



## 1,4-Beta-D-Glucan Cellobilhydrolase Activity Assay kit

---

beta-1,4-glucanase/cellobiosidase (C1, EC3.2.1.91) exists in bacteria, fungi and animals, and is a microbial cellulose degrading enzyme system. The main component is also an essential component for the hydrolysis of natural cellulose. The C1 enzyme acts on the end of the cellulose linear molecule to hydrolyze the beta-glucoside bond, cutting a cellobiose molecule. C1 can catalyze the production of p-nitrophenyl cellobioside (PNPC) to p-nitrophenol, which has a characteristic light absorption at 400 nm.

Catalog No.	250430
Size	50 Assays / 100 Assays
Product Category	Enzymatic / Metabolic Assay
Detection Method	Visible spectrophotometry
Storage/Stability	2-8°C/1 year
Shipping	Gel Packs