

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

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CATALOG #
AAA332333

REACTIVITY
Mouse

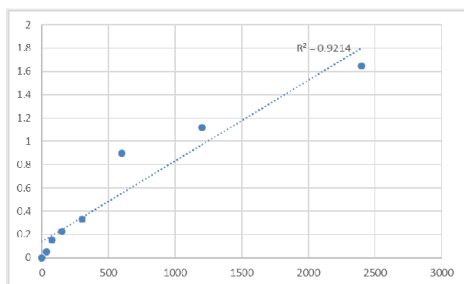
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

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

ADDITIONAL INFORMATION

Related Product Information for TAAR3 elisa kit	Description: This Mouse 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: Trace amine-associated receptors (TAARs), sometimes referred to as trace amine receptors (TAs or TARs), are a class of G protein-coupled receptors that were discovered in 2001. TAAR1, the first of six functional human TAARs, has gained considerable interest in academic and proprietary pharmaceutical research due to its unique role as the endogenous receptor for trace amines - which are trace metabolic derivatives of phenylalanine and tryptophan - and related psychostimulants, particularly amphetamine and methamphetamine. In 2004, it was shown that mammalian TAAR1 is also a receptor for thyronamines, which are decarboxylated and deiodinated metabolites of thyroid hormones. TAAR2-TAAR9 function as olfactory receptors for volatile amines in vertebrates.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	56606039
NCBI GeneID	493809
NCBI Accession #	NP_001008429.1
NCBI GenBank Nucleotide #	NP_001008429.1
UniProt Accession #	Q5QD16
NCBI Official Full Name	trace amine-associated receptor 3
NCBI Official Synonym Full Names	trace amine-associated receptor 3
NCBI Official Symbol	Taar3
NCBI Protein Information	trace amine-associated receptor 3
UniProt Protein Name	Trace amine-associated receptor 3
UniProt Gene Name	Taar3
UniProt Synonym Gene Names	TaR-3; Trace amine receptor 3; mTaar3
UniProt Entry Name	TAAR3_MOUSE

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/mouse-elisa-kits/putative-trace-amine-associated-receptor-3-taar3/332333>