

Rat Alkaline Phosphatase, Intestinal ELISA Kit | ALPI elisa kit

Rat Alkaline Phosphatase, Intestinal (ALPI) ELISA Kit

CATALOG #
AAA165469

REACTIVITY
Rat

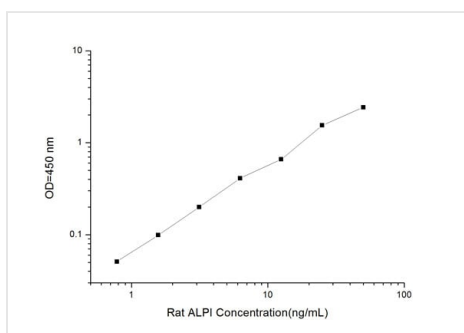
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat ALPI. No significant cross-reactivity or interference between Rat ALPI and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Rat ALPI and all the analogues, therefore, cross reaction may still exist.
Sequence Length	528
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.781-50ng/mL
Sensitivity	Min: 0.469ng/mL; Max: 50ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ALPI elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of ALPI in Rat serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Rat ALPI. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Rat ALPI and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Rat ALPI, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid 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 Rat ALPI. You can calculate the concentration of Rat ALPI in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	124376142
NCBI GeneID	248
UniProt Accession #	P09923; Q53S80; Q9UBV5; Q9UCL2; B2R7Y4
Molecular Weight	56,812 Da
NCBI Official Full Name	Alkaline phosphatase, intestinal
NCBI Official Synonym Full Names	alkaline phosphatase, intestinal
NCBI Official Symbol	ALPI
NCBI Official Synonym Symbols	IAP
NCBI Protein Information	intestinal-type alkaline phosphatase; Kasahara isozyme; alkaline phosphomonoesterase; glycerophosphatase; intestinal 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.

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Online datasheet: <https://stage.aaabiotech.com/alpi-rat-elisa-kits/alkaline-phosphatase-intestinal/165469>