

General vitronectin total antigen assay ELISA Kit | VTN elisa kit

Mouse vitronectin total antigen assay ELISA Kit

CATALOG #
AAA37756

REACTIVITY
General

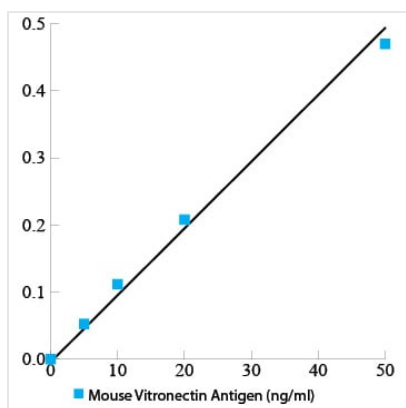
PRODUCT SYNONYMS

vitronectin total antigen assay; Mouse vitronectin total antigen assay ELISA Kit; VTN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	General
Form/Format	Complete Kit
Sequence Length	478
Samples	Biological fluids
Intra-assay Precision	These studies are currently in progress. Please contact us for more information.
Inter-assay Precision	These studies are currently in progress. Please contact us for more information.
Intended Uses	This mouse vitronectin total antigen assay is for the quantitative determination of total vitronectin antigen in biological fluids. For research use only.
Preparation and Storage	Store at 4 degree C. Shelf Life: 6 months from manufacture, see label for expiration date

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for VTN elisa kit	Principle of the Assay: Mouse vitronectin will bind to the affinity purified capture antibody coated on the microtiter plate. Free and ligand bound enzyme will react with the antibody on the plate. After appropriate washing steps, biotinylated anti-mouse vitronectin primary antibody binds to the captured protein. Excess antibody is washed away and bound polyclonal antibody is reacted with peroxidase conjugated streptavidin. Following an additional washing step, TMB substrate is used for color development at 450nm. A standard calibration curve is prepared along with the samples to be measured using dilutions of mouse vitronectin. The amount of color development is directly proportional to the concentration of total vitronectin in the sample. Background: Vitronectin is an abundant plasma glycoprotein that helps regulate coagulation, fibrinolysis, complement activation, and cell adhesion [1,3,7]. Vitronectin binds to glycosaminoglycans, collagen, plasminogen and urokinase receptors. It also may control the clearance of vascular thrombi by binding and stabilizing PAI-1. In binding PAI-1, it extends the lifetime of active PAI-1 [4,5]. Vitronectin may also be involved in the regulation of bone metabolism [2].
Product Categories/Family for VTN elisa kit	Vitronectin; Mouse Vitronectin ELISA Kit

NCBI AND UNIPROT INFORMATION

NCBI GI #	6755987
NCBI GeneID	22370
NCBI Accession #	NP_035837.1
NCBI GenBank Nucleotide #	NM_011707.2
UniProt Accession #	P29788; Q5SYG4; Q8VII4; Q91X32; Q9D080
Molecular Weight	54,849 Da
NCBI Official Full Name	vitronectin
NCBI Official Synonym Full Names	vitronectin
NCBI Official Symbol	Vtn
NCBI Official Synonym Symbols	Vn; AI256434
NCBI Protein Information	vitronectin; S-protein; serum-spreading factor
UniProt Protein Name	Vitronectin
UniProt Gene Name	Vtn
UniProt Synonym Gene Names	VN
UniProt Entry Name	VTNC_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/vtn-general-elisa-kits/vitronectin-total-antigen-assay/37756>