

Mouse Substance P (SP) ELISA Kit | SP elisa kit

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CATALOG #
AAA332389

REACTIVITY
Mouse

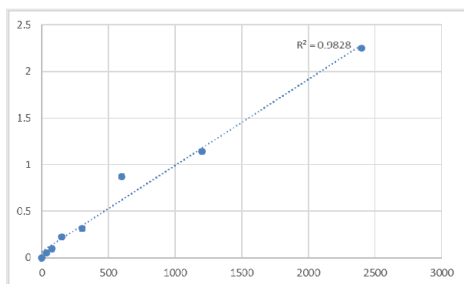
PRODUCT SYNONYMS

Substance P (SP); Mouse Substance P (SP) ELISA Kit; SP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Mouse Substance P (SP) ELISA Kit has high sensitivity and excellent specificity for detection of Mouse SP. No significant cross-reactivity or interference between Mouse SP and analogues was observed.
Sequence Length	49
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Mouse Substance P (SP) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for SP elisa kit	Description: This Mouse Substance P (SP) ELISA Kit employs a two-site sandwich ELISA to quantitate SP in samples. An 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, Streptavidin 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. Background: Substance P is a neuropeptide derived from preprotachinin. Substance P is widely distributed in the central and peripheral nervous system. In sensory ganglia, it is expressed by small sensory neurons and is transported to their central and peripheral terminals. The role of substance P in sensory transmission has been studied extensively, and its involvement in nociception and chronic pain is well established.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	224037302
NCBI Official Full Name	substance P, partial

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/mouse-elisa-kits/substance-p-sp/332389>