



## RayBiotech, Inc.

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# Certificate of Analysis and Data Sheet Human Apolipoprotein AI (Apo AI)

**Catalog No.**  
MD-26-0004P

**Source:**  
High Density Lipoprotein (HDL) from pooled  
human plasma

## Description

Human Apolipoprotein AI (Apo AI).

## Preparation

**Purification:** >95% pure (SDS-PAGE). Column chromatography.

## Formulation

**Format:** Purified, Liquid  
**Concentration:** 1.54 mg/ml (OD280nm,  $E^{1\%} = 12.2$ )  
**Buffer:** 10mM  $\text{NH}_4\text{HCO}_3$ , pH 7.4  
**Preservative:** None

## Applications

Specific methodologies have not been tested using this product.

## Inactivation

Not applicable

## Storage

Upon receipt, store at  $-20^\circ\text{C}$ . Keep concentration  $>1\text{mg/ml}$  as precipitation may occur below  $1\text{mg/ml}$ . Avoid multiple freeze/thaw cycles. **Centrifuge before opening to ensure complete recovery of vial contents.**

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



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### ***Warnings***

All human source materials have tested negative for HIV 1, HIV 2 and non-reactive for anti-HCV, anti-HBc antibodies and HBsAg by FDA required tests. No test guarantees a product to be non-infectious. Therefore, all material derived from human fluids or tissues should be considered as potentially infectious.

### ***References***

1. Gerbod-Giannone, M.C., et al., (2006), "TNF alpha induces ABCA1 through NF-kappaB in macrophages and in phagocytes ingesting apoptotic cells", PNAS, 103(9): 3112-3117
2. Haidar, B., et al., (2004), "Apolipoprotein A-I Activates Cellular cAMP Signaling through the ABCA1 Transporter", The Journal of Biological Chemistry, 279(11): 9963-9969

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