

Human Glycated Albumin ELISA Kit | GA elisa kit

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CATALOG #
AAA85953

REACTIVITY
Human

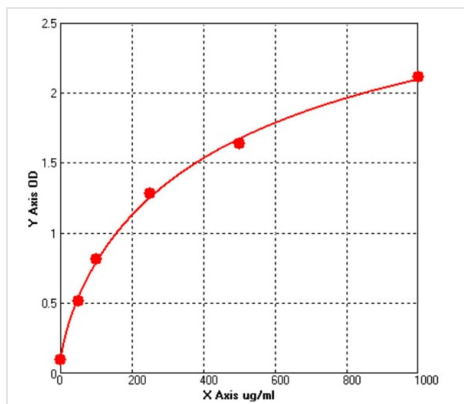
PRODUCT SYNONYMS

Glycated Albumin; Human Glycated Albumin ELISA Kit; GA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of GA. No significant cross-reactivity or interference between GA and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between GA and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive or Sandwich
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 ug/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GA elisa kit	Principle of the Assay: GA ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for GA. Standards or samples are then added to the microtiter plate wells and GA if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of GA present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for GA are added to each well to "sandwich" the GA immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain GA and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The GA concentration in each sample is interpolated from this standard curve. Intended Uses: This GA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human GA. This ELISA kit for research use only, not for therapeutic or test applications!
References	Evidence for metabolic aberrations in asymptomatic persons with type 2 diabetes after initiation of simvastatin therapy. Manish Suneja, Daniel K. Fox, Brian D. Fink, Judy A. Herlein, Christopher M. Adams, William I. Sivitzcorrespondence (2015)

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/ga-human-elisa-kits/glycated-albumin/85953>