

Canine Immunoglobulin G ELISA Kit | IgG elisa kit

Canine Immunoglobulin G (IgG) ELISA Kit

CATALOG # AAA55534	REACTIVITY Canine
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PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Canine
Specificity	This assay has high sensitivity and excellent specificity for detection of Canine MKI67. No significant cross-reactivity or interference between Canine MKI67 and analogues was observed.
Sequence Length	464
Samples	Serum, Plasma And Other Biological Fluids
Assay Type	Quantitative Sandwich
Detection Range	0.31 ng/mL-20 ng/mL
Sensitivity	0.1 ng/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<8%
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 IgG elisa kit	Intended Uses: For the quantitative detection of Canine Antigen KI-67 (MKI67) concentration in serum, plasma and other biological fluids. Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate MKI67 in Canine serum, plasma. An antibody specific for MKI67 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MKI67 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MKI67 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of MKI67 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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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.