

## Rat beta-glucosidase (beta-GLU) ELISA Kit | beta-GLU elisa kit

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CATALOG #  
**AAA121193**

REACTIVITY  
**Rat**

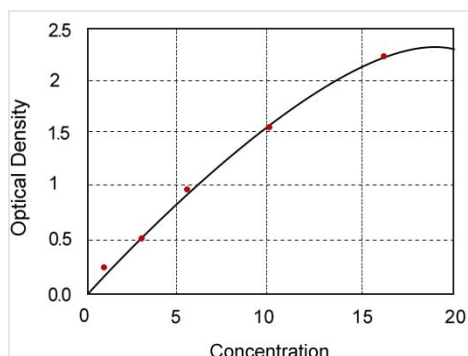
### PRODUCT SYNONYMS

beta-glucosidase (beta-GLU); Rat beta-glucosidase (beta-GLU) ELISA Kit; beta-GLU elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                          |
|-------------------------|--------------------------------------------------------------------------|
| Reactivity              | Rat                                                                      |
| Sequence Length         | 233                                                                      |
| Samples                 | Serum, plasma, cell culture supernates, cell lysates, tissue homogenates |
| Assay Type              | Quantitative Sandwich                                                    |
| Detection Range         | 0.1ng/ml - 40ng/ml                                                       |
| Sensitivity             | 0.043ng/ml                                                               |
| Intra-Assay             | CV<8%                                                                    |
| Inter-Assay             | CV<10%                                                                   |
| Preparation and Storage | Store at 2 to 8 degree C for 6 months.                                   |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for beta-GLU elisa kit

**Intended Uses:** This sandwich kit is for the accurate quantitative detection of Rat Beta Glucosidase (also known as  $\beta$ -GLU) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

**Principles of the Assay:** This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat  $\beta$ -GLU antibody.  $\beta$ -GLU present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat  $\beta$ -GLU Antibody is added and binds to  $\beta$ -GLU in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated  $\beta$ -GLU antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Rat  $\beta$ -GLU. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

|                         |                   |
|-------------------------|-------------------|
| NCBI GI #               | 225639717         |
| Molecular Weight        | 26,155 Da         |
| NCBI Official Full Name | beta-Glu, partial |
| UniProt Protein Name    | Beta-Glu          |
| UniProt Gene Name       | Glu               |

**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/rat-elisa-kits/beta-glucosidase-beta-glu/121193>