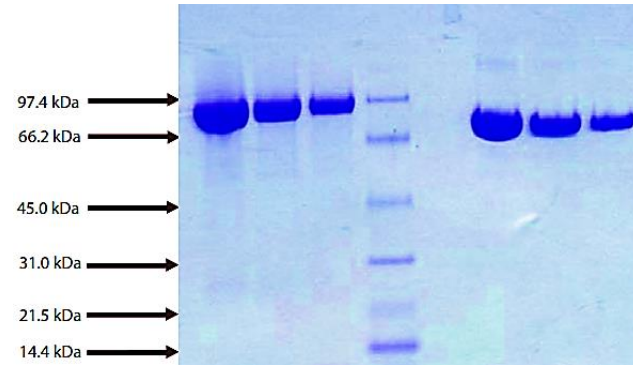


# Plasminogen, Human Plasma

<b>CATALOG #:</b>	7549-1	1 mg
<b>SOURCE:</b>	Human Plasma. Prepared from plasma and 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>	90.0 – 92.0 kDa	
<b>EXTINCTION COEFFICIENT:</b>	1.71	
<b>FORM:</b>	Lyophilized	
<b>FORMULATION:</b>	Lyophilized from 20 mM Tris-HCl, pH 7.5, with 2 mM EDTA.	
<b>RECONSTITUTION:</b>	Following steps are necessary for complete recovery of the product. Centrifuge the vial prior to opening. Add de-ionized H <sub>2</sub> O, gently swirl or vortex until the product is completely homogeneous. To further dilute the product, use lyophilization buffer. Volume of de-ionized H <sub>2</sub> O is lot-specific.	
<b>STORAGE CONDITIONS:</b>	Store at -20 °C or lower. Avoid repeated freezing and thawing cycles.	

**DESCRIPTION:** Plasmin dissolves the fibrin of blood clots and acts as a proteolytic factor in a variety of other processes including embryonic development, tissue remodeling, tumor invasion, and inflammation. Plasminogen is the inactive precursor of plasmin. Plasminogen is activated by the action of either tissue plasminogen activator (tPA), which primarily activates the fibrinolytic (thrombolytic) activity of plasmin, or urokinase plasminogen activator (uPA), which is associated with extracellular matrix remodeling and cell migration. Plasmin cleaves fibrin/fibrinogen and blood coagulation factors V/Va and VIII/VIIIa. It activates matrix metalloproteinases by cleaving the inactive proenzymes. It is also involved in the activation of some growth factors, such as vascular endothelial growth factor (VEGF) and transforming growth factor β (TGF-β).



**A2HSGP, Human Plasma**

1. Plasminogen - 5 µg (non-reduced / no heat)
2. Plasminogen - 10 µg (non-reduced / no heat)
3. Plasminogen - 20 µg (non-reduced / no heat)
4. Marker
5. Empty lane
6. Plasminogen - 5 µg (reduced / heated)
7. Plasminogen - 10 µg (reduced / heated)
8. Plasminogen - 20 µg (reduced / heated)

**RELATED PRODUCTS:**

- Urokinase, Human (**Cat. No. 4793-100, -1000**)
- Urokinase Antibody (**Cat. No. 5793-100**)
- Urokinase Activity Fluorometric Assay Kit (**Cat. No. K728-100**)
- Urokinase Inhibitor Screening Kit (Fluorometric) (**Cat. No. K727-100**)
- Honokiol (**Cat. No. 1762-10, -50**)
- uPAR Antibody (**Cat. No. 3440-100**)
- uPAR Antibody (**Cat. No. 3722-100**)

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

