

Apolipoprotein AII, Human Plasma

CATALOG #: 7281-500 500 µg

ALTERNATE NAMES: Apolipoprotein A-II, Apo-AII, ApoA-II, APOA2.

SOURCE: 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.

PURITY: ≥ 95% by SDS - PAGE

MOL. WEIGHT: 17.4 kDa

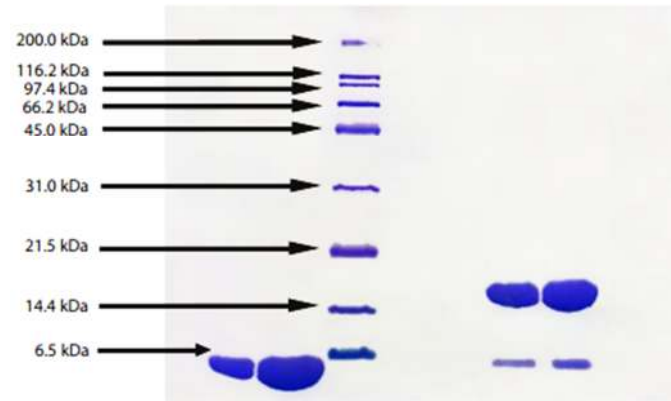
FORM: Frozen

FORMULATION: Frozen in 10 mM NH₄HCO₃, pH 7.4

STORAGE CONDITIONS: 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 mg 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.

