

Rat Transient receptor potential cation channel subfamily V member 1 ELISA Kit | Trpv1 elisa kit

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CATALOG # AAA99692	REACTIVITY Rat
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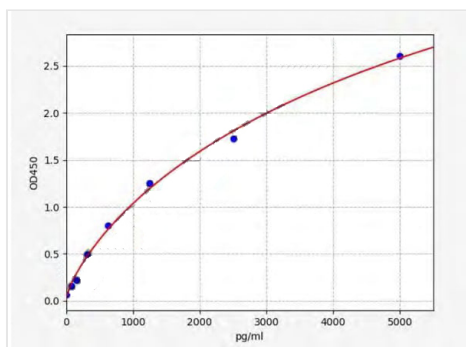
PRODUCT SYNONYMS

Transient receptor potential cation channel subfamily V member 1; Rat Transient receptor potential cation channel subfamily V member 1 ELISA Kit; Trpv1/Capsaicin Receptor/TRPV1/VR1/Capsaicin receptor/Osm-9-like TRP channel 1/OTRPC1/transient receptor potential cation channel subfamily V member 1/transient receptor potential cation channel; subfamily V; member 1/transient receptor potential vanilloid 1a/transient receptor potential vanilloid 1b/TrpV1/Vanilloid receptor 1/vanilloid receptor subtype 1/VR1/VR1DKFZp434K0220; Trpv1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Trpv1. No significant cross-reactivity or interference between Trpv1 and analogues was observed.
Sequence Length	839
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Trpv1 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	74315354
NCBI GeneID	7442
NCBI Accession #	NP_542437.2
NCBI GenBank Nucleotide #	NM_080706.3
Molecular Weight	94,211 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
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.