

Mouse Taste Receptor Type 2 Member 4 (TAS2R4) ELISA Kit | TAS2R4 elisa kit

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CATALOG #
AAA332369

REACTIVITY
Mouse

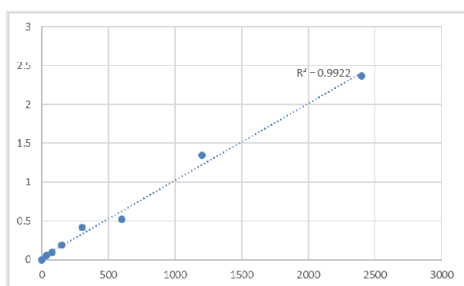
PRODUCT SYNONYMS

Taste Receptor Type 2 Member 4 (TAS2R4); Mouse Taste Receptor Type 2 Member 4 (TAS2R4) ELISA Kit; TAS2R4; MGC163311; T2R4; candidate taste receptor T2R4; taste receptor T2R4; TAS2R4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Mouse Taste receptor type 2 member 4 (TAS2R4) ELISA Kit has high sensitivity and excellent specificity for detection of Mouse TAS2R4. No significant cross-reactivity or interference between Mouse TAS2R4 and analogues was observed.
Sequence Length	297
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 Taste receptor type 2 member 4 (TAS2R4) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for TAS2R4 elisa kit	Description: This Mouse Taste receptor type 2 member 4 (TAS2R4) ELISA Kit employs a two-site sandwich ELISA to quantitate TAS2R4 in samples. An antibody specific for TAS2R4 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TAS2R4 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TAS2R4 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 TAS2R4 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: TAS2R4 encodes a member of a family of candidate taste receptors that are members of the G protein-coupled receptor superfamily and that are specifically expressed by taste receptor cells of the tongue and palate epithelia. These apparently intronless genes encode a 7-transmembrane receptor protein, functioning as a bitter taste receptor. TAS2R4 is clustered with another 3 candidate taste receptor genes in chromosome 7 and is genetically linked to loci that influence bitter perception.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	10048428
NCBI GeneID	57253
NCBI Accession #	NP_065248.1
NCBI GenBank Nucleotide #	NP_065248.1
UniProt Accession #	Q9JKT3
NCBI Official Full Name	taste receptor type 2 member 4
NCBI Official Synonym Full Names	taste receptor, type 2, member 108
NCBI Official Symbol	Tas2r108
NCBI Official Synonym Symbols	T2r8; mGR08; mt2r8; T2R108; Tas2r4; Tas2r8
NCBI Protein Information	taste receptor type 2 member 4
UniProt Protein Name	Taste receptor type 2 member 4
UniProt Gene Name	Tas2r4
UniProt Synonym Gene Names	Tas2r108; Tas2r8; T2R4; T2R8
UniProt Entry Name	TA2R4_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.