

Mouse Taste Receptor Type 2 Member 40 (TAS2R40) ELISA Kit | TAS2R40 elisa kit

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CATALOG #
AAA332370

REACTIVITY
Mouse

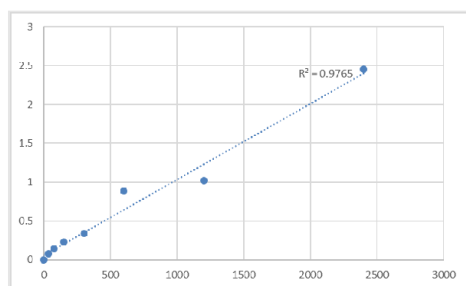
PRODUCT SYNONYMS

Taste Receptor Type 2 Member 40 (TAS2R40); Mouse Taste Receptor Type 2 Member 40 (TAS2R40) ELISA Kit; TAS2R40; GPR60; MGC126844; MGC126846; T2R40; G protein-coupled receptor 60; TAS2R40 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Mouse Taste receptor type 2 member 40 (TAS2R40) ELISA Kit has high sensitivity and excellent specificity for detection of Mouse TAS2R40. No significant cross-reactivity or interference between Mouse TAS2R40 and analogues was observed.
Sequence Length	319
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 40 (TAS2R40) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for TAS2R40 elisa kit	Description: This Mouse Taste receptor type 2 member 40 (TAS2R40) ELISA Kit employs a two-site sandwich ELISA to quantitate TAS2R40 in samples. An antibody specific for TAS2R40 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TAS2R40 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TAS2R40 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 TAS2R40 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: TAS2R40 (Taste 2 Receptor Member 40) is a Protein Coding gene. Among its related pathways are Signaling by GPCR and Peptide ligand-binding receptors. GO annotations related to this gene include G-protein coupled receptor activity and bitter taste receptor activity. An important paralog of this gene is TAS2R39. Gustducin-coupled receptor implicated in the perception of bitter compounds in the oral cavity and the gastrointestinal tract. Signals through PLCB2 and the calcium-regulated cation channel TRPM5.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	47824893
NCBI GeneID	387515
NCBI Accession #	NP_001001453.1
NCBI GenBank Nucleotide #	NP_001001453.1
UniProt Accession #	Q7TQB8
NCBI Official Full Name	taste receptor type 2 member 40
NCBI Official Synonym Full Names	taste receptor, type 2, member 144
NCBI Official Symbol	Tas2r144
NCBI Official Synonym Symbols	mt2r33; Tas2r40; Tas2r44
NCBI Protein Information	taste receptor type 2 member 40
UniProt Protein Name	Taste receptor type 2 member 40
UniProt Gene Name	Tas2r40
UniProt Synonym Gene Names	T2r33; Tas2r144; Tas2r44; T2R40; mT2R33
UniProt Entry Name	T2R40_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/taste-receptor-type-2-member-40-tas2r40/332370>