

Rat Microalbuminuria ELISA Kit | MAU elisa kit

Rat Microalbuminuria (MAU) (Competitive ELISA) ELISA Kit

CATALOG #
AAA190058

REACTIVITY
Rat

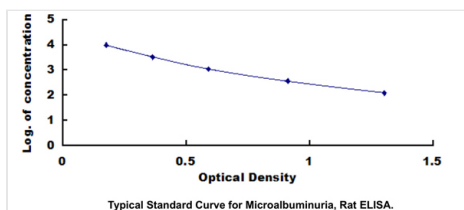
PRODUCT SYNONYMS

Microalbuminuria; Rat Microalbuminuria (MAU) (Competitive ELISA) ELISA Kit; ELISA Kit for Microalbuminuria (MAU); MAU elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of microalbuminuria. No significant cross-reactivity or interference between microalbuminuria and analogues was observed.
Assay Type	Quantitative Competitive
Samples	Rat urine and other biological fluids
Detection Range	123.5-10,000ng/mL
Sensitivity	< 50.2ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level microalbuminuria were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level microalbuminuria were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	4 degree C for 1 month/ -20 degree C for long-term(within shelf life). Shelf life is one year

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MAU elisa kit

Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. A monoclonal antibody specific to microalbuminuria has been pre-coated onto a microplate. A competitive inhibition reaction is launched between biotin labeled microalbuminuria and unlabeled microalbuminuria (Standards or samples) with the pre-coated antibody specific to microalbuminuria. After incubation the unbound conjugate is washed off. Next, avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. The amount of bound HRP conjugate is reverse proportional to the concentration of microalbuminuria in the sample. After addition of the substrate solution, the intensity of color developed is reverse proportional to the concentration of microalbuminuria in the sample.

Intended Uses: The kit is a competitive inhibition enzyme immunoassay technique for the in vitro quantitative measurement of microalbuminuria in rat urine and other biological fluids.

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/mau-rat-elisa-kits/microalbuminuria/190058>