

Dog IgM ELISA Kit

Dog IgM ELISA Kit

CATALOG #
AAA76906REACTIVITY
Dog

PRODUCT SYNONYMS

Dog IgM; Dog IgM ELISA Kit; Dog IgM elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Dog
Samples	Immunoperoxidase Assay for Determination of IgM in Dog Samples
Assay Type	Sandwich
Intended Uses	The total Dog IgM test kits are a highly sensitive two-site enzyme linked immunoassay (ELISA) for measuring IgM in biological samples of Dogs.
Preparation and Storage	Store at 4 degree C.

ADDITIONAL INFORMATION

Related Product Information for Dog IgM elisa kit	Principle of the Assay: The principle of the double antibody sandwich ELISA is represented in Figure 1. In this assay the IgM present in samples reacts with the anti-IgM antibodies which have been adsorbed to the surface of polystyrene microtitre wells. After the removal of unbound proteins by washing, anti-IgM antibodies conjugated with horseradish peroxidase (HRP), are added. These enzyme-labeled antibodies form complexes with the previously bound IgM. Following another washing step, the enzyme bound to the immunosorbent is assayed by the addition of a chromogenic substrate, 3,3',5,5'-tetramethylbenzidine (TMB). The quantity of bound enzyme varies directly with the concentration of IgM in the sample tested; thus, the absorbance, at 450 nm, is a measure of the concentration of IgM in the test sample. The quantity of IgM in the test sample can be interpolated from the standard curve constructed from the standards, and corrected for sample dilution.
Product Categories/Family for Dog IgM elisa kit	ELISA Kit

NCBI AND UNIPROT INFORMATION

NCBI GI #	685030
NCBI Official Full Name	IgM

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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