

Rat Substance P, SP ELISA Kit | SP elisa kit

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CATALOG #
AAA15496

REACTIVITY
Rat

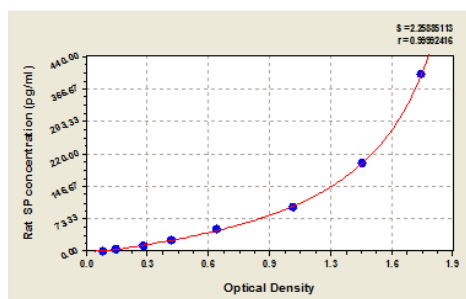
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat SP. No significant cross-reactivity or interference between rat SP and analogues was observed.
Sequence Length	49
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, tissue homogenates
Detection Range	6.25 pg/ml-400 pg/ml
Sensitivity	< 1.56 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SP elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for SP has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SP present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SP is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of SP bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	224037302
UniProt Accession #	D0PTV7
Molecular Weight	5,522 Da
NCBI Official Full Name	substance P, partial
UniProt Protein Name	Substance P
UniProt Entry Name	D0PTV7_CRYPR

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/rat-elisa-kits/substance-p-sp/15496>