

Human cytosolic phospholipase A2, cPLA2 ELISA Kit | cPLA2 elisa kit

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CATALOG #
AAA41457

REACTIVITY
Human

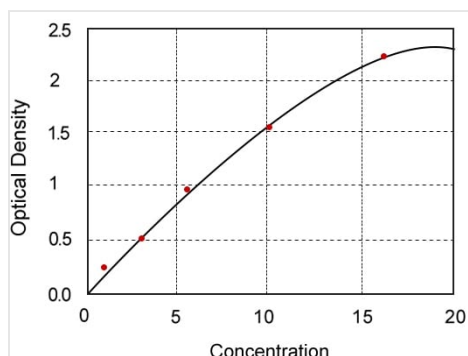
PRODUCT SYNONYMS

cytosolic phospholipase A2; cPLA2; Human cytosolic phospholipase A2; cPLA2 ELISA Kit; cPLA2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	749
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 15ng/ml
Sensitivity	0.01ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for cPLA2 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Cytosolic Phospholipase A2 (also known as cPLA2) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human cPLA2 antibody. cPLA2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human cPLA2 Antibody is added and binds to cPLA2 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated cPLA2 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human cPLA2. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	23943920
NCBI GeneID	5321
NCBI Accession #	NP_077734.1
NCBI GenBank Nucleotide #	NM_024420.2
UniProt Accession #	P47712; Q29R80; B1AKG4
Molecular Weight	85,239 Da
NCBI Official Full Name	cytosolic phospholipase A2 isoform 1
NCBI Official Synonym Full Names	phospholipase A2 group IVA
NCBI Official Symbol	PLA2G4A
NCBI Official Synonym Symbols	cPLA2; PLA2G4; cPLA2-alpha
NCBI Protein Information	cytosolic phospholipase A2
UniProt Protein Name	Cytosolic phospholipase A2
UniProt Gene Name	PLA2G4A
UniProt Synonym Gene Names	CPLA2; PLA2G4; cPLA2

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/cytosolic-phospholipase-a2-cpla2/41457>