

## Soil Neutral Phosphatase (S-NP) Detection Kit | S-NP detection kit

Micro Soil Neutral Phosphatase(S-NP) Activity Assay Kit

CATALOG #  
**AAA332650**

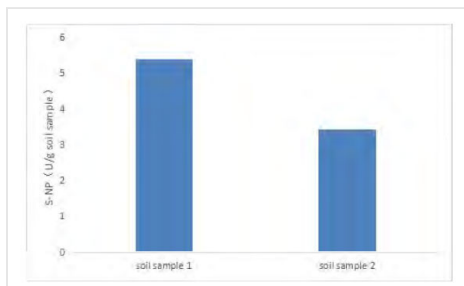
### PRODUCT SYNONYMS

Soil Neutral Phosphatase (S-NP); Micro Soil Neutral Phosphatase(S-NP) Activity Assay Kit; S-NP; Soil Neutral Phosphatase; S-NP detection kit

### PRODUCT SPECIFICATIONS

|                                |                                                                                                                                                                                                                                                                                                                                                                                                            |
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| <b>Samples</b>                 | Soil sample                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Features &amp; Benefits</b> | Soil detection<br>Soil neutral phosphatase (S-NP) activity was determined.<br>Detailed sample preparation and result calculation methods are provided.                                                                                                                                                                                                                                                     |
| <b>Usage Notes</b>             | It is recommended to use fresh samples, which can be stored at -80 degree C for several weeks if the experiment is not carried out immediately. When measuring, the temperature and time of thawing should be controlled. When thawing at room temperature, the sample should be thawed within 4 h.<br>Do not use Reagent IV if it turns brown                                                             |
| <b>Preparation and Storage</b> | Stored at 4 degree C for 6 months, protected from light.<br>It is recommended to use fresh samples, which can be stored at -80 degree C for several weeks if the experiment is not carried out immediately. When measuring, the temperature and time of thawing should be controlled. When thawing at room temperature, the sample should be thawed within 4 h.<br>Do not use Reagent IV if it turns brown |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

|                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-----------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for S-NP detection kit</b> | 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 neutral phosphatase (S-NP) can catalyze the hydrolysis of disodium phenylphosphate to produce phenol and disodium hydrogen phosphate in a neutral environment. The activity of soil neutral phosphatase can be characterized by measuring the amount of phenol produced. |
| <b>Product Categories/Family for S-NP detection kit</b>   | <a href="#">Cell metabolism detection kit</a> ; <a href="#">Cell analysis</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

**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/detection-kits/soil-neutral-phosphatase-s-np/332650>