

Human vanin 1 ELISA Kit | VNN1 elisa kit

Human Pantetheinase, VNN1 ELISA Kit

CATALOG #
AAA112475

REACTIVITY
Human

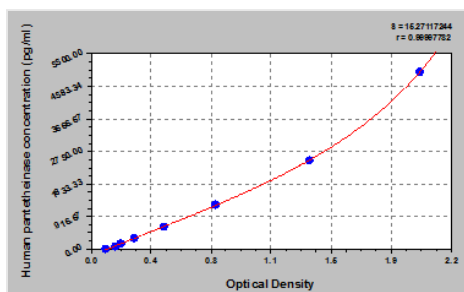
PRODUCT SYNONYMS

vanin 1; Human Pantetheinase; VNN1 ELISA Kit; Human Pantetheinase (VNN1) ELISA kit; HDLCQ8; MGC116930; MGC116931; MGC116932; MGC116933; Tiff66; pantetheinase; vannin 1; VNN1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human VNN1. No significant cross-reactivity or interference between Human VNN1 and analogues was observed.
Sequence Length	513
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	78 pg/ml-5000 pg/ml
Sensitivity	19.5 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
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 VNN1 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for pantetheinase has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any pantetheinase present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for pantetheinase 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 pantetheinase bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	223633991
NCBI GeneID	8876
NCBI Accession #	NP_004657.2
NCBI GenBank Nucleotide #	NM_004666.2
UniProt Accession #	O95497; Q4JFW6; Q4VAS7; Q4VAS8; Q4VAS9; Q9UF16; Q9UJF4; A8K310
Molecular Weight	57,012 Da
NCBI Official Full Name	pantetheinase
NCBI Official Synonym Full Names	vanin 1
NCBI Official Symbol	VNN1
NCBI Official Synonym Symbols	HDLCQ8; Tiff66
NCBI Protein Information	pantetheinase; vanin-1; vannin 1; pantetheine hydrolase; vascular non-inflammatory molecule 1
UniProt Protein Name	Pantetheinase
UniProt Gene Name	VNN1
UniProt Synonym Gene Names	Vanin-1
UniProt Entry Name	VNN1_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://stage.aaabiotech.com/vnn1-human-elisa-kits/vanin-1/112475>