

Mouse Beta-glucuronidase ELISA Kit | Gusb elisa kit

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CATALOG #
AAA100809

REACTIVITY
Mouse

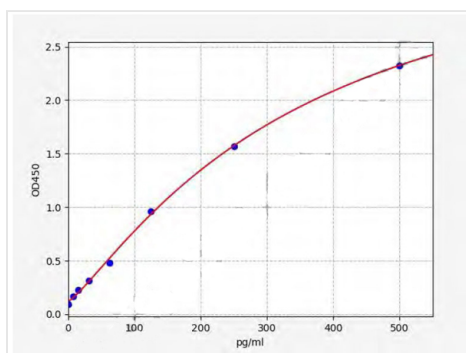
PRODUCT SYNONYMS

Beta-glucuronidase; Mouse Beta-glucuronidase ELISA Kit; Gusb/Beta-G1/MPS7/beta-D-glucuronidase/beta-G1/Beta-G1/BG/EC 3.2.1.31/FLJ39445/glucuronidase; beta/MPS7; Gusb elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Gusb. No significant cross-reactivity or interference between Gusb and analogues was observed.
Sequence Length	651
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	7.813-500pg/ml
Sensitivity	4.688pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
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)

ADDITIONAL INFORMATION

Related Product Information for Gusb elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin 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 target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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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
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://stage.aaabiotech.com/gusb-mouse-elisa-kits/beta-glucuronidase/100809>