

Soil Alkaline Phosphatase (S-AKP/ALP) Detection Kit | S-AKP/ALP detection kit

Micro Soil Alkaline Phosphatase(S-AKP/ALP) Activity Assay Kit

CATALOG #
AAA332648

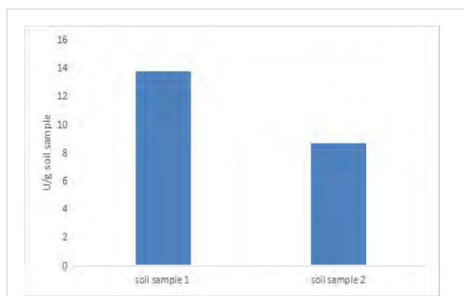
PRODUCT SYNONYMS

Soil Alkaline Phosphatase (S-AKP/ALP); Micro Soil Alkaline Phosphatase(S-AKP/ALP) Activity Assay Kit; Soil Alkaline Phosphatase(S-AKP/ALP) Activity; S-AKP/ALP detection kit

PRODUCT SPECIFICATIONS

Specificity	The kit provides a simple method for detecting Soil Alkaline Phosphatase (S-AKP/ALP) Activity
Samples	Soil sample
Features & Benefits	Determination of Soil Alkaline Phosphatase (S-AKP/ALP) Activity
Usage Notes	Do not mix or substitute reagents or materials from other kit lots or vendors. The sample preparation must be done on ice to prevent the enzyme inactivation, and the enzyme activity should be determined on the same day. avoid repeated freeze-thaw. Ensure all reagents and equipment are at the appropriate temperature before starting the assay.
Preparation and Storage	Stored at 4 degree C for 12 months, protected from light

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for S-AKP/ALP detection kit	Principle of the Assay: Soil phosphatase is a kind of enzyme that catalyzes the mineralization of soil organic phosphorus. Its activity directly affects the decomposition and transformation of organic phosphorus in soil and its bioavailability. It is an index to evaluate the direction and intensity of soil phosphorus biotransformation. Soil phosphatase is significantly affected by soil carbon content, nitrogen content, available phosphorus content and pH. According to the optimal pH range, it is generally divided into three types: acidic, neutral and alkaline. Soil alkaline phosphatase (S-AKP/ALP) can catalyze the hydrolysis of disodium phenylphosphate to produce phenol and disodium hydrogen phosphate in an alkaline environment. The activity of soil alkaline phosphatase can be characterized by measuring the amount of phenol produced.
Product Categories/Family for S-AKP/ALP detection kit	Cell metabolism detection kit ; Cell analysis

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.

