

Human Taste Receptor Type 1 Member 3 (TAS1R3) ELISA Kit | TAS1R3 elisa kit

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CATALOG #
AAA330698

REACTIVITY
Human

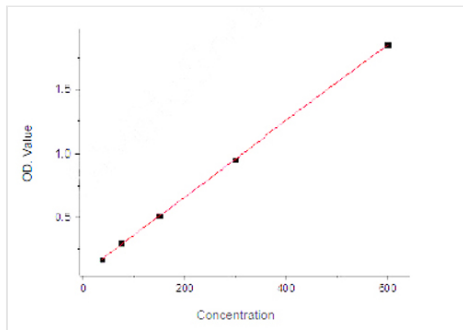
PRODUCT SYNONYMS

Taste Receptor Type 1 Member 3 (TAS1R3); Human Taste Receptor Type 1 Member 3 (TAS1R3) ELISA Kit; TAS1R3; T1R3; TAS1R3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	852
Assay Type	Sandwich
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TAS1R3 elisa kit

Principle of the Assay: Human Taste Receptor Type 1 Member 3 (TAS1R3) ELISA Kit employs a two-site sandwich ELISA to quantitate TAS1R3 in samples. An antibody specific for TAS1R3 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TAS1R3 present is bound by the immobilized antibody. After removing any unbound substances, HRP-Conjugated Human TAS1R3 detection antibody is added to the wells. Following a wash to remove any unbound HRP reagent, a Chromogen solution is added to the wells and color develops in proportion to the amount of TAS1R3 bound in the initial step. The color development is stopped and the intensity of the color is measured.

Background/Introduction: Taste receptor type 1 member 3 (TAS1R3) is a G-protein coupled receptor involved in taste responses. TAS1R3 can form a heterodimeric receptor with TAS1R1 to elicit the umami taste response, or it can bind with TAS1R2 to form a receptor for the sweet taste response.

NCBI AND UNIPROT INFORMATION

NCBI GI #	91206396
NCBI GeneID	83756
NCBI Accession #	NP_689414.1

NCBI GenBank Nucleotide #	NP_689414.1
UniProt Accession #	Q7RTX0
NCBI Official Full Name	taste receptor type 1 member 3
NCBI Official Synonym Full Names	taste 1 receptor member 3
NCBI Official Symbol	TAS1R3
NCBI Official Synonym Symbols	T1R3
NCBI Protein Information	taste receptor type 1 member 3
UniProt Protein Name	Taste receptor type 1 member 3
UniProt Gene Name	TAS1R3
UniProt Synonym Gene Names	T1R3; TR3
UniProt Entry Name	TS1R3_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-1-member-3-tas1r3/330698>