

Mouse Advanced Glycosylation End Products ELISA Kit | AGEs elisa kit

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CATALOG #
AAA87905

REACTIVITY
Mouse

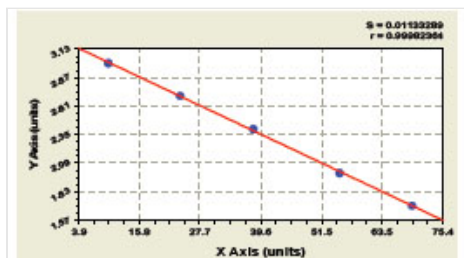
PRODUCT SYNONYMS

Advanced Glycosylation End Products; Mouse Advanced Glycosylation End Products ELISA Kit; AGEs elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	50-1000pg/mL
Sensitivity	1.0pg/mL
Intended Uses	This AGEs ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse AGEs. This ELISA kit for research use only, not for therapeutic applications
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



ADDITIONAL INFORMATION

Related Product Information for AGEs elisa kit

Principle of the assay: AGEs ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-AGEs antibody and an AGEs-HRP conjugate. The assay sample and buffer are incubated together with AGEs-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 AGEs concentration since AGEs from samples and AGEs-HRP conjugate compete for the anti-AGEs antibody binding site. Since the number of sites is limited, as more sites are occupied by AGEs from the sample, fewer sites are left to bind AGEs-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The AGEs 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.

