

Alkaline phosphatase Assay Kit

Alkaline phosphatase assay kit (Microplate method)

CATALOG #
AAA172704

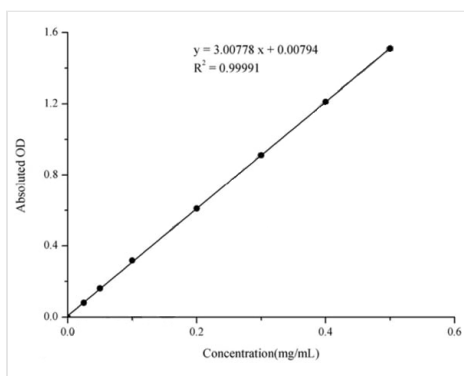
PRODUCT SYNONYMS

Alkaline phosphatase; Alkaline phosphatase assay kit (Microplate method); Alkaline phosphatase assay kit

PRODUCT SPECIFICATIONS

Specificity	96T (Can detect 80 samples without duplication)
Sequence Length	514
Samples	Tissue, serum (plasma), cells and other samples
Detection Range	0.13-50 King unit/100 mL
Sensitivity	0.13 King unit/100 mL
Intra-assay Precision	The intra-assay CV is 5.1 %.
Inter-assay Precision	The inter-assay CV is 8.5 %.
Preparation and Storage	Store at 2-8 degree C. Valid for 12 months

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Alkaline phosphatase assay kit

Principle of the Assay: Alkaline phosphatase decompose benzene disodium phosphate to produce free phenol and phosphoric acid. Phenol react with 4-aminopyrline in alkaline solution and oxidizes with potassium ferricyanide to form red quinone derivative. The enzyme activity can be calculated indirectly by measuring the OD value.

Intended Uses: This kit can be used to measure Alkaline Phosphatase (ALP) activity in tissue, serum (plasma), cells and other samples.

NCBI AND UNIPROT INFORMATION

NCBI GI # [312940333](#)

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/172704>