

Alkaline protease (AKP) Assay Kit | AKP assay kit

Micro Alkaline protease (AKP) Activity Assay Kit

CATALOG #
AAA332691

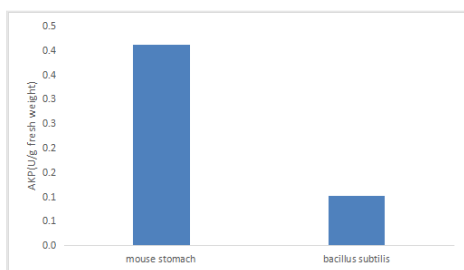
PRODUCT SYNONYMS

Alkaline protease (AKP); Micro Alkaline protease (AKP) Activity Assay Kit; AKP assay kit

PRODUCT SPECIFICATIONS

Samples	Animal tissues, serum (plasma) or other fluids, bacteria and fungi.
Kit Components	Extraction Buffer Reagent I Reagent II Reagent III Reagent IV
Features & Benefits	The verified samples are complete in type and easy to operate.
Usage Notes	If not assayed immediately, samples can be stored at -80 degree C for one month. It is recommended to perform several dilutions of your sample to ensure the readings are within the standard value range. Fresh samples are necessary for good results. If don't perform the assay at the same time, it's better to complete the Sample Preparation step before storing the samples.
Preparation and Storage	Storage at ? degree C and Keep from light immediately upon receipt. Kit has a storage time of 6 months from receipt. Refer to list of materials supplied for storage conditions of individual components. Shipping: Gel pack with blue ice.

IMAGES



Application Data

ADDITIONAL INFORMATION

Related Product Information for AKP assay kit	Alkaline proteinase (AKP) refers to enzymes that catalyze the hydrolysis of protein peptide bonds under alkaline conditions, belonging to serine proteinase. In addition, the enzyme can also hydrolyze ester bonds and amide bonds, and has the function of converting esters and peptides. This enzyme is one of the main industrial enzymes widely used in industries such as pharmaceuticals, silk, food, and leather. Under alkaline conditions, AKP hydrolyzes casein to produce tyrosine, which reduces phosphomolybdic acid to produce tungsten blue; Tungsten blue has a characteristic absorption peak at 680 nm, and the rate of absorbance increase at 680 nm is measured to calculate AKP activity.
Product Categories/Family for AKP assay kit	Cell analysis ; Cell metabolism detection kit

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-protease-akp/332691>