

Human Glucuronidase, beta ELISA Kit | GUSb elisa kit

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CATALOG #
AAA84968

REACTIVITY
Human

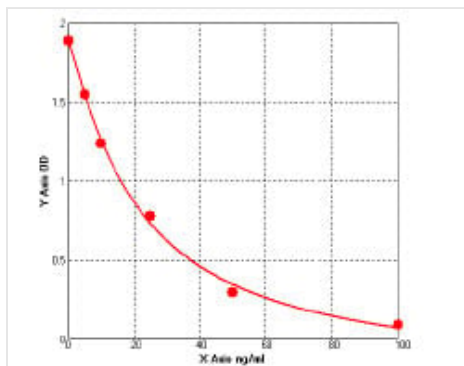
PRODUCT SYNONYMS

Glucuronidase; beta; Human Glucuronidase; beta ELISA Kit; b ELISA Kit; GUSb elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
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. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between GUSB and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive or Sandwich
Sensitivity	1.0 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GUSB elisa kit	Intended Uses: This GUSB ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human GUSB. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: GUSB ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-GUSB antibody and an GUSB-HRP conjugate. The assay sample and buffer are incubated together with GUSB-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the GUSB concentration since GUSB from samples and GUSB-HRP conjugate compete for the anti-GUSB antibody binding site. Since the number of sites is limited, as more sites are occupied by GUSB from the sample, fewer sites are left to bind GUSB-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The GUSB concentration in each sample is interpolated from this standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	296473280
NCBI GeneID	515687
NCBI Official Full Name	TPA: glucuronidase, beta
NCBI Official Synonym Full Names	glucuronidase, beta<
NCBI Official Symbol	GUSB
NCBI Protein Information	beta-glucuronidase

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-human-elisa-kits/glucuronidase-beta/84968>