

Human Prosaposin ELISA Kit | PSAP elisa kit

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CATALOG #
AAA86395

REACTIVITY
Human

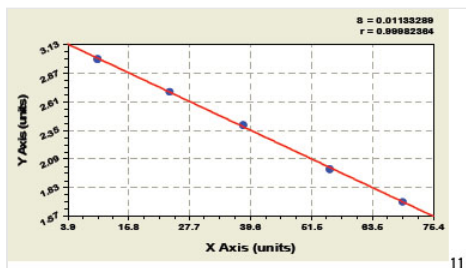
PRODUCT SYNONYMS

Prosaposin; Human Prosaposin ELISA Kit; PSAP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	50-1000pg/mL
Sensitivity	1.0pg/mL
Intended Uses	This PSAP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human PSAP. 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 PSAP elisa kit

Principle of the assay: PSAP ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal 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.

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-human-elisa-kits/prosaposin/86395>