

Human Taste Receptor Type 1 Member 2 (TAS1R2) RTU ELISA Kit | TAS1R2 rtu elisa kit

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CATALOG #
AAA219530

REACTIVITY
Human

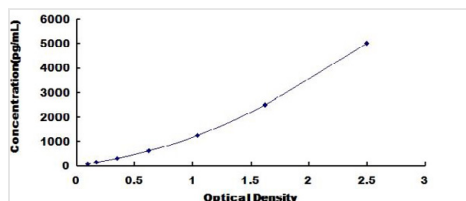
PRODUCT SYNONYMS

Taste Receptor Type 1 Member 2 (TAS1R2); Human Taste Receptor Type 1 Member 2 (TAS1R2) ELISA Kit; TR2; GPR71; T1R2; G Protein-Coupled Receptor 71; Sweet taste receptor T1R2; TAS1R2 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	839
Assay Type	Sandwich
Samples	Tissue Homogenates, Cell Lysates or Other Biological Fluids.
Detection Range	78.1-5000pg/mL
Sensitivity	27pg/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TAS1R2 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to TAS1R2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to TAS1R2. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain TAS1R2, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of TAS1R2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	112789566
NCBI GeneID	80834
NCBI Accession #	NP_689418.2
NCBI GenBank Nucleotide #	NM_152232.2
UniProt Accession #	Q8TE23; Q5TZ19
Molecular Weight	95,183 Da
NCBI Official Full Name	taste receptor type 1 member 2
NCBI Official Synonym Full Names	taste 1 receptor member 2
NCBI Official Symbol	TAS1R2
NCBI Official Synonym Symbols	TR2; T1R2; GPR71
NCBI Protein Information	taste receptor type 1 member 2
UniProt Protein Name	Taste receptor type 1 member 2
UniProt Gene Name	TAS1R2
UniProt Synonym Gene Names	GPR71; T1R2; TR2

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-rtu-elisa-kits/taste-receptor-type-1-member-2-tas1r2/219530>