

## Human Alkaline phosphatase, placental type ELISA Kit | ALPP elisa kit

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CATALOG #  
**AAA13361**

REACTIVITY  
**Human**

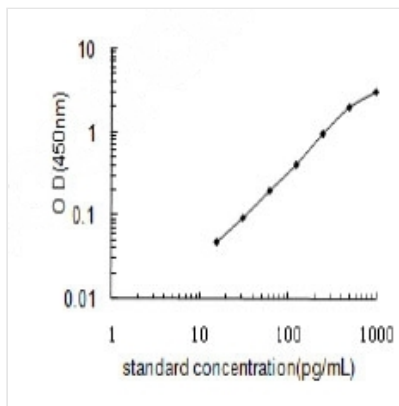
### PRODUCT SYNONYMS

Alkaline phosphatase; placental type; Human Alkaline phosphatase; placental type ELISA Kit; Alkaline phosphatase Regan isozyme; Placental alkaline phosphatase 1; PLAP-1; ALPP; PLAP; 3.1.3.1; ALPP elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                 |
| Specificity             | Recombinant and natural Human Alkaline phosphatase, placental type                    |
| Sequence Length         | 535                                                                                   |
| Samples                 | Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids |
| Intra-assay Precision   | <=4.7%                                                                                |
| Inter-assay Precision   | <=6.9%                                                                                |
| 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 ALPP 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 #                        | 94721246                                           |
| NCBI GeneID                      | 250                                                |
| NCBI Accession #                 | NP_001623.3                                        |
| NCBI GenBank Nucleotide #        | NM_001632.4                                        |
| UniProt Accession #              | P05187; P05188; P06861; Q53S78; Q96DB7             |
| Molecular Weight                 | 57,954 Da                                          |
| NCBI Official Full Name          | alkaline phosphatase, placental type preproprotein |
| 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               |
| 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.

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Online datasheet: <https://stage.aaabiotech.com/alpp-human-elisa-kits/alkaline-phosphatase-placental-type/13361>