

Rat substance P receptor, SP-R ELISA Kit | SP-R elisa kit

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CATALOG #
AAA41844

REACTIVITY
Rat

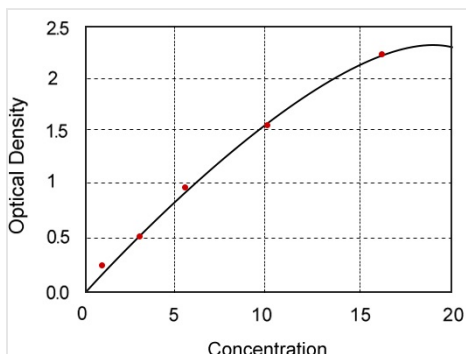
PRODUCT SYNONYMS

substance P receptor; SP-R; Rat substance P receptor; SP-R ELISA Kit; SP-R elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	407
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.5ng/ml - 150ng/ml
Sensitivity	0.32ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SP-R elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Substance P Receptor (also known as SP-R) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat SP-R antibody. SP-R present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat SP-R Antibody is added and binds to SP-R in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated SP-R antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Rat SP-R. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	338613
NCBI GeneID	6869
UniProt Accession #	P25103; A8K150
Molecular Weight	35,713 Da
NCBI Official Full Name	substance P receptor
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

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/rat-elisa-kits/substance-p-receptor-sp-r/41844>