

## Rat GYS2 ELISA Kit | GYS2 elisa kit

Rat GYS2 (Glycogen Synthase 2, Liver) ELISA Kit

CATALOG #  
**AAA165903**

REACTIVITY  
**Rat**

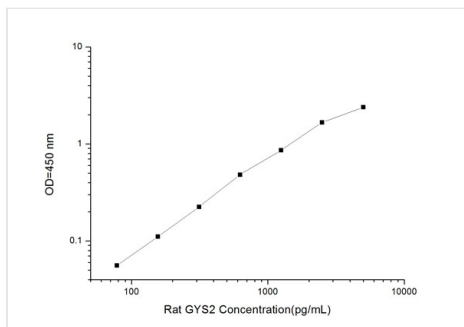
### PRODUCT SYNONYMS

GYS2; Rat GYS2 (Glycogen Synthase 2; Liver) ELISA Kit; GYS2 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                    |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Rat                                                                                                                                                |
| Specificity             | This kit recognizes natural and recombinant Rat GYS2. No significant cross-reactivity or interference between Rat GYS2 and analogues was observed. |
| Samples                 | Serum, Plasma, Biological Fluids                                                                                                                   |
| Assay Type              | Sandwich                                                                                                                                           |
| Detection Range         | 78.125-5000pg/mL                                                                                                                                   |
| Sensitivity             | Min: 46.875pg/mL; Max: 5000pg/mL                                                                                                                   |
| Preparation and Storage | Store at 4 degree C.                                                                                                                               |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for GYS2 elisa kit

**Intended Uses:** This ELISA kit applies to the invitro quantitative determination of Rat GYS2 concentrations in serum, plasma and other biological fluids.

**Principle of the Assay:** This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to GYS2. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for GYS2 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain GYS2, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of GYS2. You can calculate the concentration of GYS2 in the samples by comparing the OD of the samples to the standard curve.

**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](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/rat-elisa-kits/gys2/165903>