

Rat Transient Receptor Potential Cation Channel Subfamily V, Member 1 (TRPV1) ELISA Kit | TRPV1 elisa kit

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CATALOG # AAA121175	REACTIVITY Rat
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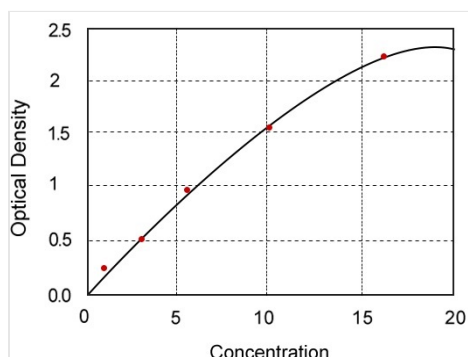
PRODUCT SYNONYMS

Transient Receptor Potential Cation Channel Subfamily V; Member 1 (TRPV1); Rat Transient Receptor Potential Cation Channel Subfamily V; Member 1 (TRPV1) ELISA Kit; TRPV1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	839
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	8ng/L - 1800ng/L
Sensitivity	4.13ng/L
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TRPV1 elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of rat Transient Receptor Potential Cation Channel Subfamily V Member 1 (also known as TRPV1) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates. Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with rat TRPV1 antibody. TRPV1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated rat TRPV1 Antibody is added and binds to TRPV1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated TRPV1 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of rat TRPV1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	74315350
NCBI GeneID	7442
NCBI Accession #	NP_061197.4
NCBI GenBank Nucleotide #	NM_018727.5
UniProt Accession #	Q8NER1; Q3LU47; Q9H0G9; Q9H303; Q9H304; Q9NQ74; Q9NY22; A2RUA9
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

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.