

Dog Immunoglobulin G (IgG) ELISA Kit | IgG elisa kit

Dog Immunoglobulin G, IgG ELISA Kit

CATALOG #
AAA81002

REACTIVITY
Dog

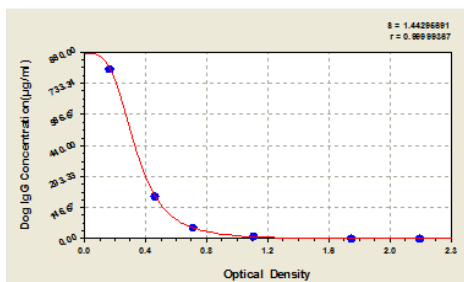
PRODUCT SYNONYMS

Immunoglobulin G (IgG); Dog Immunoglobulin G; IgG ELISA Kit; Dog Immunoglobulin G (IgG) ELISA kit; Dog Immunoglobulin G (IgG); IgG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Dog
Specificity	This assay has high sensitivity and excellent specificity for detection of dog IgG. No significant cross-reactivity or interference between dog IgG and analogues was observed.
Sequence Length	464
Samples	Serum, plasma
Assay Type	Competitive
Detection Range	3.13 mug/ml-800 mug/ml.
Sensitivity	The minimum detectable dose of dog IgG is typically less than 3.13 mug/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest dog IgG concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
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 IgG elisa kit

Principle of the assay: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with dog IgG. Standards and samples are pipetted into the wells with a Horseradish Peroxidase (HRP) conjugated antibody specific for dog IgG. Following a wash to remove any unbound reagent, a substrate solution is added to the wells and color develops in opposite to the amount of dog IgG in samples. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	21538829
NCBI Official Full Name	immunoglobulin G

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/dog-elisa-kits/immunoglobulin-g-igg/81002>