

Chicken Glucuronidase, Beta ELISA Kit | GUSb elisa kit

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CATALOG #
AAA90993

REACTIVITY
Chicken

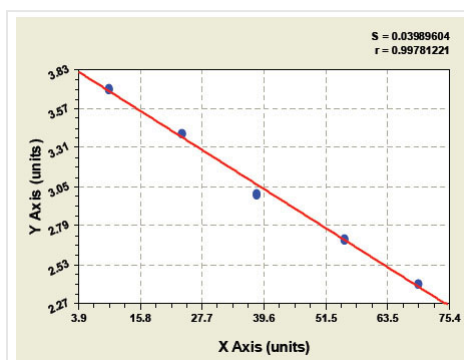
PRODUCT SYNONYMS

Glucuronidase; Beta; Chicken Glucuronidase; Beta ELISA Kit; GUSb elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 pg/mL.
Intended Uses	This GUSb ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken GUSb. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GUSb elisa kit

Principle of the Assay: GUSb ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal 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.

Product Categories/Family for GUSb elisa kit

Metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	296473280
NCBI GeneID	515687
NCBI Official Full Name	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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/gusb-chicken-elisa-kits/glucuronidase-beta/90993>