

Human Taste Receptor Type 2 Member 30 (TAS2R30) ELISA Kit | TAS2R30 elisa kit

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CATALOG #
AAA330708

REACTIVITY
Human

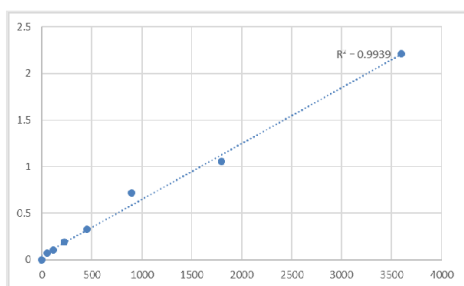
PRODUCT SYNONYMS

Taste Receptor Type 2 Member 30 (TAS2R30); Human Taste Receptor Type 2 Member 30 (TAS2R30) ELISA Kit; TAS2R30; T2R30; TAS2R47; taste receptor T2R47; taste receptor; type 2; member 47; type 2 taste receptor member 30; type 2 taste receptor member 47; TAS2R30 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Taste receptor type 2 member 30 (TAS2R30) ELISA Kit has high sensitivity and excellent specificity for detection of Human TAS2R30. No significant cross-reactivity or interference between Human TAS2R30 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. Human Taste receptor type 2 member 30 (TAS2R30) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for TAS2R30 elisa kit	Description: This Human Taste receptor type 2 member 30 (TAS2R30) ELISA Kit employs a two-site sandwich ELISA to quantitate TAS2R30 in samples. An antibody specific for TAS2R30 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TAS2R30 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TAS2R30 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 TAS2R30 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Taste receptor type 2 member 30 (TAS2R30) 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 #	148235367
NCBI GeneID	259293
NCBI Accession #	NP_001091112.1
NCBI GenBank Nucleotide #	NP_001091112.1
UniProt Accession #	P59541
NCBI Official Full Name	taste receptor type 2 member 30
NCBI Official Synonym Full Names	taste 2 receptor member 30
NCBI Official Symbol	TAS2R30
NCBI Official Synonym Symbols	T2R30; T2R47; TAS2R47
NCBI Protein Information	taste receptor type 2 member 30
UniProt Protein Name	Taste receptor type 2 member 30
UniProt Gene Name	TAS2R30
UniProt Synonym Gene Names	TAS2R47; T2R30; T2R47
UniProt Entry Name	T2R30_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-30-tas2r30/330708>