CREATIVE BIOMART®
Assay Kit

# Micro Laccase Assay Kit

## Product Information

**Product Overview**

Laccase is a copper-containing polyphenol oxidase belonging to the blue copper oxidase family. It is widely distributed in fungi and higher plants and is extensively used in pulp biobleaching, pollutant degradation, lignocellulose processing, and biosensing.
Laccase oxidizes ABTS to generate ABTS radicals, which exhibit a much higher absorbance coefficient than the substrate at 420 nm. The rate of absorbance increase is used to calculate laccase activity.

**Size**

100t/96s

**Storage**

Store at 2–8 °C. Shelf life: 6 months.

**Detection method** Spectrophotometer/Microplate Reader

**Materials Required but Not Supplied**

Balance, refrigerated centrifuge, visible spectrophotometer or microplate reader, micro quartz cuvettes or 96-well plates, thermostatic water bath.

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