

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

Human Intestinal-type alkaline phosphatase ELISA Kit

CATALOG #  
**AAA56894**

REACTIVITY  
**Human**

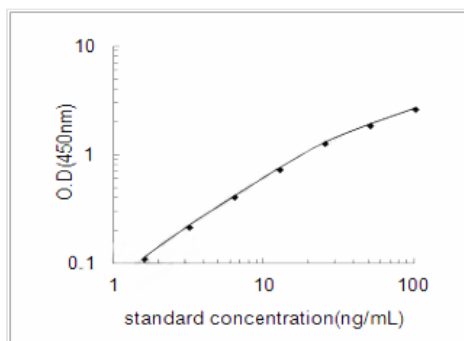
### PRODUCT SYNONYMS

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                | <b>ALPI</b>                            |
| 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.

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Online datasheet: <https://www.aaabiotech.com/alpi-human-elisa-kits/intestinal-type-alkaline-phosphatase/56894>