

## A2M

### Native Human Alpha-2-Macroglobulin

<b>Catalog No.</b>	CRA115A	<b>Quantity:</b>	5 mg
	CRA115B		1.0 mg
	CRA115C		10 mg

**Alternate Names:** Alpha-2-M, A2M, CPAMD5, FWP007, S863-7, alpha 2M

**Description:** A major serum protein found at concentrations of 240 mg per 100 ml in men and 290 mg per 100 ml in women. Multifunctional, it promotes growth of mammalian cells in culture, stimulates the regeneration of lymphocytes in irradiated mice, possesses a transport function for zinc and is a proteinase inhibitor that controls the clotting and fibrinolytic system. Clinically levels are increased in liver cirrhosis, nephrotic syndrome, diabetes, and severe burn cases.

**Gene ID:** 2

**Source:** Human Plasma

**Molecular Weight:** 725 kDa

**Formulation:** Lyophilized from 0.03 M Sodium Phosphate + 0.1 M Glycine, pH 7.0

**Purity:** >95% pure by SDS-PAGE.

**Volume:** 0.394 ml before lyophilization

**Reconstitution:** **Centrifuge vial prior to opening.** Add deionized water to original volume, aliquot and freeze unused portion.

**Storage & Stability:** Stable on ice packs for shipping. On receipt, store at -80°C. Stable for up to 3 years. After reconstitution store in working aliquots at -80°C. **Avoid repeated freeze-thaw cycles.**

**Certification:** 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.

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