

Soil Catalase (S-CAT) Detection Kit | S-CAT detection kit

Micro Soil Catalase(S-CAT) Activity Assay Kit

CATALOG #
AAA332651

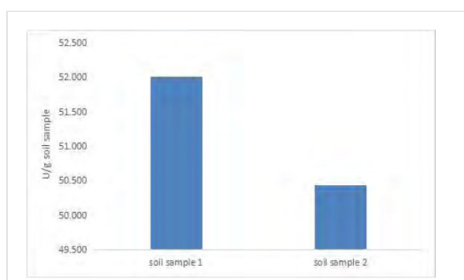
PRODUCT SYNONYMS

Soil Catalase (S-CAT); Micro Soil Catalase(S-CAT) Activity Assay Kit; Soil Catalase (S-CAT) Activity; S-CAT detection kit

PRODUCT SPECIFICATIONS

Specificity	The kit provides a simple method for detecting Soil Catalase (S-CAT) Activity
Samples	Soil sample
Features & Benefits	Determination of Soil Catalase (S-CAT) 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-CAT detection kit	Principle of the Assay: Catalase (CAT, EC 1.11.1.6), an enzyme scavenger, is a conjugated enzyme with iron porphyrin as the auxiliary group, which can promote the decomposition of H ₂ O ₂ into molecular oxygen and water. Soil catalase (S-CAT) is an important enzyme in soil microbial metabolism and plays an important role in H ₂ O ₂ scavenging system. H ₂ O ₂ has a characteristic absorption peak at 240 nm. The activity of S-CAT can be reflected by measuring the change of absorbance of soil extract solution at this wavelength before and after the reaction.
Product Categories/Family for S-CAT 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.

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Online datasheet: <https://www.aaabiotech.com/detection-kits/soil-catalase-s-cat/332651>