

Pig Glycated hemoglobin A1c ELISA Kit | GHbA1c elisa kit

Pig Glycated hemoglobin A1c (GHbA1c) ELISA Kit

CATALOG #
AAA13197

REACTIVITY
Pig

PRODUCT SYNONYMS

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

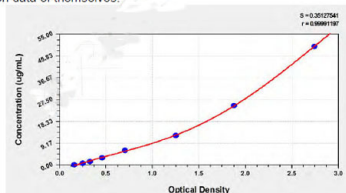
PRODUCT SPECIFICATIONS

Reactivity	Pig
Specificity	This assay has high sensitivity and excellent specificity for detection of Pig GHbA1c. No significant cross-reactivity or interference between Pig GHbA1c and analogues was observed.
Samples	Serum, plasma, lysate for rbc and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	3.12 ug/mL - 200 ug/mL
Sensitivity	2.08 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.

IMAGES

【TYPICAL DATA】

For convenience in result calculation, absorbance as abscissa and standard concentrations can be used as ordinate. The standard curve provided in the manual is only for reference, experimenters should draw the standard curve based on data of themselves.



Precautions: This kit contains trace amount of proclin® 300 which is toxic and direct touch of reagents by mouth, eyes, and skin should be avoided. If get touched or get into the mouth, please rinse with plenty of water. The Stop Buffer is a corrosive sulfuric acid solution, please take care for safety.

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GHbA1c elisa kit	Intended Uses: For the quantitative detection of Pig Glycated hemoglobin A1c (GHbA1c) concentration in serum, plasma, lysate for RBC and other biological fluids. Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate GHbA1c in Pig serum, plasma or lysate for RBC. 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.
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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/ghba1c-pig-elisa-kits/glycated-hemoglobin-a1c/13197>