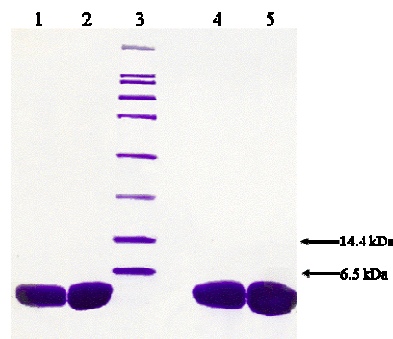


## Molecular Innovations, Inc.

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# Certificate of Analysis



18% Tris Glycine gel  
1 Apolipoprotein C1 (10 ug) Reduced/heated  
2 Apolipoprotein C1 (20 ug) Reduced/heated  
3 BRMW Standard (BIO-RAD Cat. No. 161-0317)  
4 Apolipoprotein C1 (10 ug) Non-reduced/no heat  
5 Apolipoprotein C1 (20 ug) Non-reduced/no heat

**Product:** Apolipoprotein C1, Human Plasma, VLDL – HAPO-C1

**Date:** January, 2008

**Lot:** APOC12008-01

**Molecular Weight:** 6,600 by SDS PAGE

### Description:

Apolipoprotein C1 is one of the protein components of VLDL lipoprotein. The normal plasma concentration of Apo C1 is 4-7 mg per 100 ml. Elevated levels of Apo C1 may offer some protection from obesity and insulin-dependent diabetes. Some evidence exists that the Apo C1 H2 gene is positively associated with late-onset Alzheimer's disease.

Each 0.1 mg lyophilized from 0.08 ml. Add deionized water to original volume, aliquot and freeze unused portion.

>=95% pure by SDS-PAGE.

### Considerations:

Prepared from plasma shown to be non reactive for HbsAG, anti-HCV, anti-HBc, and negative for anti-HIV 1 & 2 by FDA approved tests.

Protein concentration determined by Modified Lowry method based on Sigma Procedure P5656.

Storage Conditions: Store frozen at -70°C – stability > 1yr  
Buffer Composition: 0.01M Ammonium Bicarbonate; pH 7.4

*Duane E. Day*

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