

Human Taste Receptor Type 2 Member 42 (TAS2R42) ELISA Kit | TAS2R42 elisa kit

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CATALOG #
AAA330715

REACTIVITY
Human

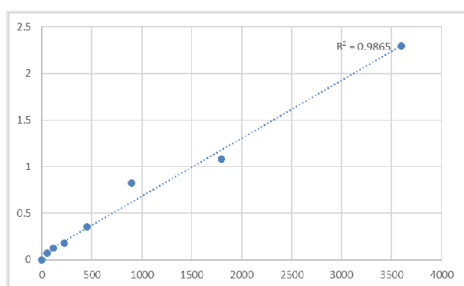
PRODUCT SYNONYMS

Taste Receptor Type 2 Member 42 (TAS2R42); Human Taste Receptor Type 2 Member 42 (TAS2R42) ELISA Kit; TAS2R42; T2R24; T2R55; hT2R55; candidate taste receptor hT2R55; taste receptor T2R55; TAS2R42 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Taste receptor type 2 member 42 (TAS2R42) ELISA Kit has high sensitivity and excellent specificity for detection of Human TAS2R42. No significant cross-reactivity or interference between Human TAS2R42 and analogues was observed.
Sequence Length	314
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. Human Taste receptor type 2 member 42 (TAS2R42) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for TAS2R42 elisa kit	Description: This Human Taste receptor type 2 member 42 (TAS2R42) ELISA Kit employs a two-site sandwich ELISA to quantitate TAS2R42 in samples. An antibody specific for TAS2R42 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TAS2R42 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TAS2R42 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 TAS2R42 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Taste receptor type 2 member 42 (TAS2R42) is a receptor that may play a role in the perception of bitterness and is gustducin-linked. It may play a role in sensing the chemical composition of the gastrointestinal content. The activity of this receptor may stimulate alpha gustducin, mediate PLC-beta-2 activation and lead to the gating of TRPM5
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NCBI AND UNIPROT INFORMATION

NCBI GI #	55976719
NCBI GeneID	353164
UniProt Accession #	Q7RTR8
NCBI Official Full Name	Taste receptor type 2 member 42
NCBI Official Synonym Full Names	taste 2 receptor member 42
NCBI Official Symbol	TAS2R42
NCBI Official Synonym Symbols	T2R24; T2R42; T2R55; TAS2R55
NCBI Protein Information	taste receptor type 2 member 42
UniProt Protein Name	Taste receptor type 2 member 42
UniProt Gene Name	TAS2R42
UniProt Synonym Gene Names	TAS2R55; T2R42; T2R55
UniProt Entry Name	T2R42_HUMAN

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/human-elisa-kits/taste-receptor-type-2-member-42-tas2r42/330715>