

Human PTDSS1 (Phosphatidylserine synthase 1) ELISA Kit | PTDSS1 elisa kit

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CATALOG #
AAA249940

REACTIVITY
Human

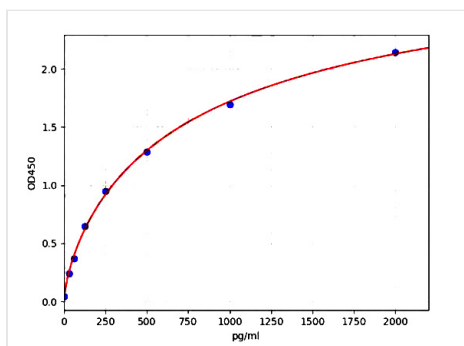
PRODUCT SYNONYMS

PTDSS1 (Phosphatidylserine synthase 1); Human PTDSS1 (Phosphatidylserine synthase 1) ELISA Kit; Phosphatidylserine synthase 1; PSS-1; PtdSer synthase 1; Serine-exchange enzyme I; KIAA0024; PSSA; PTDSS1; PTDSS1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of PTDSS1. No significant cross-reactivity or interference between PTDSS1 and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PTDSS1 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96- well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	589811544
NCBI GeneID	9791
NCBI Accession #	NP_001277154.1
NCBI GenBank Nucleotide #	NM_001290225.1
UniProt Accession #	P48651; Q9BUQ5; B4DE85; E5RFC5
Molecular Weight	34,579 Da
NCBI Official Full Name	phosphatidylserine synthase 1 isoform 2
NCBI Official Synonym Full Names	phosphatidylserine synthase 1
NCBI Official Symbol	PTDSS1
NCBI Official Synonym Symbols	LMHD; PSS1; PSSA
NCBI Protein Information	phosphatidylserine synthase 1
UniProt Protein Name	Phosphatidylserine synthase 1
UniProt Gene Name	PTDSS1
UniProt Synonym Gene Names	KIAA0024; PSSA; PSS-1; PtdSer synthase 1

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/human-elisa-kits/ptdss1-phosphatidylserine-synthase-1/249940>