

Alkaline Phosphatase (ALP) Assay Kit

Alkaline Phosphatase (ALP) Activity Assay Kit (PNPP method)

CATALOG #
AAA177832

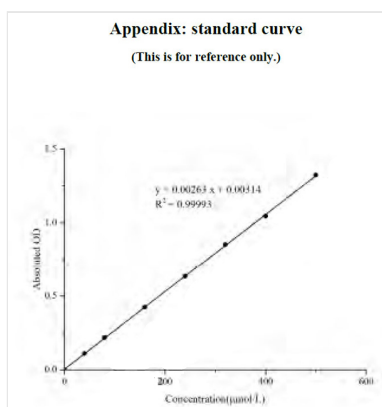
PRODUCT SYNONYMS

Alkaline Phosphatase (ALP); Alkaline Phosphatase (ALP) Activity Assay Kit (PNPP method); Alkaline Phosphatase (ALP) assay kit

PRODUCT SPECIFICATIONS

Specificity	96T (Can detect 79 samples without duplication)
Samples	Animal tissue, serum (plasma) and cell samples
Detection Range	0.27-50.8 U/L
Sensitivity	0.27 U/L
Intra-assay Precision	The intra-assay CV is 1.2 %.
Inter-assay Precision	The inter-assay CV is 4.6 %.
Preparation and Storage	Store at -20 degree C. Valid for 12 months

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Alkaline Phosphatase (ALP) assay kit

Principle of the Assay: Under alkaline conditions, alkaline phosphatase catalyzes the hydrolysis of p-nitrobenzene phosphate disodium to produce p-nitrophenol and phosphoric acid. Under strong alkaline conditions, p-nitrophenol is bright yellow and has a maximum absorption peak at 405 nm. Therefore, the activity of ALP can be calculated by measuring the OD value at 405 nm.

Intended Uses: This kit can be used to measure alkaline phosphatase (ALP) activity in animal tissue, serum (plasma) and cell samples.

Product Categories/Family for Alkaline Phosphatase (ALP) assay kit

Metabolism Assay Kit; Enzymes; Liver Biomarkers

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/assay-kits/alkaline-phosphatase-alp/177832>