarker for cardiovascular risk. *Anal Chim Acta*. **857**:53-63.

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