

Human Group IIE Secretory Phospholipase A2 (PLA2G2E) ELISA Kit | PLA2G2E elisa kit

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CATALOG #
AAA31488

REACTIVITY
Human

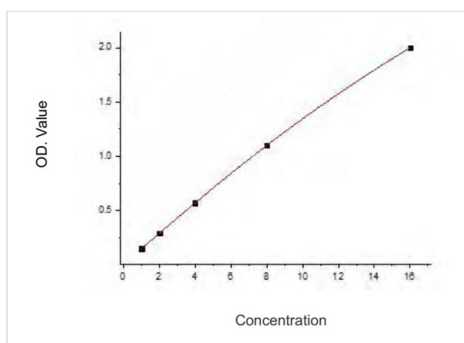
PRODUCT SYNONYMS

Group IIE Secretory Phospholipase A2 (PLA2G2E); Human Group IIE Secretory Phospholipase A2 (PLA2G2E) ELISA Kit; PLA2G2E elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Group IIE secretory phospholipase A2 (PLA2G2E) ELISA Kit has high sensitivity and excellent specificity for detection of Human PLA2G2E. No significant cross-reactivity or interference between Human PLA2G2E and analogues was observed.
Sequence Length	142
Assay Type	Sandwich
Samples	Human serum, cell culture supernates and other biological fluids
Detection Range	2 ug/L - 32 ug/L
Sensitivity	< 0.1ug/L
Intra-assay Precision	Four samples of known concentration were tested twenty times on one plate to assess intra-assay precision. The CV (%)?9%.
Inter-assay Precision	Three samples of known concentration were tested in twenty separate assays to assess inter-assay precision. Assays were performed by at least three technicians using two lots of components. The CV (%)?11%.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PLA2G2E elisa kit	Background: PLA2G2E (Phospholipase A2 Group IIE) is a Protein Coding gene. Diseases associated with PLA2G2E include Benign Secondary Hypertension and Benign Renovascular Hypertension.Among its related pathways are CCR5 Pathway in Macrophages and TCR Signaling (Qiagen).Gene Ontology (GO) annotations related to this gene include calcium ion binding and phospholipase A2 activity. Principle of the Assay: Human Group IIE secretory phospholipase A2 (PLA2G2E) ELISA Kit employs a two-site sandwich ELISA to quantitate PLA2G2E in samples. An antibody specific for PLA2G2E has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PLA2G2E present is bound by the immobilized antibody. After removing any unbound substances, HRP-Conjugated Human PLA2G2E detection antibody is added to the wells. Following a wash to remove any unbound HRP reagent, a Chromogen solution is added to the wells and color develops in proportion to the amount of PLA2G2E 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 #	7657461
NCBI GeneID	30814
NCBI Accession #	NP_055404.1
NCBI GenBank Nucleotide #	NP_055404.1
UniProt Accession #	Q9NZK7
NCBI Official Full Name	group IIE secretory phospholipase A2
NCBI Official Synonym Full Names	phospholipase A2 group IIE
NCBI Official Symbol	PLA2G2E
NCBI Official Synonym Symbols	sPLA2-IIIE; GIIE sPLA2
NCBI Protein Information	group IIE secretory phospholipase A2
UniProt Protein Name	Group IIE secretory phospholipase A2
UniProt Gene Name	PLA2G2E
UniProt Synonym Gene Names	GIIE sPLA2; sPLA2-IIIE
UniProt Entry Name	PA2GE_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/human-elisa-kits/group-iie-secretory-phospholipase-a2-pla2g2e/31488>