

General Basic Xylanase Microplate Assay Kit

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CATALOG # AAA219747	REACTIVITY General	APPLICATIONS Functional Assay
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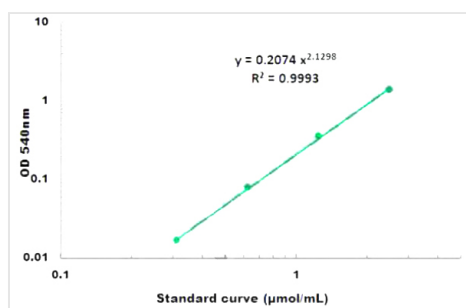
PRODUCT SYNONYMS

Basic Xylanase Microplate; Basic Xylanase Microplate Assay Kit; Basic Xylanase; Basic Xylanase Microplate assay kit

PRODUCT SPECIFICATIONS

Reactivity	General
Samples	Animal feeds, Enzyme preparations, Bread improver mixtures and other materials Samples
Detection Range	0.25 umol/mL - 2.5 umol/mL
Applicable Applications for Basic Xylanase Microplate assay kit	FA (Functional Assay)
CAS Number	9025-57-4
Preparation and Storage	Shipped and store at 4 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Basic Xylanase Microplate assay kit	Principle of the Assay: Xylanase (EC 3.2.1.8) is the name given to a class of enzymes which degrade the linear polysaccharide beta-1,4-xylan into xylose, thus breaking down hemicellulose, one of the major components of plant cell walls. As such, it plays a major role in micro-organisms thriving on plant sources for the degradation of plant matter into usable nutrients. Xylanases are produced by fungi, bacteria, yeast, marine algae, protozoans, snails, crustaceans, insect, seeds, etc., (mammals do not produce xylanases). The assay is initiated with the enzymatic hydrolysis of the xylan by acidic xylanase. The enzyme catalysed reaction products react with 3,5-dinitrosalicylic acid, and can be measured at a colorimetric readout at 540 nm. Intended Uses: Detection and Quantification of Basic Xylanase (BAX) Activity in Animal feeds, Enzyme preparations, Bread improver mixtures and other materials Samples.
Product Categories/Family for Basic Xylanase Microplate assay kit	Small molecule 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/general-assay-kits/basic-xylanase-microplate/219747>