

Human Putative Trace Amine-Associated Receptor 3 (TAAR3) ELISA Kit | TAAR3 elisa kit

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CATALOG #
AAA330668

REACTIVITY
Human

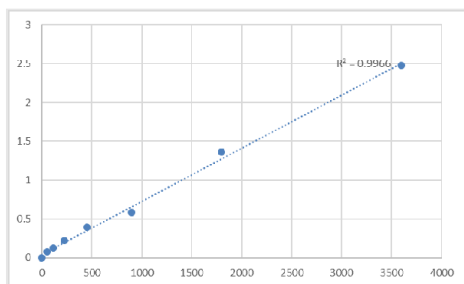
PRODUCT SYNONYMS

Putative Trace Amine-Associated Receptor 3 (TAAR3); Human Putative Trace Amine-Associated Receptor 3 (TAAR3) ELISA Kit; TAAR3; GPR57; GPR58; TAAR2; TAAR3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Putative trace amine-associated receptor 3 (TAAR3) ELISA Kit has high sensitivity and excellent specificity for detection of Human TAAR3. No significant cross-reactivity or interference between Human TAAR3 and analogues was observed.
Sequence Length	343
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 Putative trace amine-associated receptor 3 (TAAR3) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for TAAR3 elisa kit	Description: This Human Putative trace amine-associated receptor 3 (TAAR3) ELISA Kit employs a two-site sandwich ELISA to quantitate TAAR3 in samples. An antibody specific for TAAR3 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TAAR3 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TAAR3 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 TAAR3 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: TAAR3 (Trace Amine Associated Receptor 3 (Gene/Pseudogene)) 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. Trace Amine Associated Receptor 3 is probably mediated by the G(s)-class of G-proteins which activate adenylate cyclase
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NCBI AND UNIPROT INFORMATION

NCBI GI #	38257784
NCBI GeneID	9288
UniProt Accession #	Q9P1P4
NCBI Official Full Name	Putative trace amine-associated receptor 3
NCBI Official Synonym Full Names	trace amine associated receptor 3, pseudogene
NCBI Official Symbol	TAAR3P
NCBI Official Synonym Symbols	GPR57; GPR58; TAAR2; TAAR3
UniProt Protein Name	Putative trace amine-associated receptor 3
UniProt Gene Name	TAAR3
UniProt Synonym Gene Names	GPR57
UniProt Entry Name	TAAR3_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/putative-trace-amine-associated-receptor-3-taar3/330668>