

Human Vitronectin (VTN) ELISA Kit | VTN elisa kit

Human Vitronectin (VTN) ELISA Kit

CATALOG #
AAA85004

REACTIVITY
Human

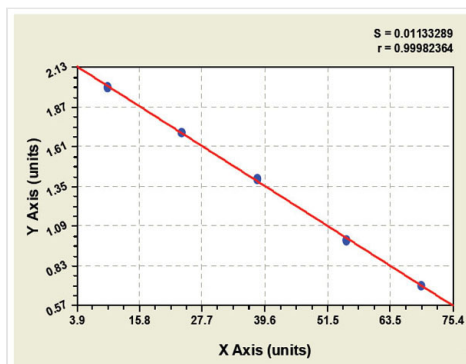
PRODUCT SYNONYMS

Vitronectin (VTN); Human Vitronectin (VTN) ELISA Kit; VTN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	10-250ng/mL
Sensitivity	1.0ng/mL
Intended Uses	This VTN ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human VTN. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for VTN elisa kit

Principle of the assay: VTN ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-VTN antibody and an VTN-HRP conjugate. The assay sample and buffer are incubated together with VTN-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the VTN concentration since VTN from samples and VTN-HRP conjugate compete for the anti-VTN antibody binding site. Since the number of sites is limited, as more sites are occupied by VTN from the sample, fewer sites are left to bind VTN-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The VTN concentration in each sample is interpolated from this standard curve.

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; epibolin; S-protein; somatomedin B; complement S-protein; serum spreading factor; serum-spreading factor
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/human-elisa-kits/vitronectin-vtn/85004>