

Alkaline phosphatase Assay Kit

Alkaline phosphatase assay kit (Visible light method)

CATALOG #
AAA172703

PRODUCT SYNONYMS

Alkaline phosphatase; Alkaline phosphatase assay kit (Visible light method); Alkaline phosphatase assay kit

PRODUCT SPECIFICATIONS

Sequence Length	514
Samples	Serum (plasma), tissue, cells and other sample. This kit (100 Assays) can detect 96 samples
Detection Range	0.2-55.6 King unit/100 mL
Sensitivity	0.2 King unit/100 mL
Intra-assay Precision	The intra-assay CV is 2.1 %.
Inter-assay Precision	The inter-assay CV is 5.6 %.
Preparation and Storage	Store at 2-8 degree C. Valid for 12 months

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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	312940333
NCBI Official Full Name	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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/assay-kits/alkaline-phosphatase/172703>