

Certificate of Analysis

Product Name: α -Glucosidase Assay Kit

Catalog No.: Z5030049

Shipping Condition: Room temperature

Storage Condition: -20°C

Shelf Life: 6 months from the date of receipt under proper storage conditions

Description

α -GLUCOSIDASE hydrolyzes the terminal, non-reducing 1,4-linked α -D-glucose residues with release of α -D-glucose. α -Glucosidase is needed by all animals to hydrolyze maltose to glucose for use as a food. Aberrant activities have been implicated in diseases such as diabetes and Pompe disease.

Simple, direct and automation-ready procedures for measuring α -glucosidase activity are becoming popular in Research and Drug Discovery. Biochain's α -Glucosidase Assay Kit is designed to measure α -glucosidase activity directly in biological samples without pretreatment. The improved method utilizes *p*-nitrophenyl- α -D-glucopyranoside that is hydrolyzed specifically by α -glucosidase into a yellow colored product (maximal absorbance at 405nm). The rate of the reaction is directly proportional to the enzyme activity.

Components

1. One Kit
2. User Manual
3. Certificate of Analysis
4. MSDS

FOR IN VITRO RESEARCH USE ONLY

APPROVED BY: _____

