

Human Villin 1 (VIL1) ELISA Kit | VIL1 elisa kit

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CATALOG #
AAA246450

REACTIVITY
Human

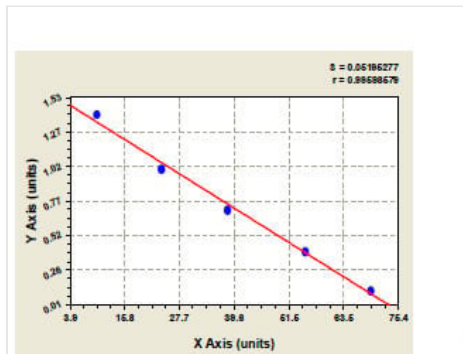
PRODUCT SYNONYMS

Villin 1 (VIL1); Human Villin 1 (VIL1) ELISA Kit; VIL1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



ADDITIONAL INFORMATION

Related Product Information for VIL1 elisa kit

Intended Uses: This VIL1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human VIL1. This ELISA kit for research use only!

Principle of the Assay: VIL1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a Polyclonal anti-VIL1 antibody and an VIL1-HRP conjugate. The assay sample and buffer are incubated together with VIL1-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 VIL1 concentration since VIL1 from samples and VIL1-HRP conjugate compete for the anti-VIL1 antibody binding site. Since the number of sites is limited, as more sites are occupied by VIL1 from the sample, fewer sites are left to bind VIL1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The VIL1 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	147898614
NCBI GeneID	380195
NCBI Accession #	NP_001080503.1
NCBI GenBank Nucleotide #	NM_001087034.1
NCBI Official Full Name	villin 1
NCBI Official Synonym Full Names	villin 1<
NCBI Official Symbol	vil1
NCBI Protein Information	villin 1

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/human-elisa-kits/villin-1-vil1/246450>