

LPLA2 elisa kit

CHO LPLA2 ELISA Kit

CATALOG #
AAA76866

REACTIVITY
CHO (S cell line)

PRODUCT SYNONYMS

LPLA2; CHO LPLA2 ELISA Kit; LPLA2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	CHO (S cell line)
Assay Type	Sandwich
Samples	CHO biological samples

ADDITIONAL INFORMATION

Related Product Information for LPLA2 elisa kit

Principle of the Assay: The principle of the double antibody sandwich ELISA is represented in Figure 1. In this assay the Lysosomal Phospholipase A2 (LPLA) present in samples reacts with the anti-LPLA antibodies which have been adsorbed to the surface of polystyrene microtitre wells. After the removal of unbound proteins by washing, the Detection Antibody, biotin conjugated anti-LPLA, is added and complexes are formed. Following a wash step, the horseradish peroxidase (HRP) conjugated Streptavidin is added and complexes are formed. After another washing step, the complexes are assayed by the addition of a chromogenic substrate, 3,3',5,5'-tetramethylbenzidine (TMB). The quantity of bound enzyme varies directly with the concentration of LPLA in the sample tested; thus, the absorbance, at 450 nm, is a measure of the concentration of LPLA in the test sample. The quantity of LPLA in the test sample can be interpolated from the standard curve constructed from the standards, and corrected for sample dilution.

Intended Uses: The LPLA test kit is a highly sensitive two-site enzyme linked immunoassay (ELISA) for measuring LPLA in CHO biological samples. If the ELISA is to be used outside the intended use, the user may need to optimize for said use.

Product Categories/Family for LPLA2 elisa kit

Serum Proteins-Human and Animal; Lysosomal Phospholipase A2 (LPLA2) Immunoassays

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/cho-elisa-kits/pla2/76866>