

Mouse Taste Receptor Type 2 Member 38 (TAS2R38) ELISA Kit | TAS2R38 elisa kit

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CATALOG #
AAA332367

REACTIVITY
Mouse

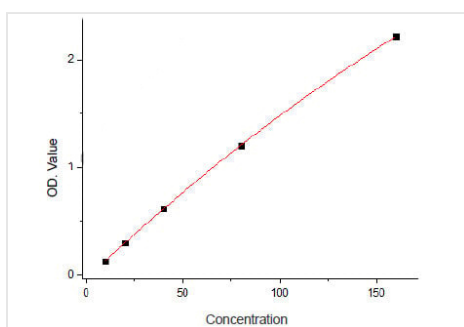
PRODUCT SYNONYMS

Taste Receptor Type 2 Member 38 (TAS2R38); Mouse Taste Receptor Type 2 Member 38 (TAS2R38) ELISA Kit; TAS2R38; tcag7.360; PTC; T2R61; TAS2R38 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	331
Assay Type	Sandwich
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TAS2R38 elisa kit

Principle of the Assay: Mouse Taste Receptor Type 2 Member 38 (TAS2R38) ELISA Kit employs a two-site sandwich ELISA to quantitate TAS2R38 in samples. An antibody specific for TAS2R38 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TAS2R38 present is bound by the immobilized antibody. After removing any unbound substances, HRP-Conjugated Mouse TAS2R38 detection antibody is added to the wells. Following a wash to remove any unbound HRP reagent, a Chromogen solution is added to the wells and color develops in proportion to the amount of TAS2R38 bound in the initial step. The color development is stopped and the intensity of the color is measured.

Background/Introduction: TAS2R38 encodes a seven-transmembrane G protein-coupled receptor that controls the ability to taste glucosinolates, a family of bitter-tasting compounds found in plants of the Brassica sp. Synthetic compounds phenylthiocarbamide (PTC) and 6-n-propylthiouracil (PROP) have been identified as ligands for this receptor and have been used to test the genetic diversity of this gene. Although several allelic forms of this gene have been identified worldwide, there are two predominant common forms (taster and non-taster) found outside of Africa.

NCBI AND UNIPROT INFORMATION

NCBI GI # [47824876](#)

NCBI GeneID	387513
NCBI Accession #	NP_001001451.1
NCBI GenBank Nucleotide #	NP_001001451.1
UniProt Accession #	Q7TQA6
NCBI Official Full Name	taste receptor type 2 member 38
NCBI Official Synonym Full Names	taste receptor, type 2, member 138
NCBI Official Symbol	Tas2r138
NCBI Official Synonym Symbols	T2R38; T2R138; mt2r31; Tas2r38
NCBI Protein Information	taste receptor type 2 member 38
UniProt Protein Name	Taste receptor type 2 member 38
UniProt Gene Name	Tas2r38
UniProt Synonym Gene Names	T2r31; Tas2r138; T2R38
UniProt Entry Name	T2R38_MOUSE

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/mouse-elisa-kits/taste-receptor-type-2-member-38-tas2r38/332367>