

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

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CATALOG #
AAA330669

REACTIVITY
Human

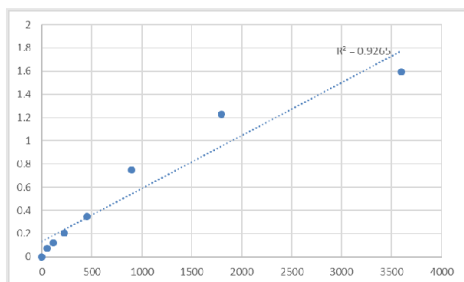
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Trace amine-associated receptor 5 (TAAR5) ELISA Kit has high sensitivity and excellent specificity for detection of Human TAAR5. No significant cross-reactivity or interference between Human TAAR5 and analogues was observed.
Sequence Length	337
Assay Type	Sandwich
Samples	Human serum, cell culture supernates and other biological fluids
Detection Range	0.5 ug/L - 8 ug/L
Sensitivity	< 0.05 ug/L
Intra-assay Precision	Four samples of known concentration were tested twenty times on one plate to assess intra-assay precision. The CV (%)?9%.
Inter-assay Precision	Three samples of known concentration were tested in twenty separate assays to assess inter-assay precision. Assays were performed by at least three technicians using two lots of components. The CV (%)?11%.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Trace amine-associated receptor 5 (TAAR5) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for TAAR5 elisa kit	Principle of the Assay: Human Trace amine-associated receptor 5 (TAAR5) ELISA Kit employs a two-site sandwich ELISA to quantitate TAAR5 in samples. An antibody specific for Human 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, HRP-Conjugated TAAR5 detection antibody is added to the wells. Following a wash to remove any unbound HRP reagent, a Chromogen 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	223633986
NCBI GeneID	9038
NCBI Accession #	NP_003958.2
NCBI GenBank Nucleotide #	NP_003958.2
UniProt Accession #	O14804
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	PNR
NCBI Protein Information	trace amine-associated receptor 5
UniProt Protein Name	Trace amine-associated receptor 5
UniProt Gene Name	TAAR5
UniProt Synonym Gene Names	PNR; TaR-5; Trace amine receptor 5; hTaar5
UniProt Entry Name	TAAR5_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/trace-amine-associated-receptor-5-taar5/330669>