



## RayBiotech, Inc.

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### Certificate of Analysis and DataSheet Rabbit Anti-CU<sup>2+</sup>-OX LDL

**Catalog No.**  
MD-14-1079

**Host Animal**  
Rabbit

<b>Description:</b>	Rabbit anti Cu <sup>2+</sup> -OX LDL Rabbit Antibody to Human Cu <sup>2+</sup> -oxidized Low Density Lipoprotein (LDL)
<b>Specificity:</b>	Shows strong reactivity to fully oxidized modifications of LDL including Cu <sup>2+</sup> -oxidized LDL, MDA-LDL, HOCl-LDL, but not to other oxidized proteins like MDA-HSA, MDA-HDL, HOCl-HSA, HOCl-HDL (below detection limit). The reaction to native LDL was weak, but clearly detectable (~20%). Minimally oxidized LDL gave a strong binding signal (>80%).
<b>Host Animal:</b>	Rabbit
<b>Immunogen:</b>	Human Cu <sup>2+</sup> -oxidized low density protein (LDL)
<b>Format:</b>	Neat, Lyophilized Reconstitute in 100ul double distilled water.
<b>Purification:</b>	Not applicable
<b>Concentration:</b>	Not determined
<b>Buffer:</b>	Not applicable
<b>Preservative:</b>	None
<b>Applications:</b>	Suitable for use in ELISA and related methods (1:500-1:5,000) and Immunohistochemistry (<1:500). Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
<b>Storage:</b>	Store lyophilized product at 2-8°C. After reconstitution, store at -20°C. Avoid multiple freeze/thaw cycles.

**The products are furnished for LABORATORY RESEARCH USE ONLY.  
Not for diagnostic or therapeutic use.**