

Canine Immunoglobulin E (IGE) ELISA Kit | IGE elisa kit

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CATALOG #
AAA122384

REACTIVITY
Canine

PRODUCT SYNONYMS

Immunoglobulin E (IGE); Canine Immunoglobulin E (IGE) ELISA Kit; IGE elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Sequence Length	569
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05?g/ml - 20?g/ml
Sensitivity	0.026?g/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IGE elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Canine Immunoglobulin E (also known as IgE) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Canine IgE antibody. IgE present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Canine IgE Antibody is added and binds to IgE in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated IgE antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Canine IgE. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	22651682
NCBI Official Full Name	immunoglobulin epsilon chain

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/canine-elisa-kits/immunoglobulin-e-ige/122384>