

Mouse anti-double stranded DNA antibody (IgM) ELISA Kit

Mouse anti-double stranded DNA antibody, IgM ELISA Kit

CATALOG #
AAA79926

REACTIVITY
Mouse

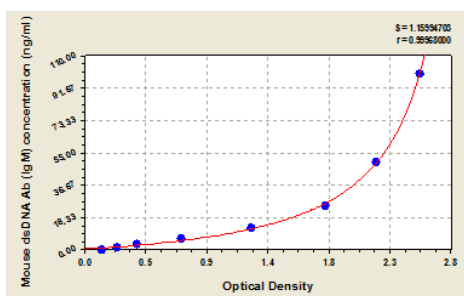
PRODUCT SYNONYMS

anti-double stranded DNA antibody (IgM); Mouse anti-double stranded DNA antibody; IgM ELISA Kit; Mouse anti-double stranded DNA antibody (IgM) ELISA Kit; anti-double stranded DNA antibody (IgM) elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse anti-double stranded DNA antibody (IgM). No significant cross-reactivity or interference between mouse anti-double stranded DNA antibody (IgM) and analogues was observed.
Samples	Serum, plasma
Detection Range	1.56 ng/ml-100 ng/ml
Sensitivity	< 0.39 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for anti-double stranded DNA antibody (IgM) elisa kit

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with anti-mouse IgM antibody. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antigen and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB (3,3',5,5' tetramethyl-benzidine) substrate solution is added to each well. Only those wells that contain anti-mouse IgM antibody, biotin-conjugated antigen and enzyme-conjugated Avidin 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 $\pm$ 2 nm. The concentration of mouse anti-double stranded DNA antibody (IgM) 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://stage.aaabiotech.com/mouse-elisa-kits/anti-double-stranded-dna-antibody-igm/79926>