

Vitronectin, Human Plasma

CATALOG #:	4087-100	100 µg
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.	
MOL. WEIGHT:	75.0 kDa	
PURITY:	≥95% by SDS-PAGE	
FORM:	Lyophilized from 10 mM sodium phosphate, pH 7.7	
RECONSTITUTION:	Water or aqueous buffers	

STORAGE CONDITIONS:

At -20°C. Reconstituted vitronectin should be stored in working aliquots at -20°C.

DESCRIPTION:

Vitronectin and plasminogen activator inhibitor type 1 are proteins that interact in the circulatory system and pericellular region to regulate fibrinolysis, cell adhesion, and migration. Plasminogen activator inhibitor type 1, a serine proteinase, through its binding to the plasma protein vitronectin, influences processes that are key regulators of hemostatic process, for example, thrombosis and wound healing. In addition, the vitronectin and plasminogen activator inhibitor type 1 complex regulates binding of blood platelets and cells to extracellular substrata in events like tumor metastasis. The plasma concentration of vitronectin is 200 to 400 µg/ml.

03/12

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