

Human alkaline phosphatase, ALP ELISA Kit | ALP elisa kit

Human Intestinal-type alkaline phosphatase, ALPI ELISA Kit

CATALOG #
AAA15298

REACTIVITY
Human

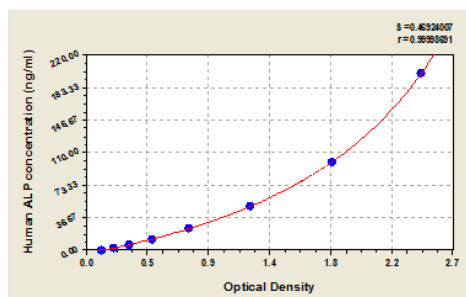
PRODUCT SYNONYMS

alkaline phosphatase; ALP; Human Intestinal-type alkaline phosphatase; ALPI ELISA Kit; Human alkaline phosphatase; ALP ELISA Kit; ALP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human ALP. No significant cross-reactivity or interference between Human ALP and analogues was observed.
Sequence Length	131
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	3.12 ng/ml-200 ng/ml
Sensitivity	0.78 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ALP elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for ALP has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any ALP present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for ALP is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of ALP bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6755574
NCBI GeneID	20568
NCBI Accession #	NP_035544.1
NCBI GenBank Nucleotide #	NM_011414.3
UniProt Accession #	P97430; O09081; O09082
Molecular Weight	14,308 Da
NCBI Official Full Name	antileukoproteinase
NCBI Official Synonym Full Names	secretory leukocyte peptidase inhibitor
NCBI Official Symbol	Slpi
NCBI Protein Information	antileukoproteinase; ALP; secretory leukocyte protease inhibitor
UniProt Protein Name	Antileukoproteinase
UniProt Gene Name	Slpi
UniProt Synonym Gene Names	ALP
UniProt Entry Name	SLPI_MOUSE

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.