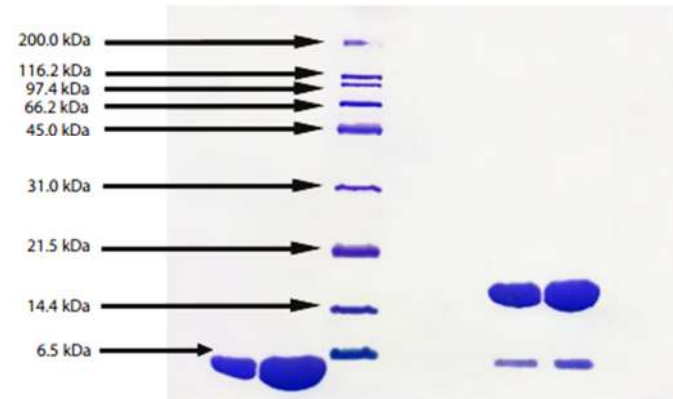


# Apolipoprotein AII, Human Plasma

<b>CATALOG #:</b>	7281-500	500 µg
<b>ALTERNATE NAMES:</b>	Apolipoprotein A-II, Apo-AII, ApoA-II, APOA2.	
<b>SOURCE:</b>	Human plasma. 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.	
<b>PURITY:</b>	≥ 95% by SDS - PAGE	
<b>MOL. WEIGHT:</b>	17.4 kDa	
<b>FORM:</b>	Frozen	
<b>FORMULATION:</b>	Frozen in 10 mM NH <sub>4</sub> HCO <sub>3</sub> , pH 7.4	
<b>STORAGE CONDITIONS:</b>	Aliquot and store at -70°C or lower. Avoid repeated freezing and thawing cycles.	

**DESCRIPTION:**

APOA2 stabilizes the HDL structure by its relationship with lipids, and plays a role in the HDL metabolism. APOA2 is the 2nd most abundant protein of the high density lipoprotein particles. 25% of Apo A in HDL is Apo AII. APOA2 is localized in plasma as a monomer, homodimer, or heterodimer with apolipoprotein D. Defects in APOA2 gene might cause apolipoprotein A-II deficiency or hypercholesterolemia. Levels of Apo AII in normal plasma range from 30-50 µg per 100 ml. The physiological role of the protein is unknown. Alcohol consumption, however, increases Apo AII levels.

**Apolipoprotein AII, Human Plasma**

18% Tris-Glycine SDS-PAGE gel

1. Apo AII - 10 µg (reduced / heated)
2. Apo AII - 20 µg (reduced / heated)
3. MW Standard
4. Apo AII - 10 µg (non-reduced / no heat)
5. Apo AII - 20 µg (non-reduced / no heat)

**RELATED PRODUCTS:**

- ApoA-1, human recombinant (Cat # 4693-20, -100, -1000)
- ApoA-1, rat recombinant (Cat # 4695-20, -100, -1000)
- Apo-D, human recombinant (Cat # 4326-10, -1000)
- APO-J / Clusterin (Cat. No. 4325-10, -500)
- Apo-SAA, human recombinant (Cat # 4324-50, -500, -1000)
- ApoE2, human recombinant (Cat # 4760-50, -100, -500, -1000, -5000)
- ApoE3, human recombinant (Cat # 4696-50, -100, -500, -5000)
- ApoE4, human recombinant (Cat # 4699-50, -100, -500, -1000, -5000)
- Apolipoprotein CI, Human Plasma (Cat # 4703-100)
- Apolipoprotein CII, Human Plasma (Cat # 4704-50)
- Apolipoprotein CIII, Human Plasma (Cat # 4706-100)

**FOR RESEARCH USE ONLY! Not to be used in humans.**