

## Bovine Prosaposin ELISA Kit | PSAP elisa kit

Bovine Prosaposin ELISA Kit

CATALOG #  
**AAA90044**

REACTIVITY  
**Bovine**

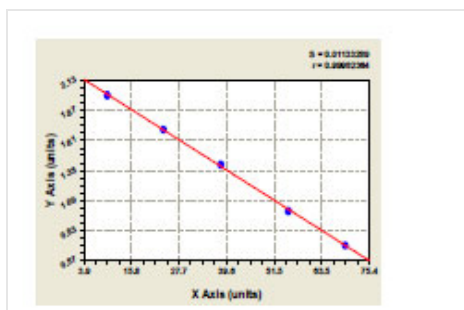
### PRODUCT SYNONYMS

Prosaposin; Bovine Prosaposin ELISA Kit; PSAP elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                            |
|-------------------------|----------------------------------------------------------------------------|
| Reactivity              | Bovine                                                                     |
| 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 PSAP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine 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.

#### 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                | <b>PSAP</b>                                                                                    |
| 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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