

Rat TACR1 ELISA Kit | TACR1 elisa kit

Rat TACR1 (Tachykinin Receptor 1) ELISA Kit

CATALOG #
AAA163750

REACTIVITY
Rat

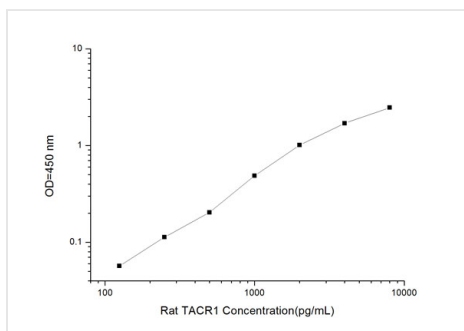
PRODUCT SYNONYMS

TACR1; Rat TACR1 (Tachykinin Receptor 1) ELISA Kit; TACR1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat TACR1. No significant cross-reactivity or interference between Rat TACR1 and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Rat TACR1 and all the analogues, therefore, cross reaction may still exist.
Sequence Length	406
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	125-8000pg/mL
Sensitivity	Min: 75pg/mL; Max: 8000pg/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TACR1 elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of TACR1 in Rat serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Rat TACR1. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Rat TACR1 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Rat TACR1, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Rat TACR1. You can calculate the concentration of Rat TACR1 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	66267371
NCBI GeneID	6869
UniProt Accession #	P25103; A8K150
Molecular Weight	35,713 Da
NCBI Official Full Name	TACR1 protein, partial
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; NK-1 receptor; NK-1R; tachykinin receptor 1 (substance P receptor; neurokinin-1 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.

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Online datasheet: <https://www.aaabiotech.com/rat-elisa-kits/tacr1/163750>