

Human Trace Amine-Associated Receptor 2 (TAAR2) ELISA Kit | TAAR2 elisa kit

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CATALOG #
AAA330667

REACTIVITY
Human

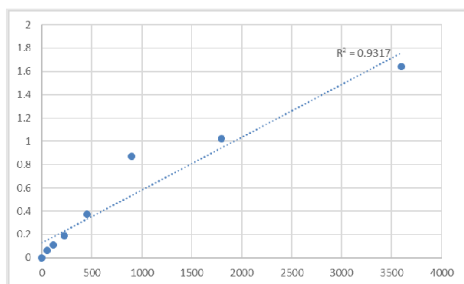
PRODUCT SYNONYMS

Trace Amine-Associated Receptor 2 (TAAR2); Human Trace Amine-Associated Receptor 2 (TAAR2) ELISA Kit; TAAR2; GPR58; G protein-coupled receptor 58; OTTHUMP00000017225; TAAR2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Trace amine-associated receptor 2 (TAAR2) ELISA Kit has high sensitivity and excellent specificity for detection of Human TAAR2. No significant cross-reactivity or interference between Human TAAR2 and analogues was observed.
Sequence Length	306
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 Trace amine-associated receptor 2 (TAAR2) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for TAAR2 elisa kit	Description: This Human Trace amine-associated receptor 2 (TAAR2) ELISA Kit employs a two-site sandwich ELISA to quantitate TAAR2 in samples. An antibody specific for TAAR2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TAAR2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TAAR2 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 TAAR2 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: TAAR2 (Trace Amine Associated Receptor 2) is a Protein Coding gene. Among its related pathways are Signaling by GPCR and Peptide ligand-binding receptors. GO annotations related to this gene include G-protein coupled receptor activity and trace-amine receptor activity. An important paralog of this gene is TAAR1. It's a orphan receptor.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	74275342
NCBI GeneID	9287
NCBI Accession #	NP_055441.2
NCBI GenBank Nucleotide #	NP_055441.2
UniProt Accession #	Q9P1P5
NCBI Official Full Name	trace amine-associated receptor 2 isoform 2
NCBI Official Synonym Full Names	trace amine associated receptor 2 (gene/pseudogene)
NCBI Official Symbol	TAAR2
NCBI Official Synonym Symbols	GPR58; taR-2
NCBI Protein Information	trace amine-associated receptor 2
UniProt Protein Name	Trace amine-associated receptor 2
UniProt Gene Name	TAAR2
UniProt Synonym Gene Names	GPR58; TaR-2; Trace amine receptor 2
UniProt Entry Name	TAAR2_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.