

Human Intestinal-type alkaline phosphatase ELISA Kit | ALPI elisa kit

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CATALOG #
AAA56894

REACTIVITY
Human

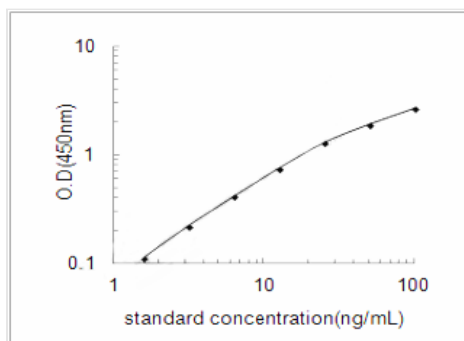
PRODUCT SYNONYMS

Intestinal-type alkaline phosphatase; Human Intestinal-type alkaline phosphatase ELISA Kit; IAP; Intestinal alkaline phosphatase; ALPI; 3.1.3.1; ALPI elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Recombinant and natural Human Intestinal-type alkaline
Sequence Length	528
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Intra-Assay CV	<=7.1%
Inter-Assay CV	<=9.7%
Recovery	103%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ALPI elisa kit

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm $\pm$ 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #	157266292
NCBI GeneID	248
NCBI Accession #	NP_001622.2
NCBI GenBank Nucleotide #	NM_001631.4
UniProt Accession #	P09923; Q53S80; Q9UBV5; Q9UCL2; B2R7Y4
Molecular Weight	56,812 Da
NCBI Official Full Name	intestinal-type alkaline phosphatase
NCBI Official Synonym Full Names	alkaline phosphatase, intestinal
NCBI Official Symbol	ALPI
NCBI Official Synonym Symbols	IAP
NCBI Protein Information	intestinal-type alkaline phosphatase
UniProt Protein Name	Intestinal-type alkaline phosphatase
UniProt Gene Name	ALPI
UniProt Synonym Gene Names	IAP; Intestinal alkaline phosphatase
UniProt Entry Name	PPBI_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/alpi-human-elisa-kits/intestinal-type-alkaline-phosphatase/56894>