

Canine Delta Sleep-Inducing Peptide ELISA Kit | dSIP elisa kit

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CATALOG #
AAA91795

REACTIVITY
Canine

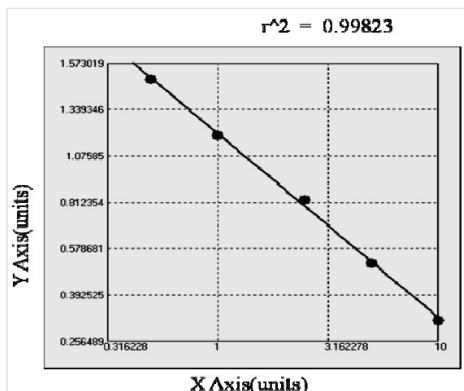
PRODUCT SYNONYMS

Delta Sleep-Inducing Peptide; Canine Delta Sleep-Inducing Peptide ELISA Kit; dSIP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This dSIP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine dSIP. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for dSIP elisa kit

Principle of the Assay: dSIP ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-dSIP antibody and an dSIP-HRP conjugate. The assay sample and buffer are incubated together with dSIP-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the dSIP concentration since dSIP from samples and dSIP-HRP conjugate compete for the anti-dSIP antibody binding site. Since the number of sites is limited, as more sites are occupied by dSIP from the sample, fewer sites are left to bind dSIP-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The dSIP concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	415512
NCBI Official Full Name	delta-sleep-inducing peptide, DSIP {leucine-zipper}

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/dsip-canine-elisa-kits/delta-sleep-inducing-peptide/91795>