

Human FN3K (Fructosamine-3-Kinase) ELISA Kit | FN3K elisa kit

Human FN3K (Fructosamine-3-Kinase) ELISA Kit

CATALOG #
AAA272460

REACTIVITY
Human

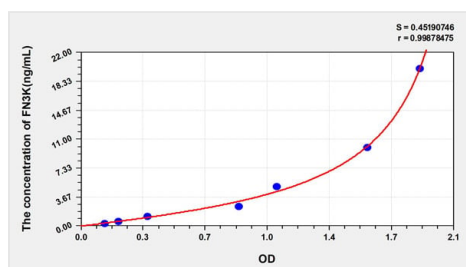
PRODUCT SYNONYMS

FN3K (Fructosamine-3-Kinase); Human FN3K (Fructosamine-3-Kinase) ELISA Kit; Fn3k;; FN3K elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human FN3K. No significant cross-reactivity or interference between Human FN3K and analogues was observed.
Assay Type	Sandwich
Detection Range	0.32-20 ng/mL
Sensitivity	0.114 ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay)? CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-assay Precision (Precision between assays)? CV%<10%. Three samples of known concentration were tested in forty separate assays to assess inter-assay precision.
Preparation and Storage	Store at 2-8 degree C. Stable for 6 months from date of receipt.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FN3K elisa kit

Principle of the Assay: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Fructosamine-3-Kinase(FN3K). Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Fructosamine-3-Kinase(FN3K). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Fructosamine-3-Kinase(FN3K), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of Fructosamine-3-Kinase(FN3K) in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for FN3K elisa kit

Enzyme & Kinase

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://stage.aaabiotech.com/human-elisa-kits/fn3k-fructosamine-3-kinase/272460>