

Canine Anti-M2A IgG2a Antibody ELISA Kit | D2-40Ab elisa kit

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CATALOG #
AAA94948

REACTIVITY
Canine

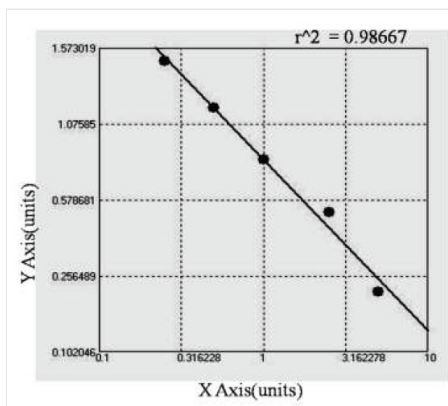
PRODUCT SYNONYMS

Anti-M2A IgG2a Antibody; Canine Anti-M2A IgG2a Antibody ELISA Kit; D2-40Ab elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	5-100ng/mL
Sensitivity	1.0ng/mL
Intended Uses	This Anti-M2A IgG2a Antibody ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine Anti-M2A IgG2a Antibody. This ELISA kit for research use only, not for therapeutic applications
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Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for D2-40Ab elisa kit	Principle of the Assay: Anti-M2A IgG2a Antibody ELISA kit applies the competitive enzyme immunoassay technique utilizing M2A IgG2a antigen and an Anti-M2A IgG2a Antibody-HRP conjugate. The assay sample and buffer are incubated together with Anti-M2A IgG2a Antibody-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 Anti-M2A IgG2a Antibody concentration since Anti-M2A IgG2a Antibody from samples and Anti-M2A IgG2a Antibody-HRP conjugate compete for the M2A IgG2a antigen binding site. Since the number of sites is limited, as more sites are occupied by Anti-M2A IgG2a Antibody from the sample, fewer sites are left to bind Anti-M2A IgG2a Antibody-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The Anti-M2A IgG2a Antibody concentration in each sample is interpolated from this standard curve.
Product Categories/Family for D2-40Ab elisa kit	Immunology

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/d2-40ab-canine-elisa-kits/anti-m2a-igg2a-antibody/94948>