

Mouse ACA-IgM (Anti-Cardiolipin Antibody IgM) ELISA Kit | ACA-IgM elisa kit

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CATALOG #
AAA277465

REACTIVITY
Mouse

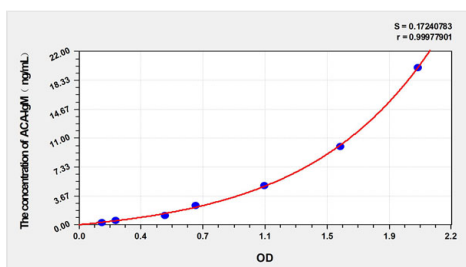
PRODUCT SYNONYMS

ACA-IgM (Anti-Cardiolipin Antibody IgM); Mouse ACA-IgM (Anti-Cardiolipin Antibody IgM) ELISA Kit; ACA-IgM; Anti-Cardiolipin Antibody IgM; ACA-IgM elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse ACA-IgM. No significant cross-reactivity or interference between Mouse ACA-IgM and analogues was observed.
Assay Type	Sandwich
Detection Range	0.31-20 ng/mL
Sensitivity	0.082 ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay)? CV% < 8%. Three samples of known concentration were tested twenty times on 1 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.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ACA-IgM 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 ACA-IgM. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to ACA-IgM. 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 ACA-IgM, 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 ± 10nm. The concentration of ACA-IgM in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for ACA-IgM elisa kit

[Cardiovascular biology](#)

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/mouse-elisa-kits/aca-igm-anti-cardiolipin-antibody-igm/277465>