

Mouse Transient Receptor Potential Cation Channel Subfamily V Member 2 (TRPV2) ELISA Kit | TRPV2 elisa kit

Mouse Transient Receptor Potential Cation Channel Subfamily V Member 2 (TRPV2) ELISA Kit

CATALOG # AAA332067	REACTIVITY Mouse
-------------------------------	----------------------------

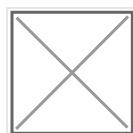
PRODUCT SYNONYMS

Transient Receptor Potential Cation Channel Subfamily V Member 2 (TRPV2); Mouse Transient Receptor Potential Cation Channel Subfamily V Member 2 (TRPV2) ELISA Kit; TRPV2; MGC12549; VRL; VRL-1; VRL1; vanilloid receptor-like protein 1; TRPV2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Mouse Transient receptor potential cation channel subfamily V member 2 (TRPV2) ELISA Kit has high sensitivity and excellent specificity for detection of Mouse TRPV2. No significant cross-reactivity or interference between Mouse TRPV2 and analogues was observed.
Sequence Length	756
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Mouse transient receptor potential cation channel subfamily V member 2 (TRPV2) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for TRPV2 elisa kit	Description: This Mouse Transient receptor potential cation channel subfamily V member 2 (TRPV2) ELISA Kit employs a two-site sandwich ELISA to quantitate TRPV2 in samples. An antibody specific for TRPV2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TRPV2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TRPV2 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of TRPV2 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: TRPV2 encodes an ion channel that is activated by high temperatures above 52 degree C. The protein may be involved in transduction of high-temperature heat responses in sensory ganglia. It is thought that in other tissues the channel may be activated by stimuli other than heat. TRPV2 is activated by high temperatures above 52 degree C. Alternatively it can be activated at lower temperatures by chemicals, such as the research tool 2-APB, the plant cannabinoid cannabidiol, and probenecid. It is blocked by ruthenium red and lanthanum. TRPV2 was independently discovered by two research groups and described in 1999. It was identified in the lab of David Julius as a close homolog of TRPV1, the first identified thermosensitive ion channel.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	134053865
NCBI GeneID	22368
NCBI Accession #	NP_035836.2
NCBI GenBank Nucleotide #	NP_035836.2
UniProt Accession #	Q9WTR1
NCBI Official Full Name	transient receptor potential cation channel subfamily V member 2
NCBI Official Synonym Full Names	transient receptor potential cation channel, subfamily V, member 2
NCBI Official Symbol	Trpv2
NCBI Official Synonym Symbols	GRC; Vrl1; VRL-1; OTRPC2
NCBI Protein Information	transient receptor potential cation channel subfamily V member 2
UniProt Protein Name	Transient receptor potential cation channel subfamily V member 2
UniProt Gene Name	Trpv2
UniProt Synonym Gene Names	Grc; TrpV2; GRC; OTRPC2

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/transient-receptor-potential-cation-channel-subfamily-v-member-2-trpv2/332067>