

PLG

Native Chicken Plasminogen

Catalog No.	CSI19764A	Quantity:	1.0 mg
	CSI19764B		10 mg

Description: Plasmin is a serine protease that is released as Plasminogen (Plg) from the liver into the circulation and activated by Tissue Plasminogen Activator (tPA), Urokinase Plasminogen Activator (uPA), and Factor XII (Hageman factor). Fibrin is a cofactor for Plasminogen activation by tPA. Urokinase Plasminogen Activator Receptor (uPAR) is a cofactor for Plasminogen activation by uPA. Plasmin is inactivated by Alpha-2-Antiplasmin (A2AP), a serine protease inhibitor (serpin).

Source: Chicken plasma

UniProt ID: Q7LZF3

Gene ID: 421580

Molecular Weight: 92 kDa

Concentration: ≥ 1.0 mg/ml, lot specific

Extinction Coefficient $E^{0.1\%}_{280\text{nm}} = 1.69$

Purity: $> 95\%$ by SDS-PAGE

Formulation: 0.1 M HEPES, 0.1 M NaCl, pH 7.4

Purification: Prepared from fresh chicken plasma by immobilized lysine chromatography

Storage & Stability: Store at -80°C for up to 1 year. Upon initial thaw, prepare working aliquots and store at -80°C . **Avoid repeated freeze-thaw cycles.**

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