

Rat Phospholipid Scramblase 1 ELISA Kit | PLSCR1 elisa kit

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CATALOG #
AAA87213

REACTIVITY
Rat

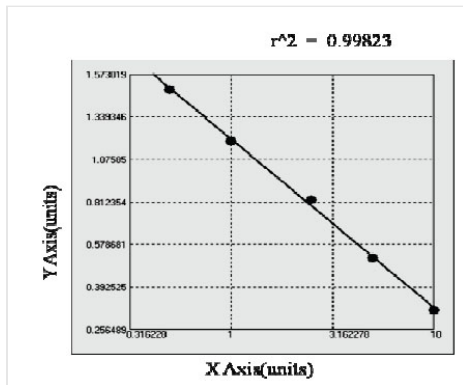
PRODUCT SYNONYMS

Phospholipid Scramblase 1; Rat Phospholipid Scramblase 1 ELISA Kit; PLSCR1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/ml
Intended Uses	This PLSCR1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat PLSCR1. 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 PLSCR1 elisa kit

Principle of the assay: PLSCR1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-PLSCR1 antibody and an PLSCR1-HRP conjugate. The assay sample and buffer are incubated together with PLSCR1-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 PLSCR1 concentration since PLSCR1 from samples and PLSCR1-HRP conjugate compete for the anti-PLSCR1 antibody binding site. Since the number of sites is limited, as more sites are occupied by PLSCR1 from the sample, fewer sites are left to bind PLSCR1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PLSCR1 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	10863877
NCBI GeneID	5359
NCBI Accession #	NP_066928.1
NCBI GenBank Nucleotide #	NM_021105.2
Molecular Weight	26,825 Da
NCBI Official Full Name	phospholipid scramblase 1
NCBI Official Synonym Full Names	phospholipid scramblase 1
NCBI Official Symbol	PLSCR1
NCBI Official Synonym Symbols	MMTRA1B
NCBI Protein Information	phospholipid scramblase 1; PL scramblase 1; erythrocyte phospholipid scramblase; ca(2+)-dependent phospholipid scramblase 1
UniProt Protein Name	Phospholipid scramblase 1
UniProt Gene Name	PLSCR1
UniProt Synonym Gene Names	PL scramblase 1
UniProt Entry Name	PLS1_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.