

Human Substance P, SP ELISA Kit | SP elisa kit

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CATALOG #
AAA41884

REACTIVITY
Human

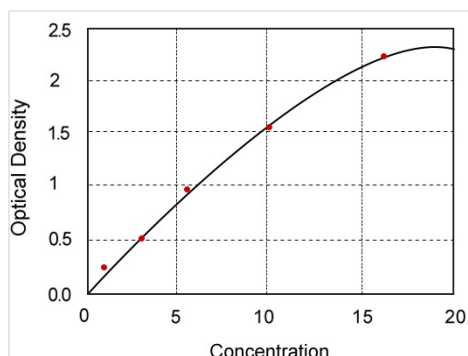
PRODUCT SYNONYMS

Substance P; SP; Human Substance P; SP ELISA Kit; SP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	97
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	5ng/L - 2000ng/L
Sensitivity	2.39ng/L
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 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Substance P (also known as SP) 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 human SP antibody. SP present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human SP Antibody is added and binds to SP in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated SP 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 human SP. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	56068
NCBI GeneID	24806
UniProt Accession #	P06767; P08856; P08857; P22356; Q6LD93
Molecular Weight	13,034 Da
NCBI Official Full Name	substance P
NCBI Official Synonym Full Names	tachykinin, precursor 1
NCBI Official Symbol	Tac1
NCBI Official Synonym Symbols	TAC; PPTA3; Ppt5fl; RATPPTA3
NCBI Protein Information	protachykinin-1
UniProt Protein Name	Protachykinin-1
UniProt Gene Name	Tac1
UniProt Synonym Gene Names	Nka; Nkna; Tac2; NKA; NPK

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/human-elisa-kits/substance-p-sp/41884>