

Human beta-glucuronidase (betaGD) ELISA Kit | betaGD elisa kit

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CATALOG # AAA54691	REACTIVITY Human
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PRODUCT SYNONYMS

beta-glucuronidase (betaGD); Human beta-glucuronidase (betaGD) ELISA Kit; Human b-glucuronidase (bGD) ELISA Kit; betaGD elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	651
Assay Type	Sandwich
Detection Range	20 ng/mL-0.312 ng/mL
Sensitivity	Up to 0.06 ng/mL
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for betaGD elisa kit	Principle of the Assay: As mentioned above, this kit utilizes the Double Antibody Sandwich ELISA technique. The pre-coated antibody is an anti-Human betaGD monoclonal antibody, while the detection antibody is a biotinylated polyclonal antibody. Samples and biotinylated antibodies are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample are positively correlated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	268834192
NCBI GeneID	2990
NCBI Accession #	NP_000172.2
NCBI GenBank Nucleotide #	NM_000181.3
Molecular Weight	58,345 Da
NCBI Official Full Name	beta-glucuronidase isoform 1
NCBI Official Synonym Full Names	glucuronidase, beta
NCBI Official Symbol	GUSB
NCBI Official Synonym Symbols	BG; MPS7
NCBI Protein Information	beta-glucuronidase; beta-G1; beta-D-glucuronidase

UniProt Protein Name	Beta-glucuronidase
UniProt Gene Name	GUSB
UniProt Entry Name	BGLR_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/human-elisa-kits/beta-glucuronidase-betagd/54691>