

Rabbit Transient receptor potential cation channel, subfamily V, member 1 ELISA Kit | TRPV1 elisa kit

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CATALOG #
AAA95432

REACTIVITY
Rabbit

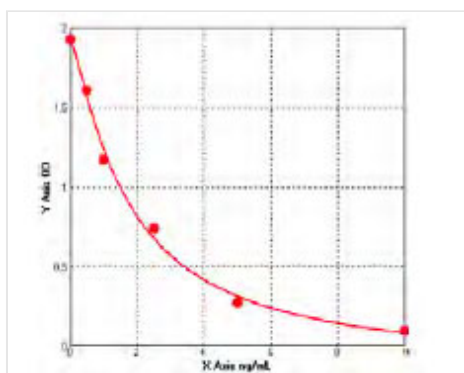
PRODUCT SYNONYMS

Transient receptor potential cation channel; subfamily V; member 1; Rabbit Transient receptor potential cation channel; member 1 ELISA Kit; TRPV1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 ug/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TRPV1 elisa kit

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

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	74315354
NCBI GeneID	7442
NCBI Accession #	NP_542437.2
NCBI GenBank Nucleotide #	NM_080706.3
Molecular Weight	94,956 Da
NCBI Official Full Name	transient receptor potential cation channel subfamily V member 1
NCBI Official Synonym Full Names	transient receptor potential cation channel, subfamily V, member 1
NCBI Official Symbol	TRPV1
NCBI Official Synonym Symbols	VR1
NCBI Protein Information	transient receptor potential cation channel subfamily V member 1; OTRPC1; capsaicin receptor; osm-9-like TRP channel 1; vanilloid receptor subtype 1; transient receptor potential vanilloid 1a; transient receptor potential vanilloid 1b
UniProt Protein Name	Transient receptor potential cation channel subfamily V member 1
UniProt Gene Name	TRPV1
UniProt Synonym Gene Names	VR1; TrpV1; OTRPC1
UniProt Entry Name	TRPV1_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/trpv1-rabbit-elisa-kits/transient-receptor-potential-cation-channel-subfamily-v-member-1/95432>