

General Beta-Glucosidase Assay Kit | SCO6604 assay kit

Beta-Glucosidase Microplate Assay Kit

CATALOG # AAA261578	REACTIVITY General	APPLICATIONS Functional Assay
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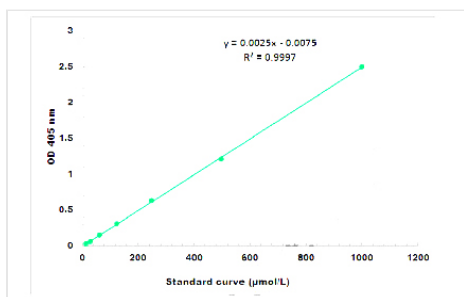
PRODUCT SYNONYMS

Beta-Glucosidase; Beta-Glucosidase Microplate Assay Kit; EC 3.2.1.21; Beta-glucosidase; Amygdalase; Beta-D-glucoside glucohydrolase; Cellobiase; Gentobiase; SCO6604 assay kit

PRODUCT SPECIFICATIONS

Reactivity	General
Sequence Length	468
Applicable Applications for SCO6604 assay kit	FA (Functional Assay)
Preparation and Storage	Shipped and store at 4 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SCO6604 assay kit	Background/Introduction: beta-catenin is a 781 amino acid adherens junction protein that plays an important role in two unrelated cellular functions. Adherens junctions are critical for establishment and maintenance of epithelial layers, such as those found lining the surface of organs. Involved in both cell-cell adhesion and in the wnt/wg signaling pathway, beta-catenin can be found in the cytoplasm or the nucleus ³ . In the cytoplasm, beta-catenin is unstabilized by phosphorylation and association with E-cadherin. When beta-catenin translocates to the nucleus, it has comparatively low levels of phosphorylation. Wnt/wg signaling results in beta-catenin accumulation and transcriptional activation of specific target genes during development. Deregulation of beta-catenin signaling is an important event in the evolution a number of malignancies, including colon cancer ⁴ , melanoma, ovarian cancer ⁵ , and prostate cancer ⁶ . The homology between human, mouse and rat beta-catenin is 99.9%.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	32141308
NCBI GeneID	1102043
NCBI Accession #	NP_733708.1
NCBI GenBank Nucleotide #	NC_003888.3

NCBI Official Full Name	beta-glucosidase, partial
NCBI Official Symbol	SCO6604
NCBI Official Synonym Symbols	SC1F2.01
NCBI Protein Information	beta-glucosidase

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/general-assay-kits/beta-glucosidase/261578>