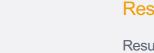


# beta-Glucosidase Assay Kit

Catalog # KA1611 Size 1 Kit

## Applications



#### **Result Data**

**Result Data** 

Kinetics of beta-glucosidase reaction in 96-well plate assay.

Specification	
Product Description	beta-Glucosidase Assay Kit is a colorimetric kinetic determination of beta-Glucosidase activity.
Sample Volume	20 uL
Detection Method	Colorimetric
Limit of Detection	2 U/L
Regulation Status	For research use only (RUO)
Storage Instruction	Store the kit at -20°C.
Note	Result Data Result Data Kinetics of beta-glucosidase reaction in 96-well plate assay.

## Applications

• Functional Study



### **Publication Reference**

• Cytosolic dsDNA of mitochondrial origin induces cytotoxicity and neurodegeneration in cellular and zebrafish models of Parkinson's disease.

Hideaki Matsui, Junko Ito, Noriko Matsui, Tamayo Uechi, Osamu Onodera, Akiyoshi Kakita. Nature Communications 2021 May; 12(1):3101.

Application: Enzyme, Zebrafish, Zebrafish brain

 <u>Silencing of Glucocerebrosidase Gene in Drosophila Enhances the Aggregation of Parkinson's Disease</u> <u>Associated α-Synuclein Mutant A53T and Affects Locomotor Activity.</u>

Abul Khair SB, Dhanushkodi NR, Ardah MT, Chen W, Yang Y, Haque ME. Frontiers in Neuroscience 2018 Feb; 12:81.

Application: Func, Firefly, Firefly heads

 Molecular and biochemical characterization of recombinant cel12B, cel8C, and peh28 overexpressed in Escherichia coli and their potential in biofuel production.

Ibrahim E, Jones KD, Taylor KE, Hosseney EN, Mills PL, Escudero JM. Amino Acids 2017 Feb; 10:52.

Application: Enzyme, Quant, Recombinant protein

The chemomodulatory effects of glufosfamide on docetaxel cytotoxicity in prostate cancer cells.

Attia RT, Tolba MF, Trivedi R, Tadros MG, Arafa HMM, Abdel-Naim AB. PeerJ 2016 Jun; 4:e2168.

Application: Func, Human, U87, PC-3, LNCaP cells