

ARG81076 Human Vitronectin (total) ELISA Kit

Package: 96 wells

Store at: 4°C

Summary

Product Description	ARG81076 Human Vitronectin (total) ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human Vitronectin (total) in plasma, serum, cell culture media and tissue extracts.
Tested Reactivity	Hu
Tested Application	ELISA
Target Name	Vitronectin
Conjugation	HRP
Conjugation Note	TMB substrate is used for color development at 450 nm.
Sample Type	Plasma, serum, cell culture media and tissue extracts
Standard Range	0.5 - 100 ng/ml
Alternate Names	Vitronectin; V75; VN; Serum-spreading factor; S-protein; VNT

Application Instructions

Properties

Form	96 well
Storage instruction	Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

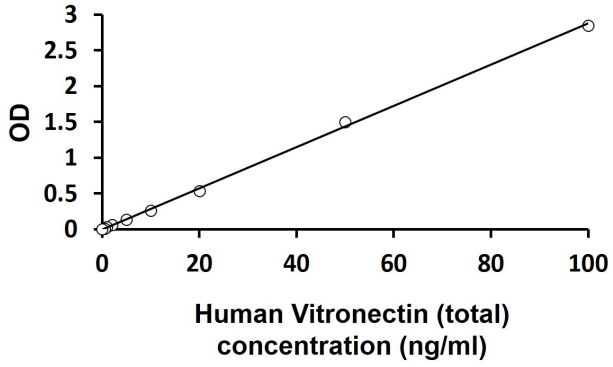
Database links	GeneID: 7448 Human Swiss-port # P04004 Human
Gene Symbol	VTN
Gene Full Name	vitronectin
Background	The protein encoded by this gene is a member of the pexin family. It is found in serum and tissues and promotes cell adhesion and spreading, inhibits the membrane-damaging effect of the terminal cytolytic complement pathway, and binds to several serpin serine protease inhibitors. It is a secreted protein and exists in either a single chain form or a clipped, two chain form held together by a disulfide bond. [provided by RefSeq, Jul 2008]
Function	Vitronectin is a cell adhesion and spreading factor found in serum and tissues. Vitronectin interact with glycosaminoglycans and proteoglycans. Is recognized by certain members of the integrin family and serves as a cell-to-substrate adhesion molecule. Inhibitor of the membrane-damaging effect of the terminal cytolytic complement pathway.

Somatomedin-B is a growth hormone-dependent serum factor with protease-inhibiting activity.
[UniProt]

Resrarch Area

Cell Biology and Cellular Response kit; Immune System kit

Images



ARG81076 Human Vitronectin (total) ELISA Kit standard curve image

ARG81076 Human Vitronectin (total) ELISA Kit results of a typical standard run with optical density reading at 450 nm.