

## Human Gly (Glycine) ELISA Kit | Gly elisa kit

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CATALOG #  
AAA277267

REACTIVITY  
Human

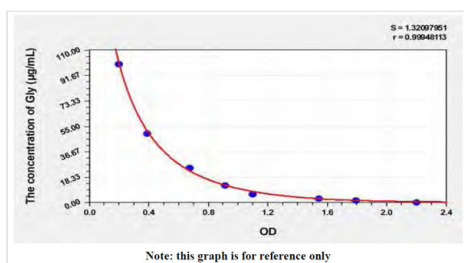
### PRODUCT SYNONYMS

Gly (Glycine); Human Gly (Glycine) ELISA Kit; Glycine; Gly elisa kit

### PRODUCT SPECIFICATIONS

|                       |                                                                                                                                                                                     |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity            | Human                                                                                                                                                                               |
| Specificity           | This assay has high sensitivity and excellent specificity for detection of Human Gly. No significant cross-reactivity or interference between Human Gly and analogues was observed. |
| Assay Type            | Competitive                                                                                                                                                                         |
| Detection Range       | 1.57-100 ug/mL                                                                                                                                                                      |
| Sensitivity           | 0.57 ug/mL                                                                                                                                                                          |
| Intra-assay Precision | Intra-assay Precision (Precision within an assay)?CV% < 8%. Three samples of known concentration were tested twenty times on 1 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 Gly elisa kit

Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Human Gly protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human Gly. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. 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  $\pm$  10nm. The concentration of Human Gly in the samples is then determined by comparing the OD of the samples to the standard curve.

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

Microbiology and biochemistry

**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.

