

Mouse Vanin 3 (VNN3) ELISA Kit | VNN3 elisa kit

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CATALOG #
AAA186418

REACTIVITY
Mouse

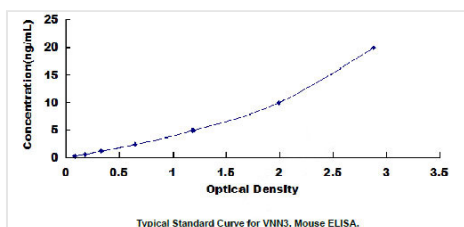
PRODUCT SYNONYMS

Vanin 3 (VNN3); Mouse Vanin 3 (VNN3) ELISA Kit; Vascular non-inflammatory molecule 3; VNN3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of VNN3. No significant cross-reactivity or interference between VNN3 and analogues was observed.
Sequence Length	117
Samples	Mouse serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	<0.114ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level VNN3 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level VNN3 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for VNN3 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of VNN3 in mouse serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids. Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to VNN3. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to VNN3. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain VNN3, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of VNN3 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	115527227
NCBI GeneID	55350
Molecular Weight	18,201 Da
NCBI Official Full Name	Vanin 3
NCBI Official Synonym Full Names	vanin 3
NCBI Official Symbol	VNN3
NCBI Official Synonym Symbols	HSA238982
NCBI Protein Information	vascular non-inflammatory molecule 3
UniProt Protein Name	Vascular non-inflammatory molecule 3
UniProt Gene Name	VNN3
UniProt Synonym Gene Names	Vanin-3

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/mouse-elisa-kits/vanin-3-vnn3/186418>