

Canine anti-KLH IgM (anti-Keyhole Limpet Hemocyanin IgM) ELISA Kit | anti-KLH IgM elisa kit

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CATALOG #
AAA250815

REACTIVITY
Canine

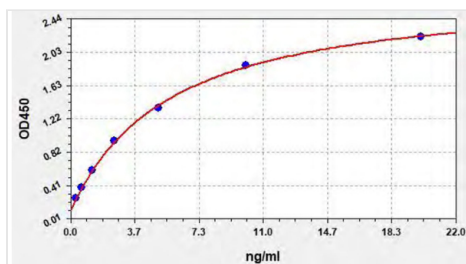
PRODUCT SYNONYMS

anti-KLH IgM (anti-Keyhole Limpet Hemocyanin IgM); Canine anti-KLH IgM (anti-Keyhole Limpet Hemocyanin IgM) ELISA Kit; anti-KLH IgM; anti-Keyhole Limpet Hemocyanin IgM; anti-KLH IgM elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Specificity	Specifically recognize Anti-KLH IgM, no obvious cross reaction with other analogues
Samples	Serum, plasma, cell culture supernatant and other biological samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
Intra-assay Precision	Intra-assay Precision: samples with low, medium and high concentration are tested 20 times on same plate.
Inter-assay Precision	Inter-assay Precision: samples with low, medium and high concentration are tested 20 times on three different plates.
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for anti-KLH IgM elisa kit

Principle of the Assay: This kit was based on Capture-ELISA detection method. Anti Canine IgM (u chain) was pre-coated onto the 96-well plate. The biotin conjugated antigen was used as the detection antigen. The standards and pilot samples were added to the wells subsequently. After incubation, unbound conjugates were removed by wash buffer. Then, biotin detection antigen was added to bind with Anti-KLH IgM conjugated on Anti Canine IgM (u chain). Excess conjugate and unbound sample or standard are washed from the plate, and HRPStreptavidin (SABC) is added to each microplate well and incubated. Then TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of a acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm. The concentration of Anti-KLH IgM in the samples is then determined by comparing the OD of the samples to the standard curve. The concentration of the target substance was inversely proportional to the OD450 value.

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/canine-elisa-kits/anti-klh-igm-anti-keyhole-limpet-hemocyanin-igm/250815>