

Human Vitronectin ELISA Kit | VTN elisa kit

Human Vitronectin ELISA Kit

CATALOG #
AAA100129

REACTIVITY
Human

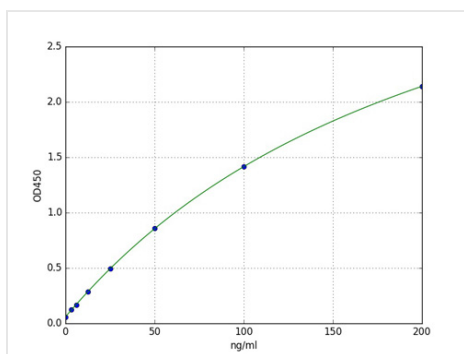
PRODUCT SYNONYMS

Vitronectin; Human Vitronectin ELISA Kit; VTN (Vitronectin)/VN/VNT/Complement S-protein/Serum Spreading Factor/Somatomedin B/epibolin/Serum-spreading factor/somatomedin B/S-protein/V75; VTN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	478
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	9.375-600ng/ml
Sensitivity	5.625ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a VTN ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	3.125	6.25	12.5	25	50	100	200
Y	OD450	0.039	0.091	0.132	0.198	0.376	0.629	1.225	2.164

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for VTN elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-VTN antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-VTN antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the VTN amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of VTN can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	88853069
NCBI GeneID	7448
NCBI Accession #	NP_000629.3
NCBI GenBank Nucleotide #	NM_000638.3
Molecular Weight	54,306 Da
NCBI Official Full Name	vitronectin
NCBI Official Synonym Full Names	vitronectin
NCBI Official Symbol	VTN
NCBI Official Synonym Symbols	VN; V75; VNT
NCBI Protein Information	vitronectin
UniProt Protein Name	Vitronectin
UniProt Gene Name	VTN
UniProt Synonym Gene Names	VN
UniProt Entry Name	VTNC_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/vtn-human-elisa-kits/vitronectin/100129>