

Cat Beta-glucuronidase ELISA Kit | GUSB elisa kit

Cat Beta-glucuronidase (GUSB) ELISA Kit

CATALOG # AAA55916	REACTIVITY Cat
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PRODUCT SYNONYMS

Beta-glucuronidase; Cat Beta-glucuronidase (GUSB) ELISA Kit; tcag7.927; BG; FLJ39445; MPS7; beta-D-glucuronidase; GUSB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Cat
Specificity	This assay has high sensitivity and excellent specificity for detection of Cat GUSB. No significant cross-reactivity or interference between Cat GUSB and analogues was observed.
Sequence Length	651
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	31.25 pg/mL - 2000 pg/mL
Sensitivity	15.6 pg/mL (mean of 6 independent assays)
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times 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 forty separate assays to assess inter-assay precision. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for GUSB elisa kit	Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate GUSB in Cat serum, plasma. An antibody specific for GUSB has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any GUSB present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for GUSB is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of GUSB bound in the initial step. The color development is stopped and the intensity of the color is measured. Intended Uses: For the quantitative detection of Cat Beta-glucuronidase (GUSB) concentration in serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	57163843
NCBI GeneID	493879
NCBI Accession #	NP_001009310.1
NCBI GenBank Nucleotide #	NM_001009310.1
UniProt Accession #	O97524

Molecular Weight	74,610 Da
NCBI Official Full Name	beta-glucuronidase
NCBI Official Symbol	GUSB
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://www.aaabiotech.com/gusb-cat-elisa-kits/beta-glucuronidase/55916>