

Human PLAP/ALPP ELISA Kit | PLAP/ALPP elisa kit

Human PLAP/ALPP(Placental Alkaline Phosphatase)ELISA Kit

CATALOG #
AAA164831

REACTIVITY
Human

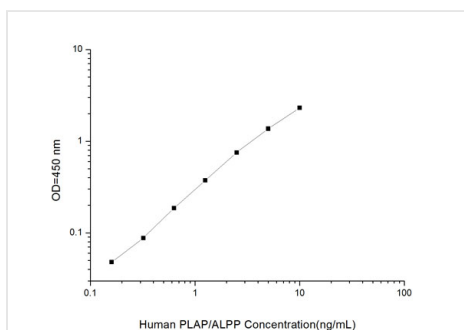
PRODUCT SYNONYMS

PLAP/ALPP; Human PLAP/ALPP(Placental Alkaline Phosphatase)ELISA Kit; PLAP/ALPP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes HumanLDLin samples. No significantcross-reactivity or interference between HumanLDL and analogues was observed.
Sequence Length	550
Samples	Serum, Plasma And Other Biological Fluids
Assay Type	Quantitative Sandwich
Detection Range	7.81-500ng/mL
Sensitivity	4.69ng/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level HumanLDL were tested 20times on one plate, respectively
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level HumanLDL were testedon 3 different plates, 20 replicates in eachplate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PLAP/ALPP elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of HumanLDL concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to HumanLDL. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for HumanLDL and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain HumanLDL, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of HumanLDL. You can calculate the concentration of HumanLDL in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	530370113
NCBI GeneID	250
NCBI Accession #	XP_005246496.1
NCBI GenBank Nucleotide #	XM_005246439.2
UniProt Accession #	P05187; P05188; P06861; Q53S78; Q96DB7
Molecular Weight	57,954 Da
NCBI Official Full Name	alkaline phosphatase, placental type isoform X1
NCBI Official Synonym Full Names	alkaline phosphatase, placental
NCBI Official Symbol	ALPP
NCBI Official Synonym Symbols	ALP; PALP; PLAP; PLAP-1
NCBI Protein Information	alkaline phosphatase, placental type; alkaline phosphatase Regan isozyme; alkaline phosphomonoesterase; glycerophosphatase; placental alkaline phosphatase 1
UniProt Protein Name	Alkaline phosphatase, placental type
UniProt Gene Name	ALPP
UniProt Synonym Gene Names	PLAP; PLAP-1
UniProt Entry Name	PPB1_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.