

Rat Tachykinin Receptor 1 ELISA Kit | TACR1 elisa kit

Rat Tachykinin Receptor 1 ELISA Kit

CATALOG #
AAA97819

REACTIVITY
Rat

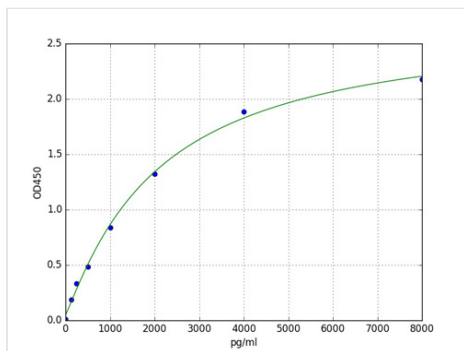
PRODUCT SYNONYMS

Tachykinin Receptor 1; Rat Tachykinin Receptor 1 ELISA Kit; TACR1/SPR/TAC1R/NK-1R/NK1Rneurokinin 1 receptor/NK1R/SPRsubstance-P receptor/TAC1Rtachykinin 1 receptor (substance P receptor; neurokinin 1 receptor)/tachykinin receptor 1 (substance P receptor/neurokinin-1 receptor)/tachykinin receptor 1NK-1 receptor; TACR1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	407
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	125-8000pg/ml
Sensitivity	75pg/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



Typical Data & Standard Curve

Results of a typical standard run of a Rat TACR1 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	pg/ml	0	125	250	500	1000	2000	4000	8000
Y	OD450	0.016	0.053	0.090	0.171	0.362	0.677	1.439	2.396

Standard Curve (Sample)

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TACR1 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Rat TACR1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat TACR1 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 Rat TACR1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat TACR1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	38565061
NCBI GeneID	6869
Molecular Weight	35,713 Da
NCBI Official Full Name	tachykinin receptor 1
NCBI Official Synonym Full Names	tachykinin receptor 1
NCBI Official Symbol	TACR1
NCBI Official Synonym Symbols	SPR; NK1R; NKIR; TAC1R
NCBI Protein Information	substance-P receptor
UniProt Protein Name	Substance-P receptor
UniProt Gene Name	TACR1
UniProt Synonym Gene Names	NK1R; TAC1R; SPR; NK-1R
UniProt Entry Name	NK1R_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/tacr1-rat-elisa-kits/tachykinin-receptor-1/97819>