

## Human Phospholipid Scramblase 2 ELISA Kit | PLSCR2 elisa kit

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CATALOG #  
**AAA87139**

REACTIVITY  
**Human**

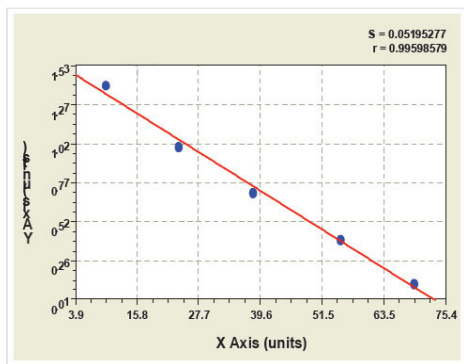
### PRODUCT SYNONYMS

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                | <b>PLSCR2</b>                                                                          |
| 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-human-elisa-kits/phospholipid-scramblase-2/87139>