

Human Cytosolic beta-glucosidase ELISA Kit | GBA3 elisa kit

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CATALOG #
AAA100583

REACTIVITY
Human

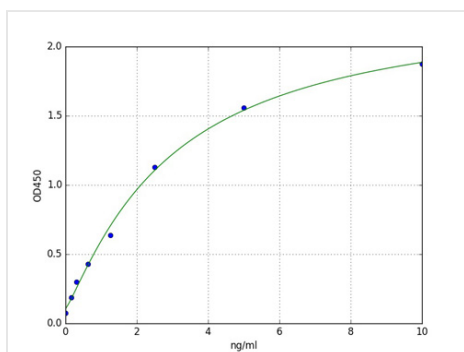
PRODUCT SYNONYMS

Cytosolic beta-glucosidase; Human Cytosolic beta-glucosidase ELISA Kit; GBA3/Cytosolic beta-glucosidase/Cytosolic beta-glucosidase-like protein 1/CBG/CBGL1/CBGL1/GLUC/KLrP/klotho-related protein/glucosidase; beta; acid 3 (cytosolic); GBA3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	469
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human GBA3 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.076	0.104	0.125	0.223	0.390	0.751	1.679	2.615

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GBA3 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human GBA3antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human GBA3 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRPStreptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human GBA3 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration ofHuman GBA3can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	11612164
NCBI GeneID	57733
Molecular Weight	18,265 Da
NCBI Official Full Name	cytosolic beta-glucosidase
NCBI Official Synonym Full Names	glucosidase, beta, acid 3 (gene/pseudogene)
NCBI Official Symbol	GBA3
NCBI Official Synonym Symbols	CBG; GLUC; KLRP; CBGL1
NCBI Protein Information	cytosolic beta-glucosidase
UniProt Protein Name	Cytosolic beta-glucosidase
UniProt Gene Name	GBA3
UniProt Synonym Gene Names	CBG; CBGL1
UniProt Entry Name	GBA3_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.

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Online datasheet: <https://www.aaabiotech.com/gba3-human-elisa-kits/cytosolic-beta-glucosidase/100583>