

General Fructosamine ELISA Kit | FTA elisa kit

Fructosamine ELISA Kit

CATALOG #
AAA56137

REACTIVITY
General

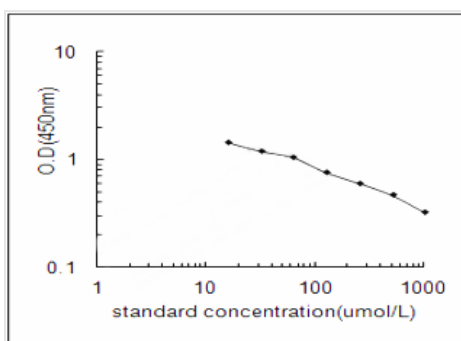
PRODUCT SYNONYMS

Fructosamine; Fructosamine ELISA Kit; FTA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	General
Specificity	This assay recognizes recombinant and natural General Fructosamine. No significant cross-reactivity or interference was observed.
Samples	Serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids.
Assay Type	Competitive
Detection Range	15.6-1000 $\mu\text{mol/L}$.
Intended Uses	This immunoassay kit allows for the in vitro quantitative determination of general Fructosamine concentrations in serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids.
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 FTA elisa kit

Principle of the Assay: The ELISA is based on the competitive binding enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Fructosamine. During the reaction, Fructosamine in the sample or standard competes with a fixed amount of biotin-labeled Fructosamine for sites on a pre-coated Monoclonal antibody specific to Fructosamine. Excess conjugate and unbound sample or standard are washed from the plate. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. 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 $\pm$ 2 nm. The concentration of Fructosamine in the samples is then determined by comparing the O.D. of the samples to the 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/fta-general-elisa-kits/fructosamine/56137>