

Human Glucosylceramidase, GBA ELISA Kit | GBA elisa kit

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CATALOG #
AAA123538

REACTIVITY
Human

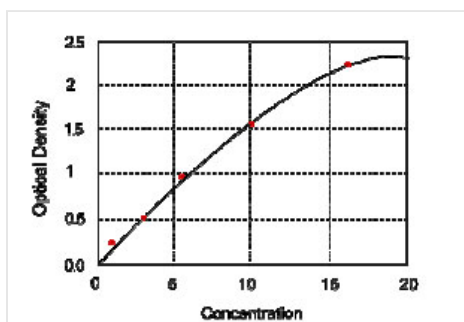
PRODUCT SYNONYMS

Glucosylceramidase; GBA; Human Glucosylceramidase; GBA ELISA Kit; GBA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	487
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.1ng/ml - 40ng/ml
Sensitivity	0.049ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GBA elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Glucosylceramidase (also known as GBA) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human GBA antibody. GBA present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human GBA Antibody is added and binds to GBA in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated GBA antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human GBA. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	284807152
NCBI GeneID	2629
NCBI GenBank Nucleotide #	NP_001165283.1
UniProt Accession #	P04062
NCBI Official Full Name	lysosomal acid glucosylceramidase isoform 3
NCBI Official Synonym Full Names	glucosylceramidase beta
NCBI Official Symbol	GBA
NCBI Official Synonym Symbols	GCB; GBA1; GLUC
NCBI Protein Information	lysosomal acid glucosylceramidase
UniProt Protein Name	Glucosylceramidase
UniProt Gene Name	GBA
UniProt Synonym Gene Names	GC; GLUC; Beta-GC
UniProt Entry Name	GLCM_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/human-elisa-kits/glucosylceramidase-gba/123538>