



## RayBiotech, Inc.

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### Certificate of Analysis and Data Sheet

## NATIVE HUMAN LOW DENSITY LIPOPROTEIN

**Catalog No.**  
DS-01-0289

**Source**  
Human

### **Description**

Low density lipoproteins transport cholesterol and triglycerides to cells requiring them. They are delivered via LDL receptors in the plasma membrane, via clathrin coated pits to the endosomal pathway for further processing. This lot of material has been evaluated for receptor binding to human skin fibroblasts in conjunction with [I-125] LDL.

### **Format**

Purified from human plasma – liquid, total protein concentration 5.0 mg/ml.

### **Preparation**

Purified via ultracentrifugation to homogeneity as determined via agarose gel electrophoresis.

### **Buffer**

TRIS buffered saline.

### **Preservative**

0.3 mM EDTA

### **Applications**

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

#### **Yes No Not Determined Suggested Dilution**

Functional Assays   ▪

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



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Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using the appropriate negative/positive controls.

### ***Stability/Storage***

Store at 4°C. DO NOT FREEZE. This product should be stored undiluted. Precipitation may occur after prolonged storage. This is normal and can be removed by centrifugation.

### ***Shelf Life***

This product has been aseptically packaged and membrane filtered. It is stable for 3 months when handled aseptically and stored at 4 °C.

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