

Human phospholipase A2 receptor 1, 180kDa ELISA Kit | PLA2R1 elisa kit

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CATALOG #
AAA15719

REACTIVITY
Human

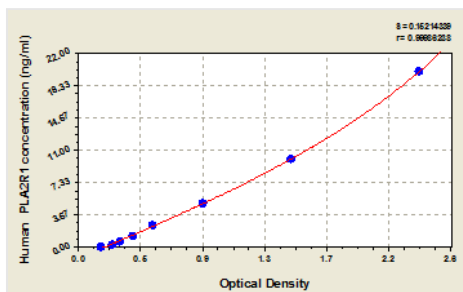
PRODUCT SYNONYMS

phospholipase A2 receptor 1; 180kDa; Human phospholipase A2 receptor 1; PLA2R1 ELISA Kit; 180kDa (PLA2R1) ELISA kit; CLEC13C; PLA2-R; PLA2G1R; PLA2IR; PLA2R; PLA2R1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human PLA2R1. No significant cross-reactivity or interference between human PLA2R1 and analogues was observed.
Sequence Length	1324
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	0.027 ng/ml-20 ng/ml
Sensitivity	< 0.027 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PLA2R1 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for PLA2R1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PLA2R1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PLA2R1 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of PLA2R1 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	55953106
NCBI GeneID	22925
NCBI Accession #	NP_001007268.1
NCBI GenBank Nucleotide #	NM_001007267.2
UniProt Accession #	Q13018; Q13019; Q15095; Q53R45; Q53RR7; B2RTU9; D3DPB1
Molecular Weight	168,600 Da
NCBI Official Full Name	secretory phospholipase A2 receptor isoform 2
NCBI Official Synonym Full Names	phospholipase A2 receptor 1, 180kDa
NCBI Official Symbol	PLA2R1
NCBI Official Synonym Symbols	PLA2R; PLA2-R; PLA2IR; CLEC13C; PLA2G1R
NCBI Protein Information	secretory phospholipase A2 receptor; M-type receptor; phospholipase A2 receptor 1, 180kD; C-type lectin domain family 13 member C; 180 kDa secretory phospholipase A2 receptor
UniProt Protein Name	Secretory phospholipase A2 receptor
UniProt Gene Name	PLA2R1
UniProt Synonym Gene Names	CLEC13C; PLA2-R; PLA2R; Soluble PLA2-R; Soluble PLA2R
UniProt Entry Name	PLA2R_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/pla2r1-human-elisa-kits/phospholipase-a2-receptor-1-180kda/15719>