

Goat Alkaline phosphatase (ALP) ELISA Kit | ALP elisa kit

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CATALOG #
AAA190323

REACTIVITY
Goat

PRODUCT SYNONYMS

Alkaline phosphatase (ALP); Goat Alkaline phosphatase (ALP) ELISA Kit; ALP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Goat
Specificity	This assay has high sensitivity and excellent specificity for detection of Goat ALP. No significant cross-reactivity or interference between Goat ALP and analogues was observed.
Sequence Length	315
Assay Type	Quantitive Sandwich
Samples	Serum, Plasma, Other Biological Fluids
Detection Wavelength	450 nm
Intra-assay Precision (Precision within an assay)	Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision.
Inter-assay Precision (Precision between assays)	Three samples of known concentration were tested in forty separate assays to assess inter-assay precision.
CV (%)	= SD/meanX100
Intra-Assay	CV
Inter-Assay	CV
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for ALP elisa kit	This assay employs a two-site sandwich ELISA to quantitate ALP in samples. An 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, Streptavidin 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 #	185133241
NCBI GeneID	100136395
NCBI Accession #	NP_001117019.1
NCBI GenBank Nucleotide #	NM_001123547.1
NCBI Official Full Name	alkaline phosphatase

NCBI Official Symbol	alp
NCBI Protein Information	alkaline phosphatase

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/goat-elisa-kits/alkaline-phosphatase-alp/190323>