

Mouse Taste Receptor Type 2 Member 39 (TAS2R39) ELISA Kit | TAS2R39 elisa kit

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CATALOG #
AAA332368

REACTIVITY
Mouse

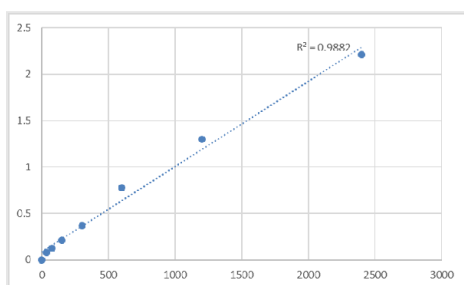
PRODUCT SYNONYMS

Taste Receptor Type 2 Member 39 (TAS2R39); Mouse Taste Receptor Type 2 Member 39 (TAS2R39) ELISA Kit; TAS2R39 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Mouse Taste receptor type 2 member 39 (TAS2R39) ELISA Kit has high sensitivity and excellent specificity for detection of Mouse TAS2R39. No significant cross-reactivity or interference between Mouse TAS2R39 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 39 (TAS2R39) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for TAS2R39 elisa kit	Description: This Mouse Taste receptor type 2 member 39 (TAS2R39) ELISA Kit employs a two-site sandwich ELISA to quantitate TAS2R39 in samples. An antibody specific for TAS2R39 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TAS2R39 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TAS2R39 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 TAS2R39 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: The protein encoded by TAS2R39 is a bitter taste receptor that detects green tea catechins, soy isoflavones, and theaflavins. The encoded protein is gustducin-linked and may activate alpha gustducin. TAS2R39 is intronless.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	31044479
NCBI GeneID	353148
NCBI Accession #	NP_851792.1
NCBI GenBank Nucleotide #	NP_851792.1
UniProt Accession #	Q7TQA5
NCBI Official Full Name	taste receptor type 2 member 39
NCBI Official Synonym Full Names	taste receptor, type 2, member 139
NCBI Official Symbol	Tas2r139
NCBI Official Synonym Symbols	mt2r34; Tas2r39
NCBI Protein Information	taste receptor type 2 member 39
UniProt Protein Name	Taste receptor type 2 member 39
UniProt Gene Name	Tas2r39
UniProt Synonym Gene Names	T2r34; Tas2r139; T2R39; mT2R34
UniProt Entry Name	T2R39_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-39-tas2r39/332368>