

Canine Interleukin 1 ELISA Kit | IL-1 elisa kit

Canine Interleukin 1 (IL-1) ELISA Kit

CATALOG #
AAA55428

REACTIVITY
Canine

PRODUCT SYNONYMS

Interleukin 1; Canine Interleukin 1 (IL-1) ELISA Kit; IL-1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Specificity	This assay has high sensitivity and excellent specificity for detection of Canine IgG. No significant cross-reactivity or interference between Canine IgG and analogues was observed.
Samples	Serum, Plasma And Other Biological Fluids
Detection Range	7.8 ug/mL-500 ug/mL
Sensitivity	3.9 ug/mL (mean of 6 independent assays).
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for IL-1 elisa kit

Intended Uses: For the quantitative detection of Canine Immunoglobulin G (IgG) concentration in serum, plasma and other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with Canine IgG. Samples are then added to the appropriate microtiter plate wells with a Horseradish Peroxidase (HRP)-conjugated antibody preparation specific for Canine IgG and incubated. Then substrate solutions are added to each well. Only those wells that contain Canine IgG and enzyme-conjugated Canine IgG 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 +/- 2 nm.

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/il-1-canine-elisa-kits/interleukin-1/55428>