

Human Glycosylated hemoglobin A1c ELISA Kit | HbA1c elisa kit

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CATALOG #
AAA57440

REACTIVITY
Human

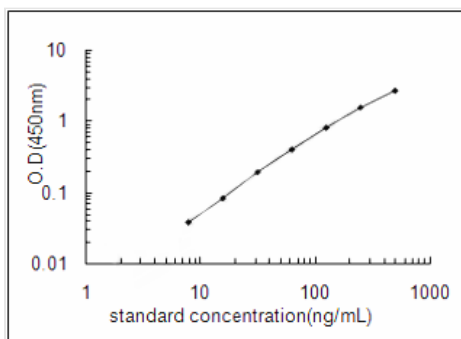
PRODUCT SYNONYMS

Glycosylated hemoglobin A1c; Human Glycosylated hemoglobin A1c ELISA Kit; HbA1c; HbA1c elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural human Glycosylated hemoglobin A1c. No significant cross-reactivity or interference was observed.
Assay Type	Competitive
Detection Range	7.8-500 ng/mL
Sensitivity	3.9ng/mL
Intra-Assay CV	<=5.5%
Inter-Assay CV	<=10.7%
Recovery	103%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HbA1c elisa kit	Intended Uses This immunoassay kit allows for the in vitro quantitative determination of human glycosylated hemoglobin a1c,Glycosylated hemoglobin A1c concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Glycosylated hemoglobin A1c. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for Glycosylated hemoglobin A1c and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Glycosylated hemoglobin A1c, biotin- conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Glycosylated hemoglobin A1c in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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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/hba1c-human-elisa-kits/glycosylated-hemoglobin-a1c/57440>