

Monkey Glycated hemoglobin A1c ELISA Kit | GHbA1c elisa kit

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CATALOG #
AAA90656

REACTIVITY
Monkey

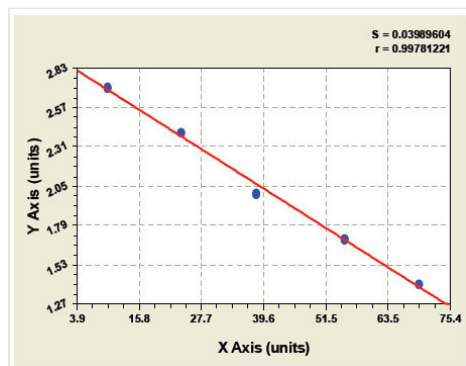
PRODUCT SYNONYMS

Glycated hemoglobin A1c; Monkey Glycated hemoglobin A1c ELISA Kit; GHbA1c elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	25-500ng/mL
Sensitivity	1.0ng/mL
Intended Uses	This GHbA1c ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey GHbA1c. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GHbA1c elisa kit

Principle of the Assay: GHbA1c ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-GHbA1c antibody and an GHbA1c-HRP conjugate. The assay sample and buffer are incubated together with GHbA1c-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the GHbA1c concentration since GHbA1c from samples and GHbA1c-HRP conjugate compete for the anti-GHbA1c antibody binding site. Since the number of sites is limited, as more sites are occupied by GHbA1c from the sample, fewer sites are left to bind GHbA1c-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The GHbA1c concentration in each sample is interpolated from this standard curve.

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-monkey-elisa-kits/glycated-hemoglobin-a1c/90656>