

Mouse Prosaposin ELISA Kit | PSAP elisa kit

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CATALOG #
AAA83430

REACTIVITY
Mouse

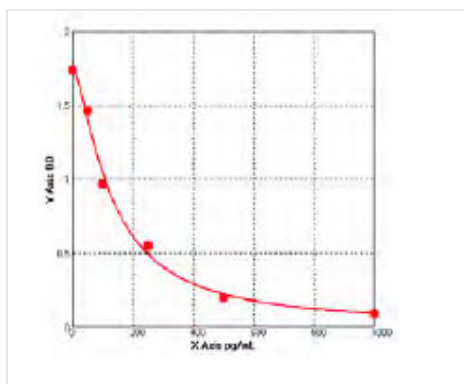
PRODUCT SYNONYMS

Prosaposin; Mouse Prosaposin ELISA Kit; PSAP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
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 PSAP elisa kit

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

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

Product Categories/Family for PSAP elisa kit

Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	48145609
NCBI GeneID	5660
UniProt Accession #	P07602; P07292; P15793; P78538; P78541; P78546; P78547; P78558; Q53Y86; Q6IBQ6; Q92739; Q92740
Molecular Weight	58,484 Da
NCBI Official Full Name	PSAP
NCBI Official Synonym Full Names	prosaposin
NCBI Official Symbol	PSAP
NCBI Official Synonym Symbols	GLBA; SAP1
NCBI Protein Information	prosaposin; proactivator polypeptide; sphingolipid activator protein-1
UniProt Protein Name	Prosaposin
UniProt Gene Name	PSAP
UniProt Synonym Gene Names	GLBA; SAP1; CSAct; SAP-1; SAP-2
UniProt Entry Name	SAP_HUMAN

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/psap-mouse-elisa-kits/prosaposin/83430>