

Human prosaposin ELISA Kit | PSAP elisa kit

human prosaposin, PSAP ELISA Kit

CATALOG #
AAA80330

REACTIVITY
Human

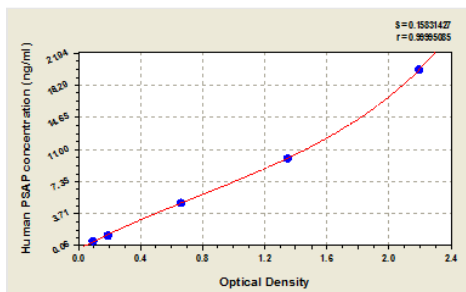
PRODUCT SYNONYMS

prosaposin; human prosaposin; PSAP ELISA Kit; human prosaposin (PSAP) Elisa kit; FLJ00245; GLBA; MGC110993; SAP1; sphingolipid activator protein-1; PSAP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human PSAP. No significant cross-reactivity or interference between human PSAP and analogues was observed.
Sequence Length	527
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	0.625 ng/ml -20 ng/ml.
Sensitivity	The minimum detectable dose of human PSAP is typically less than 0.312 ng/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<15%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<20%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PSAP elisa kit	Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for PSAP has been pre-coated onto a microplate. Standards and samples are pipetted into the wells with a Horseradish Peroxidase (HRP) conjugated antibody specific for PSAP. Following a wash to remove any unbound reagent, a substrate solution is added to the wells and color develops in proportion to the amount of PSAP bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	110224476
NCBI GeneID	5660
NCBI Accession #	NP_001035930.1
NCBI GenBank Nucleotide #	NM_001042465.1
UniProt Accession #	P07602; P07292; P15793; P78538; P78541; P78546; P78547; P78558; Q53Y86; Q6IBQ6; Q92739; Q92740
Molecular Weight	58,113 Da
NCBI Official Full Name	prosaposin isoform b preproprotein
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.