

Canine Phosphorylated c-Jun N-terminal kinases/stress-activated protein kinase ELISA Kit | P-JNK/SAPK elisa kit

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CATALOG # AAA94961	REACTIVITY Canine
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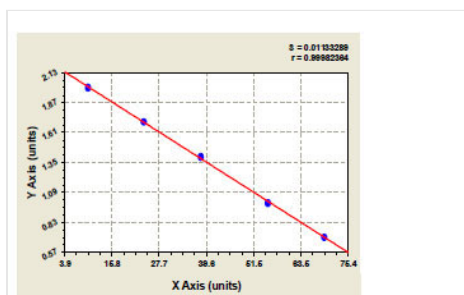
PRODUCT SYNONYMS

Phosphorylated c-Jun N-terminal kinases/stress-activated protein kinase; Canine Phosphorylated c-Jun N-terminal kinases/stress-activated protein kinase ELISA Kit; P-JNK/SAPK elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Competitive (Quantitative)
Sensitivity	1.0 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for P-JNK/SAPK elisa kit

Intended Uses: This pSAPKs ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine pSAPKs. This ELISA kit for research use only!

Principle of the Assay: pSAPKs ELISA kit applies the competitive enzyme immunoassay technique utilizing a Polyclonal anti-pSAPKs antibody and an pSAPKs-HRP conjugate. The assay sample and buffer are incubated together with pSAPKs-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 pSAPKs concentration since pSAPKs from samples and pSAPKs-HRP conjugate compete for the anti-pSAPKs antibody binding site. Since the number of sites is limited, as more sites are occupied by pSAPKs from the sample, fewer sites are left to bind pSAPKs-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The pSAPKs concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	200405
NCBI GeneID	18776
Molecular Weight	25,159 Da
NCBI Official Full Name	placental lactogen II
NCBI Official Synonym Full Names	prolactin family 3, subfamily b, member 1
NCBI Official Symbol	Prl3b1
NCBI Official Synonym Symbols	PL; PI2; Csh2; PI-2; mplII; mPL-II
NCBI Protein Information	prolactin-3B1; PL-II; placental lactogen 2; placental lactogen II; chorionic somatomammotropin hormone 2
UniProt Protein Name	Prolactin-3B1
UniProt Gene Name	Prl3b1
UniProt Synonym Gene Names	Csh2; PI-2; PI2; PL-II
UniProt Entry Name	PR3B1_MOUSE

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/p-jnk-sapk-canine-elisa-kits/phosphorylated-c-jun-n-terminal-kinases-stress-activated-protein-kinase/94961>