

General Glutathione S Transferase ELISA Kit | GST elisa kit

General species Glutathione S Transferase (GST) (Sandwich ELISA) ELISA Kit

CATALOG #
AAA190089

REACTIVITY
General

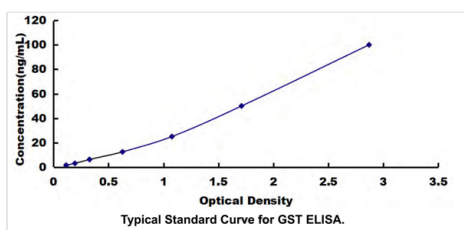
PRODUCT SYNONYMS

Glutathione S Transferase; General species Glutathione S Transferase (GST) (Sandwich ELISA) ELISA Kit; GST-Tag; ELISA Kit for Glutathione S Transferase (GST); GST elisa kit

PRODUCT SPECIFICATIONS

Reactivity	General
Specificity	This assay has high sensitivity and excellent specificity for detection of GST. No significant cross-reactivity or interference between GST and analogues was observed.
Samples	Biological fluids
Detection Range	1.56-100ng/mL
Sensitivity	< 0.57ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level GST were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level GST were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	4 degree C for 1 month/ -20 degree C for long-term(within shelf life). Shelf life is one year

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GST elisa kit

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to GST. Standards or samples are then added to the appropriate microtiter plate wells with a Horseradish Peroxidase (HRP)-conjugated antibody specific to GST. After TMB substrate solution is added, those wells that contain GST will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of GST in the samples is then determined by comparing the O.D. of the samples to the standard curve.

Intended Uses: The kit is an enzyme immunoassay for in vitro quantitative measurement of GST in biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #	121697
UniProt Accession #	P08515
Molecular Weight	25.4 kDa (218aa)
NCBI Official Full Name	Glutathione S-transferase class-mu 26 kDa isozyme
UniProt Protein Name	Glutathione S-transferase class-mu 26 kDa isozyme
UniProt Gene Name	GST 26
UniProt Synonym Gene Names	GST 26
UniProt Entry Name	GST26_SCHJA

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/gst-general-elisa-kits/glutathione-s-transferase/190089>