

Rat beta-glucuronidase, betaGD ELISA Kit | betaGD elisa kit

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CATALOG #
AAA41116

REACTIVITY
Rat

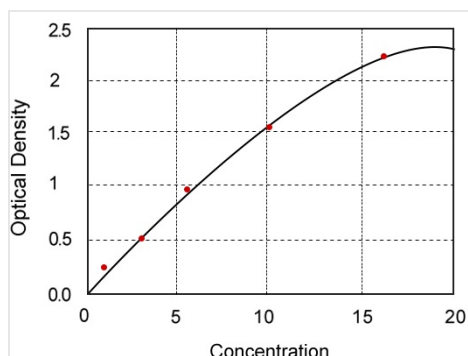
PRODUCT SYNONYMS

beta-glucuronidase; betaGD; Rat beta-glucuronidase; betaGD ELISA Kit; betaGD elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	651
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 20ng/ml
Sensitivity	0.02ng/ml
Intra-Assay	CV<8%
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 betaGD elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Beta Glucuronidase (also known as ?-GD) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat ?-GD antibody. ?-GD present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat ?-GD Antibody is added and binds to ?-GD in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated ?-GD 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 Rat ?-GD. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	268834192
NCBI GeneID	2990
NCBI Accession #	NP_000172.2
NCBI GenBank Nucleotide #	NM_000181.3
UniProt Accession #	P08236; Q549U0; Q96CL9; B4E1F6; E9PCV0
Molecular Weight	69,142 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

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/rat-elisa-kits/beta-glucuronidase-betagd/41116>