

## Mouse GSTs (Glutathione S Transferases) ELISA Kit | GSTs elisa kit

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CATALOG #  
**AAA276986**

REACTIVITY  
**Mouse**

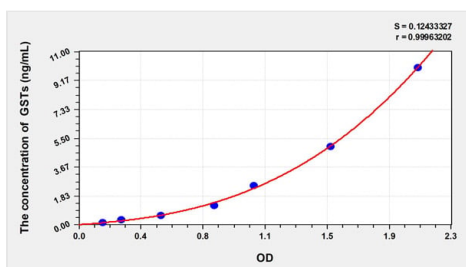
### PRODUCT SYNONYMS

GSTs (Glutathione S Transferases); Mouse GSTs (Glutathione S Transferases) ELISA Kit; GSTs; GST-ST; GST ST; GSTs elisa kit

### PRODUCT SPECIFICATIONS

|                       |                                                                                                                                                                                       |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity            | Mouse                                                                                                                                                                                 |
| Specificity           | This assay has high sensitivity and excellent specificity for detection of Mouse GSTs. No significant cross-reactivity or interference between Mouse GSTs and analogues was observed. |
| Assay Type            | Sandwich                                                                                                                                                                              |
| Detection Range       | 0.16-10 ng/mL                                                                                                                                                                         |
| Sensitivity           | 0.056 ng/mL                                                                                                                                                                           |
| Intra-assay Precision | Intra-assay Precision (Precision within an assay)? CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision.                |
| Inter-assay Precision | Inter-assay Precision (Precision between assays)? CV%<10%. Three samples of known concentration were tested in forty separate assays to assess inter-assay precision.                 |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for GSTs elisa kit

Principle of the Assay: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Glutathione S Transferases(GSTs). Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Glutathione S Transferases(GSTs). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Glutathione S Transferases(GSTs), biotin-conjugated antibody and enzyme-conjugated Avidin 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 Glutathione S Transferases(GSTs) in the samples is then determined by comparing the OD of the samples to the standard curve.

#### Product Categories/Family for GSTs elisa kit

[Enzyme & Kinase](#); [Metabolic pathway](#); [Tumor immunity](#); [Hepatology](#)

**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/mouse-elisa-kits/gsts-glutathione-s-transferases/276986>