

Mouse Trace Amine-Associated Receptor 5 (TAAR5) ELISA Kit | TAAR5 elisa kit

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CATALOG #
AAA332334

REACTIVITY
Mouse

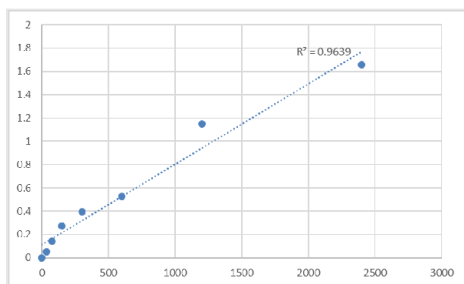
PRODUCT SYNONYMS

Trace Amine-Associated Receptor 5 (TAAR5); Mouse Trace Amine-Associated Receptor 5 (TAAR5) ELISA Kit; TAAR5; MGC138414; MGC138416; PNR; RP11-295F4.5; putative neurotransmitter receptor; TAAR5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Mouse Trace amine-associated receptor 5 (TAAR5) ELISA Kit has high sensitivity and excellent specificity for detection of Mouse TAAR5. No significant cross-reactivity or interference between Mouse TAAR5 and analogues was observed.
Sequence Length	337
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 Trace amine-associated receptor 5 (TAAR5) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for TAAR5 elisa kit	Description: This Mouse Trace amine-associated receptor 5 (TAAR5) ELISA Kit employs a two-site sandwich ELISA to quantitate TAAR5 in samples. An antibody specific for TAAR5 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TAAR5 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TAAR5 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 TAAR5 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Trace amine-associated receptor 5 is a protein that in humans is encoded by the TAAR5 gene. In vertebrates, TAAR5 is expressed in the olfactory epithelium. Human TAAR5 (hTAAR5) is a functional trace amine-associated receptor which acts as an olfactory receptor for tertiary amines. Trimethylamine and N,N-dimethylethylamine are full agonists of hTAAR5. The amber-woody fragrance timberol antagonizes this activity of trimethylamine. 3-Iodothyronamine is an inverse agonist of hTAAR5.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	57529083
NCBI GeneID	215854
NCBI Accession #	NP_001009574.1
NCBI GenBank Nucleotide #	NP_001009574.1
UniProt Accession #	Q5QD14
NCBI Official Full Name	trace amine-associated receptor 5
NCBI Official Synonym Full Names	trace amine-associated receptor 5
NCBI Official Symbol	Taar5
NCBI Official Synonym Symbols	Gm227; taR-5
NCBI Protein Information	trace amine-associated receptor 5
UniProt Protein Name	Trace amine-associated receptor 5
UniProt Gene Name	Taar5
UniProt Synonym Gene Names	Gm227; TaR-5; Trace amine receptor 5; mTaar5
UniProt Entry Name	TAAR5_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/trace-amine-associated-receptor-5-taar5/332334>