

Human Glycosylated Hemoglobin A1c (HbA1c) ELISA Kit | HbA1c elisa kit

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CATALOG #
AAA72687

REACTIVITY
Human

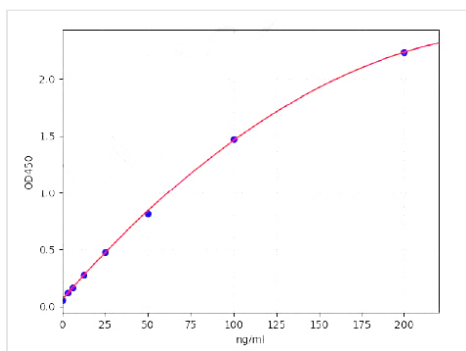
PRODUCT SYNONYMS

Glycosylated Hemoglobin A1c (HbA1c); Human Glycosylated Hemoglobin A1c (HbA1c) ELISA; HbA1c elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of HbA1c. No significant cross-reactivity or interference between HbA1c and analogues was observed.
Samples	Serum, plasma, tissue homogenates and other biological fluids
Assay Type	Sandwich
Detection Range	3.125 - 200 pg/mL
Sensitivity	1.875 ng/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HbA1c elisa kit	Intended Uses: The Human Glycosylated hemoglobin A1c (HbA1c) ELISA has been designed for the detection of HbA1c in serum, plasma, tissue homogenates and other biological fluids.For research use only, Principle of the Assay: This kit is based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody is pre-coated onto 96-well plates. And the biotin conjugated antibody is used as detection antibodies. The standards, test samples and biotin conjugated detection antibody are added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin is added and unbound conjugates are washed away with wash buffer. TMB substrates are used to visualize HRP enzymatic reaction. TMB is catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/human-elisa-kits/glycosylated-hemoglobin-a1c-hba1c/72687>