

Human vitronectin ELISA Kit | VTN elisa kit

Human vitronectin, VTN ELISA Kit

CATALOG #
AAA15489

REACTIVITY
Human

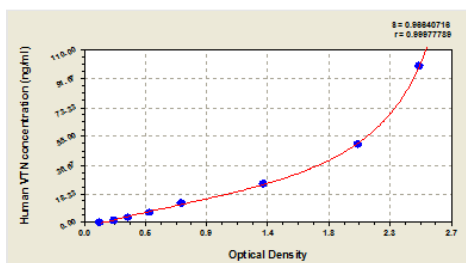
PRODUCT SYNONYMS

vitronectin; Human vitronectin; VTN ELISA Kit; Human vitronectin (VTN) ELISA Kit; V75; VN; VNT; complement S-protein; epibolin; serum spreading factor; somatomedin B; vitronectin (serum spreading factor; complement S-protein) ; VTN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human VTN. No significant cross-reactivity or interference between human VTN and analogues was observed.
Sequence Length	478
Samples	Serum, plasma, tissue homogenates
Detection Range	1.56 ng/ml -100 ng/mL
Sensitivity	<0.39 ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for VTN elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for VTN has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any VTN present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for VTN is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of VTN bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	88853069
NCBI GeneID	7448
NCBI Accession #	NP_000629.3
NCBI GenBank Nucleotide #	NM_000638.3
UniProt Accession #	P04004; P01141; Q9BSH7; B2R7G0
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.

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Online datasheet: <https://www.aaabiotech.com/vtn-human-elisa-kits/vitronectin/15489>