

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

Mouse Phosphorylated c-Jun N-terminal kinases/stress-activated protein kinase ELISA Kit

CATALOG #

AAA16687

REACTIVITY

Mouse

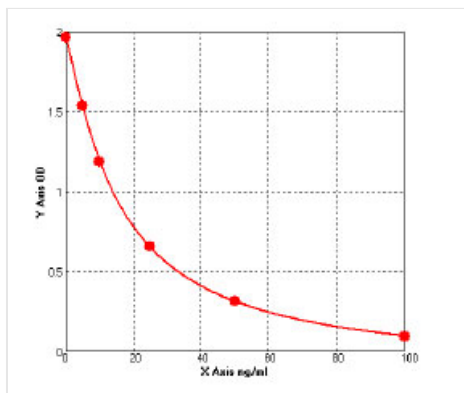
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of pJNK/SAPK. No significant cross-reactivity or interference between pJNK/SAPK and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between pJNK/SAPK and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
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	Principle of the Assay: pJNK/SAPK ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for pJNK/SAPK. Standards or samples are then added to the microtiter plate wells and pJNK/SAPK if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of pJNK/SAPK present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for pJNK/SAPK are added to each well to "sandwich" the pJNK/SAPK immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain pJNK/SAPK and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The pJNK/SAPK concentration in each sample is interpolated from this standard curve. Intended Uses: This pJNK/SAPK ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse pJNK/SAPK. This ELISA kit for research use only, not for therapeutic or diagnostic applications!
--	--

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; Pl2; Csh2; Pl-2; mplll; 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; Pl-2; Pl2; 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.