

Rat Beta-Glucosidase (GBA) ELISA Kit | GBA elisa kit

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CATALOG #
AAA56022

REACTIVITY
Rat

PRODUCT SYNONYMS

Beta-Glucosidase (GBA); Rat Beta-Glucosidase (GBA) ELISA Kit; GBA1; GCB; GLUC; D-glucosyl-N-acylsphingosine glucosylhydrolase; beta-glucocerebrosidase; glucocerebrosidase; lysosomal glucocerebrosidase; GBA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat GBA. No significant cross-reactivity or interference between Rat GBA and analogues was observed.
Sequence Length	536
Assay Type	Quantitative Sandwich
Samples	Serum, Plasma, Other Biological Fluids
Detection Wavelength	450 nm
Intra-assay Precision (Precision within an assay)	Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision.
Inter-assay Precision (Precision between assays)	Three samples of known concentration were tested in forty separate assays to assess inter-assay precision.
CV (%)	= SD/meanX100
Intra-Assay	CV
Inter-Assay	CV
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for GBA elisa kit	This assay employs a two-site sandwich ELISA to quantitate GBA in samples. An antibody specific for GBA has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any GBA present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for GBA is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of GBA bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	114051796
NCBI GeneID	537087
NCBI Accession #	NP_001039886.1
NCBI GenBank Nucleotide #	NM_001046421.2

UniProt Accession #	Q2KHZ8
Molecular Weight	59,855 Da
NCBI Official Full Name	glucosylceramidase
NCBI Official Synonym Full Names	glucosylceramidase beta
NCBI Official Symbol	GBA
NCBI Protein Information	glucosylceramidase
UniProt Protein Name	Glucosylceramidase
UniProt Gene Name	GBA

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://www.aaabiotech.com/rat-elisa-kits/beta-glucosidase-gba/56022>