

Human Phospholipid Scramblase 2 ELISA Kit | PLSCR2 elisa kit

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CATALOG #
AAA87139

REACTIVITY
Human

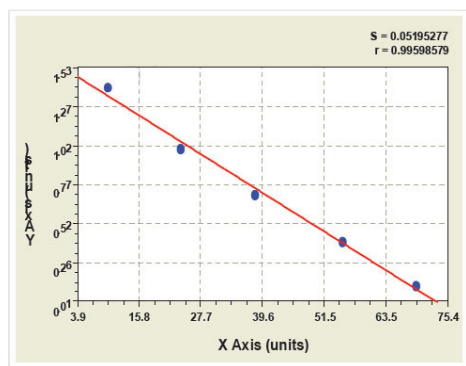
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	1.0-25ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This PLSCR2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human PLSCR2. 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 PLSCR2 elisa kit

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.

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://www.aaabiotech.com/plscr2-human-elisa-kits/phospholipid-scramblase-2/87139>