

ARG83224 Human ACP6 ELISA Kit

Package: 96 wells
Store at: 4°C

Summary

Product Description	ARG83224 Human ACP6 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human ACP6 in Serum, Plasma and Cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Specificity	There is no detectable cross-reactivity with other relevant proteins.
Target Name	ACP6
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	15 pg/ml
Detection Range	15.6 pg/ml - 1,000 pg/ml
Sample Type	Serum, Plasma and Cell culture supernatants
Precision	Intra-Assay CV: 5.6% Inter-Assay CV: 4.4%
Alternate Names	ACP6; Acid Phosphatase 6, Lysophosphatidic; ACPL1; LPAP; Lysophosphatidic Acid Phosphatase Type 6; Acid Phosphatase-Like Protein 1; PACPL1; Lysophosphatidic Acid Phosphatase; EC 3.1.3.2

Application Instructions

Assay Time	~ 5 hours
------------	-----------

Properties

Form	96 well
Storage instruction	Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

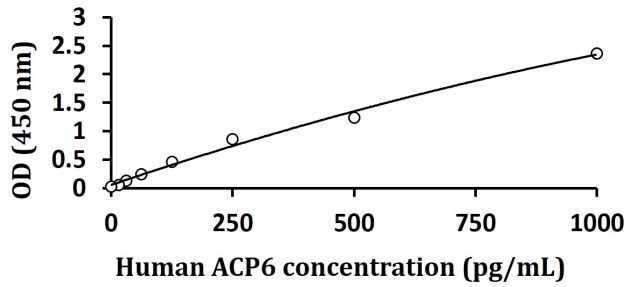
Gene Symbol	ACP6
Gene Full Name	Acid Phosphatase 6, Lysophosphatidic
Background	This gene encodes a member of the histidine acid phosphatase protein family. The encoded protein hydrolyzes lysophosphatidic acid, which is involved in G protein-coupled receptor signaling, lipid raft modulation, and in balancing lipid composition within the cell. Alternative splicing results in multiple transcript variants.
Function	Hydrolyzes lysophosphatidic acid (LPA) containing a medium length fatty acid chain to the

corresponding monoacylglycerol. Has highest activity with lysophosphatidic acid containing myristate (C14:0), monounsaturated oleate (C18:1) or palmitate (C16:0), and lower activity with C18:0 and C6:0 lysophosphatidic acid.

Cellular Localization

Mitochondrion

Images



ARG83224 Human ACP6 ELISA Kit standard curve image

ARG83224 Human ACP6 ELISA Kit results of a typical standard run with optical density reading at 450 nm.