

Human Taste receptor type 2 member 38 ELISA Kit | TAS2R38 elisa kit

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CATALOG #
AAA191242

REACTIVITY
Human

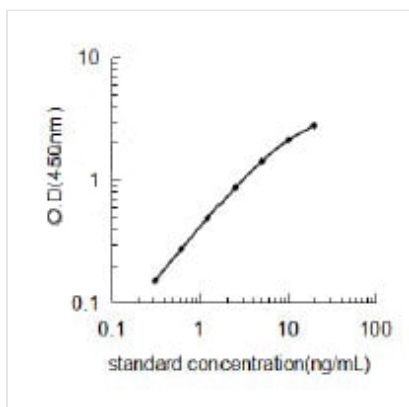
PRODUCT SYNONYMS

Taste receptor type 2 member 38; Human Taste receptor type 2 member 38 ELISA Kit; T2R38; PTC bitter taste receptor; Taste receptor type 2 member 61; T2R61; TAS2R38; PTC; TAS2R38 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Recombinant and natural Human Taste receptor type 2 member 38,T2R38
Sequence Length	333
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.312-20 ng/mL
Sensitivity	< 0.11 ng/mL
Intra-assay Precision	<=6.1%
Inter-assay Precision	<=9.9%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TAS2R38 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	261490645
NCBI GeneID	5726
NCBI Accession #	NP_789787.4
NCBI GenBank Nucleotide #	NM_176817.4
UniProt Accession #	P59533; P59552; Q2M3E8; Q645W3; Q86UK3; A4D1U6
Molecular Weight	37,892 Da
NCBI Official Full Name	taste receptor type 2 member 38
NCBI Official Synonym Full Names	taste 2 receptor member 38
NCBI Official Symbol	TAS2R38
NCBI Official Synonym Symbols	PTC; T2R38; T2R61
NCBI Protein Information	taste receptor type 2 member 38
UniProt Protein Name	Taste receptor type 2 member 38
UniProt Gene Name	TAS2R38
UniProt Synonym Gene Names	PTC; T2R38; T2R61
UniProt Entry Name	T2R38_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/tas2r38-human-elisa-kits/taste-receptor-type-2-member-38/191242>