

Human lipoprotein-associated phospholipase A2, Lp-PLA2 ELISA Kit | Lp-PLA2 elisa kit

Human lipoprotein-associated phospholipase A2, Lp-PLA2 ELISA Kit

CATALOG #
AAA11116

REACTIVITY
Human

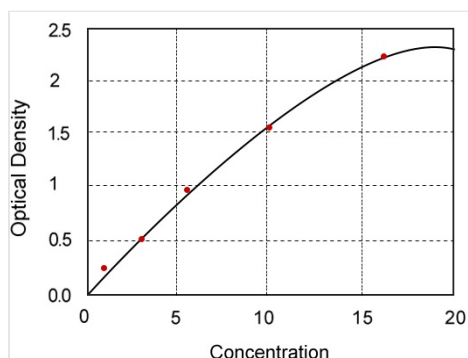
PRODUCT SYNONYMS

lipoprotein-associated phospholipase A2; Lp-PLA2; Human lipoprotein-associated phospholipase A2; Lp-PLA2 ELISA Kit; Lp-PLA2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.3ng/ml - 90ng/ml
Sensitivity	0.14ng/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 Lp-PLA2 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Lipoprotein-associated Phospholipase A2 (also known as Lp-PLA2) 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 Lp-PLA2 antibody. Lp-PLA2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human Lp-PLA2 Antibody is added and binds to Lp-PLA2 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated Lp-PLA2 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 Lp-PLA2. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

References

[Evaluation of lipoprotein-associated phospholipase A2 and plaque burden/composition in young adults](#). Celik, Omer; Ozturk, Derya; Akin, Fatih; Satilmis, Seckin; Yalcin, A. Arif; Erturk, Mehmet; Ayca, Burak; Akturk, Faruk; Birand, Ali; Pusuroglu, Hamdi; Kaya, M. Gungor (2015)

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/lipoprotein-associated-phospholipase-a2-lp-pla2/11116>