

Mouse AGEs (Advanced Glycation End Products) ELISA Kit | AGEs elisa kit

AGEs (Advanced Glycation End Products) ELISA Kit

CATALOG #
AAA165909

REACTIVITY
Mouse

PRODUCT SYNONYMS

AGEs (Advanced Glycation End Products); AGEs (Advanced Glycation End Products) ELISA Kit; AGEs elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This kit recognizes AGEs in samples. No significant cross-reactivity or interference between AGEs and analogues was observed.
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Competitive
Detection Range	125-8000ng/mL
Sensitivity	75ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level AGEs were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level AGEs were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

ADDITIONAL INFORMATION

Related Product Information for AGEs elisa kit

Intended Uses: This ELISA kit applies to the in vitro quantitative determination of AGEs concentrations in serum, plasma and other biological fluids.

Principle of the Assay: This ELISA kit uses the Competitive-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with AGEs. During the reaction, AGEs in the sample or standard competes with a fixed amount of AGEs on the solid phase supporter for sites on the Biotinylated Detection Ab specific to AGEs. Excess conjugate and unbound sample or standard are washed from the plate, and Avidin conjugated to Horseradish Peroxidase (HRP) are 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 stop solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of AGEs in the samples is then determined by comparing the OD 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/mouse-elisa-kits/ages-advanced-glycation-end-products/165909>