Product Datasheet

Glucosylceramidase/GBA Assay Kit (Colorimetric) KA1611

Unit Size: 1 Kit

Store at -20C.

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Publications: 5

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KA1611

Glucosylceramidase/GBA Assay Kit (Colorimetric)

Product Information

Unit Size	1 Kit
Concentration	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
Storage	Store at -20C.
Buffer	

Product Description

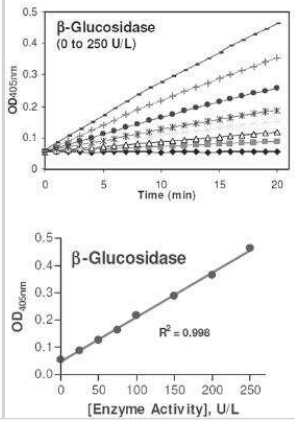
Description	beta-Glucosidase Assay Kit is a colorimetric kinetic determination of beta-Glucosidase activity.
Gene ID	2629
Gene Symbol	GBA1
Species	Non-species specific
Kit Components	Assay Buffer: (pH 7.0), ß-NPG Substrate, Calibrator: (equivalent to 250 U/L)
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Standard Curve Range	2 to 250 U/L
Sensitivity	2 U/L
Assay Type	Colorimetric
Suitable Sample Type	Biological
Sample Volume	20 uL

Product Application Details

Applications	Functional, Enzyme Activity, Quantification
Recommended Dilutions	Functional, Enzyme Activity, Quantification

Images

Enzyme Activity: Glucosylceramidase/GBA Colorimetric Assay Kit [KA1611] - Kinetics of beta-glucosidase reaction in 96-well plate assay.



Publications

Hideaki M, Junko I, Noriko M et al. Cytosolic dsDNA of mitochondrial origin induces cytotoxicity and neurodegeneration in cellular and zebrafish models of Parkinson's disease. Nat Commun. 2021-05-25 [PMID: 34035300]

Abul S, Dhanushkodi N, Ardah M et al. Silencing of Glucocerebrosidase Gene in Drosophila Enhances the Aggregation of Parkinson's Disease Associated ?-Synuclein Mutant A53T and Affects Locomotor Activity. Front Neurosci. 2018-02-16 [PMID: 29503608]

Riessland M, Kolisnyk B, Kim TW et al. Loss of SATB1 Induces p21-Dependent Cellular Senescence in Post-mitotic Dopaminergic Neurons Cell Stem Cell 2019-09-10 [PMID: 31543366] (Human, Mouse)

Ibrahim E, Jones KD, Taylor KE et al. Molecular and biochemical characterization of recombinant cel12B, cel8C, and peh28 overexpressed in Escherichia coli and their potential in biofuel production. Biotechnol Biofuels 2017-02-27 [PMID: 28413443]

Attia RT, Tolba MF, Trivedi R et al. The chemomodulatory effects of glufosfamide on docetaxel cytotoxicity in prostate cancer cells Peer J 2016-06-29 [PMID: 27413637]

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Products Related to KA1611

NBP2-52148-0.05mg	Recombinant Human Glucosylceramidase/GBA His Protein
M6000B-1	IL-6 [HRP]
H00002629-M01	Glucosylceramidase/GBA Antibody (2E2)
NB300-268	LRRK2 Antibody - BSA Free

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Kits are guaranteed for 6 months from date of receipt.

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