

Mouse Arachidonic Acid ELISA Kit | AA elisa kit

Mouse Arachidonic Acid (AA) ELISA Kit

CATALOG #
AAA55719

REACTIVITY
Mouse

PRODUCT SYNONYMS

Arachidonic Acid; Mouse Arachidonic Acid (AA) ELISA Kit; AA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse ANA-IgG. No significant cross-reactivity or interference between Mouse ANA-IgG and analogues was observed.
Samples	Serum, Plasma And Other Biological Fluids
Detection Range	3.12 pg/mL-200 pg/mL
Sensitivity	1.04 pg/mL (mean of 6 independent assays).
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for AA elisa kit

Intended Uses: For the quantitative detection of Mouse Anti-nuclear IgG antibody (ANA-IgG) concentration in serum, plasma and other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with anti-mouse IgG antibody. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antigen and Streptavidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a substrate solution is added to each well. Only those wells that contain anti-mouse IgG antibody, biotin-conjugated antigen and enzyme-conjugated Streptavidin will exhibit a change in color. 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 +/- 2 nm. The concentration of ANA-IgG 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://www.aaabiotech.com/aa-mouse-elisa-kits/arachidonic-acid/55719>