

Human Alkaline Phosphatase, Intestinal (ALPI) ELISA Kit | ALPI elisa kit

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CATALOG #
AAA44037

REACTIVITY
Human

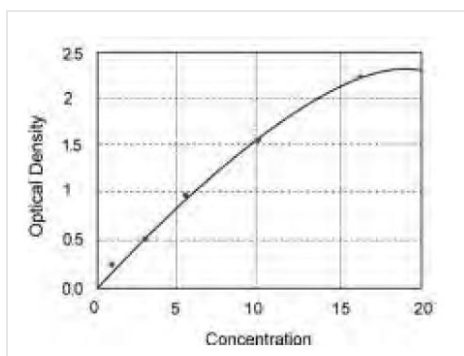
PRODUCT SYNONYMS

Alkaline Phosphatase; Intestinal (ALPI); Human Alkaline Phosphatase; Intestinal (ALPI) ELISA Kit; ALPI elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	514
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	1-300ng/ml
Sensitivity	0.45ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. 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 ALPI elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human ALPI antibody. ALPI present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human ALPI Antibody is added and binds to ALPI in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated ALPI 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 ALPI. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Alkaline Phosphatase,Intestinal (also known as ALPI) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	312940333
Molecular Weight	57,682 Da
NCBI Official Full Name	Alkaline phosphatase
UniProt Protein Name	Alkaline phosphatase
UniProt Gene Name	Calni_1618

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://stage.aaabiotech.com/human-elisa-kits/alkaline-phosphatase-intestinal-alpi/44037>