

Sheep Phospholipid Scramblase 2 ELISA Kit | PLSCR2 elisa kit

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CATALOG #
AAA93530

REACTIVITY
Sheep

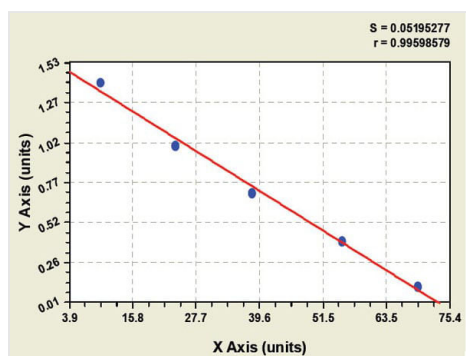
PRODUCT SYNONYMS

Phospholipid Scramblase 2; Sheep Phospholipid Scramblase 2 ELISA Kit; PLSCR2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PLSCR2 elisa kit

Intended Uses: This PLSCR2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep PLSCR2. This ELISA kit for research use only!

Principle of the Assay: PLSCR2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-PLSCR2 antibody and an PLSCR2-HRP conjugate. The assay sample and buffer are incubated together with PLSCR2-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 PLSCR2 concentration since PLSCR2 from samples and PLSCR2-HRP conjugate compete for the anti-PLSCR2 antibody binding site. Since the number of sites is limited, as more sites are occupied by PLSCR2 from the sample, fewer sites are left to bind PLSCR2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PLSCR2 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for PLSCR2 elisa kit

Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	317171904
NCBI GeneID	57047
NCBI Accession #	NP_001186907.1
NCBI GenBank Nucleotide #	NM_001199978.1
Molecular Weight	32,970 Da
NCBI Official Full Name	phospholipid scramblase 2 isoform 1
NCBI Official Synonym Full Names	phospholipid scramblase 2
NCBI Official Symbol	PLSCR2
NCBI Protein Information	phospholipid scramblase 2; PL scramblase 2; ca(2+)-dependent phospholipid scramblase 2
UniProt Protein Name	Phospholipid scramblase 2
UniProt Gene Name	PLSCR2
UniProt Synonym Gene Names	PL scramblase 2
UniProt Entry Name	PLS2_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/plscr2-sheep-elisa-kits/phospholipid-scramblase-2/93530>