

## Mouse Glycated hemoglobin A1c ELISA Kit | GHbA1c elisa kit

Mouse Glycated hemoglobin A1c (GHbA1c) ELISA Kit

CATALOG #  
**AAA55475**

REACTIVITY  
**Mouse**

### PRODUCT SYNONYMS

Glycated hemoglobin A1c; Mouse Glycated hemoglobin A1c (GHbA1c) ELISA Kit; GHbA1c elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                       |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Mouse                                                                                                                                                                                                 |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of Mouse GHbA1c. No significant cross-reactivity or interference between Mouse GHbA1c and analogues was observed.             |
| Samples                 | Serum, plasma and other biological fluids                                                                                                                                                             |
| Assay Type              | Quantitative Sandwich                                                                                                                                                                                 |
| Detection Range         | 0.31 ug/mL - 20 ug/mL                                                                                                                                                                                 |
| Sensitivity             | 0.1 ug/mL                                                                                                                                                                                             |
| Intra-assay Precision   | Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%                      |
| Inter-assay Precision   | Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100. Inter-Assay: CV<12% |
| Preparation and Storage | Store at 2-8 degree C.                                                                                                                                                                                |

### ADDITIONAL INFORMATION

#### Related Product Information for GHbA1c elisa kit

Intended Uses: For the quantitative detection of Mouse Glycated hemoglobin A1c (GHbA1c) concentration in serum, plasma and other biological fluids.

Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate GHbA1c in Mouse serum, plasma. An antibody specific for GHbA1c has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any GHbA1c present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for GHbA1c is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of GHbA1c bound in the initial step. The color development is stopped and the intensity of the color is measured.

**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://www.aaabiotech.com/ghba1c-mouse-elisa-kits/glycated-hemoglobin-a1c/55475>