

Sheep Phosphatidylserine ELISA Kit | PS elisa kit

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CATALOG #
AAA91168

REACTIVITY
Sheep

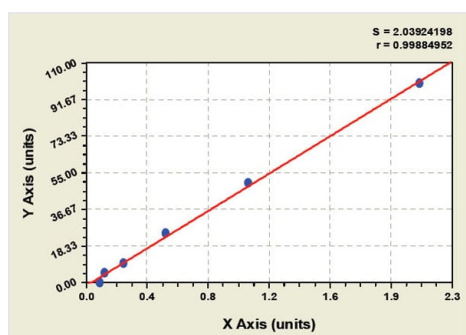
PRODUCT SYNONYMS

Phosphatidylserine; Sheep Phosphatidylserine ELISA Kit; PS elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Sensitivity	1.0 ng/mL.
Intended Uses	This PS ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep PS. 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 PS elisa kit

Principle of the Assay: PS ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for PS. Standards or samples are then added to the microtiter plate wells and PS if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of PS present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for PS are added to each well to "sandwich" the PS immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain PS and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. 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 PS elisa kit

Neurobiology

NCBI AND UNIPROT INFORMATION

NCBI GI #	339443038
NCBI GeneID	10925972
NCBI Accession #	YP_004709043.1
NCBI GenBank Nucleotide #	NC_015737.1
Molecular Weight	59,230 Da
NCBI Official Full Name	phosphatidylserine
NCBI Official Symbol	CIs
NCBI Protein Information	phosphatidylserine
UniProt Protein Name	Phosphatidylserine
UniProt Gene Name	CIs
UniProt Synonym Gene Names	CXIVA_19740
UniProt Entry Name	F7V5B2_CLOSS

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/ps-sheep-elisa-kits/phosphatidylserine/91168>