

Rat Alkaline Phosphatase, Intestinal (ALPI) RTU ELISA Kit | ALPI rtu elisa kit

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CATALOG #
AAA69028

REACTIVITY
Rat

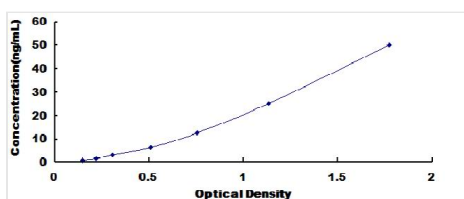
PRODUCT SYNONYMS

Alkaline Phosphatase; Intestinal (ALPI); Rat Alkaline Phosphatase; Intestinal (ALPI) ELISA Kit; CIP; IAP; Calf Intestinal Alkaline Phosphatase; ALPI rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	540
Assay Type	Sandwich
Samples	Serum, Plasma, Tissue Homogenates or Other Biological Fluids.
Detection Range	0.781-50ng/mL
Sensitivity	0.33ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ALPI rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to ALPI. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to ALPI. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain ALPI, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of ALPI in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #

292494917

NCBI GeneID	24197
NCBI Accession #	NP_073156.3
NCBI GenBank Nucleotide #	NM_022665.3
UniProt Accession #	G3V8I1 ; P15693
Molecular Weight	58,372 Da
NCBI Official Full Name	intestinal-type alkaline phosphatase 1
NCBI Official Synonym Full Names	alkaline phosphatase, intestinal
NCBI Official Symbol	Alpi
NCBI Official Synonym Symbols	Alp1; S51097
NCBI Protein Information	intestinal-type alkaline phosphatase 1
UniProt Protein Name	Alkaline phosphatase
UniProt Gene Name	Alpi

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/rat-rtu-elisa-kits/alkaline-phosphatase-intestinal-alpi/69028>