

Mouse Tachykinin Receptor 2 ELISA Kit | TACR2 elisa kit

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CATALOG #
AAA98896

REACTIVITY
Mouse

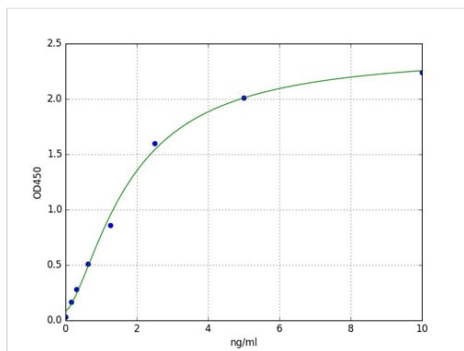
PRODUCT SYNONYMS

Tachykinin Receptor 2; Mouse Tachykinin Receptor 2 ELISA Kit; TACR2; TACR2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	398
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Mouse TACR2 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.011	0.086	0.183	0.411	0.536	0.940	1.665	2.321

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TACR2 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Mouse TACR2 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse TACR2 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Mouse TACR2 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse TACR2 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

32482011

NCBI GeneID	6865
Molecular Weight	44,442 Da
NCBI Official Full Name	tachykinin receptor 2
NCBI Official Synonym Full Names	tachykinin receptor 2
NCBI Official Symbol	TACR2
NCBI Official Synonym Symbols	SKR; NK2R; NKNAR; TAC2R
NCBI Protein Information	substance-K receptor
UniProt Protein Name	Substance-K receptor
UniProt Gene Name	TACR2
UniProt Synonym Gene Names	NK2R; NKNAR; TAC2R; SKR; NK-2R
UniProt Entry Name	NK2R_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/tacr2-mouse-elisa-kits/tachykinin-receptor-2/98896>