

Acid Phosphatase (ACP) Assay Kit | ACP assay kit

Micro Acid Phosphatase (ACP) Activity Assay Kit

CATALOG #
AAA332700

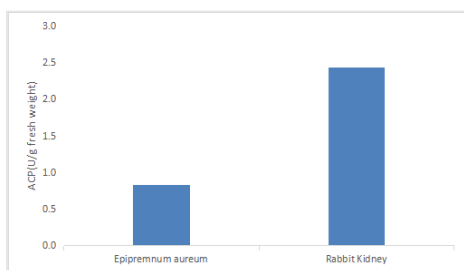
PRODUCT SYNONYMS

Acid Phosphatase (ACP); Micro Acid Phosphatase (ACP) Activity Assay Kit; ACP assay kit

PRODUCT SPECIFICATIONS

Samples	Animal and Plant Tissues, Serum (Plasma)
Kit Components	Extraction Buffer Reagent I Reagent II Reagent III Standard
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 4 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 ACP assay kit	ACP (Acid Phosphatase) catalyzes the hydrolysis of phosphomonoesters into inorganic phosphate under acidic conditions, commonly found within lysosomes of macrophages. ACP is frequently employed as an auxiliary test tool for prostate cancer. Micro Acid Phosphatase (ACP) Activity Assay Kit provides a simple, convenient, and rapid method for determining ACP activity, applicable to a variety of samples including plant and animal tissues, serum, and plasma. Its principle relies on the ACP-catalyzed hydrolysis of sodium phenyl phosphate to produce phenol in an acidic milieu; subsequently, phenol reacts with 4-aminoantipyrene and potassium ferricyanide to form a red quinone derivative which exhibits characteristic light absorption at 510 nm. By measuring the rate of increase in absorbance at 510 nm, the ACP activity can be calculated.
Product Categories/Family for ACP 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/acid-phosphatase-acp/332700>