

Rat Prosaposin ELISA Kit | PSAP elisa kit

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CATALOG #
AAA16023

REACTIVITY
Rat

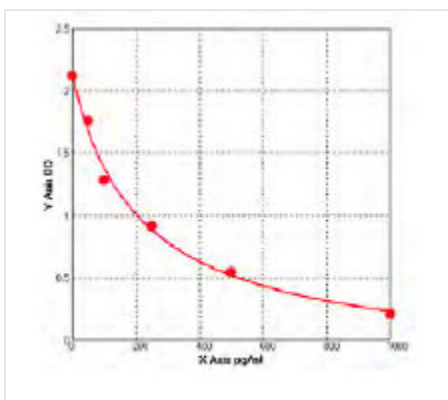
PRODUCT SYNONYMS

Prosaposin; Rat Prosaposin ELISA Kit; PSAP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 pg/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 PSAP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat PSAP. This ELISA kit for research use only!

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

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-rat-elisa-kits/prosaposin/16023>