

Canine Thymidine Kinase 1, Soluble ELISA Kit | TK1 elisa kit

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CATALOG #
AAA19031

REACTIVITY
Canine

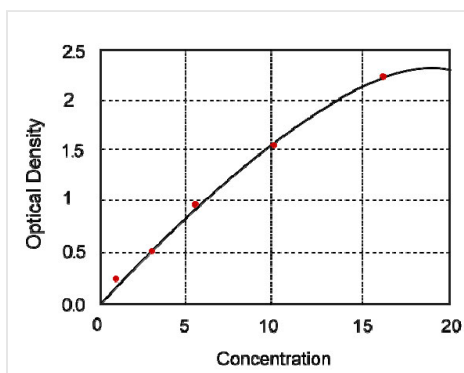
PRODUCT SYNONYMS

Thymidine Kinase 1; Soluble; Canine Thymidine Kinase 1; Soluble ELISA Kit; TK1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Sequence Length	234
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	0.05-30ng/ml
Sensitivity	0.026ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested 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 separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. 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 TK1 elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Canine TK1 antibody. TK1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Canine TK1 Antibody is added and binds to TK1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated TK1 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 TK1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Canine Thymidine Kinase 1,Soluble (also known as TK1) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	52632392
NCBI GeneID	7083
NCBI Official Full Name	Thymidine kinase 1, soluble
NCBI Official Synonym Full Names	thymidine kinase 1
NCBI Official Symbol	TK1
NCBI Official Synonym Symbols	TK2
NCBI Protein Information	thymidine kinase, cytosolic

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/thymidine-kinase-1-soluble/19031>