

Dog Thymidine Kinase (TK1) ELISA Kit | TK1 elisa kit

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CATALOG #
AAA76842

REACTIVITY
Dog

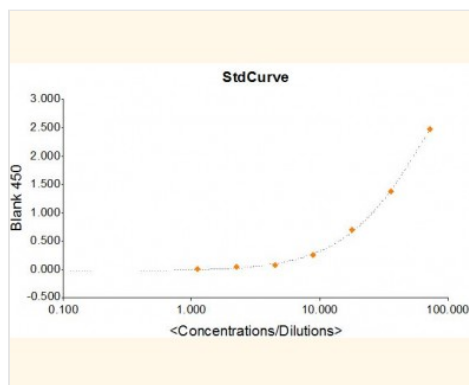
PRODUCT SYNONYMS

Thymidine Kinase (TK1); Dog Thymidine Kinase (TK1) ELISA Kit; TK1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Dog
Samples	Dog biological samples
Assay Type	Sandwich
Preparation and Storage	Store at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TK1 elisa kit

Intended Uses: The TK1 test kit is a highly sensitive two-site enzyme linked immunoassay (ELISA) for measuring TK1 in dog biological samples. If the ELISA is to be used outside the intended use, the user may need to optimize for said use.

Principle of the Assay: The principle of the double antibody sandwich ELISA is represented in Figure 1. In this assay the thymidine kinase (TK1) present in samples reacts with the anti-TK1 antibodies which have been adsorbed to the surface of polystyrene microtitre wells. After the removal of unbound proteins by washing, the Detection Antibody, biotin conjugated anti-TK1, is added and complexes are formed. Following a wash step, the horseradish peroxidase (HRP) conjugated Streptavidin is added and complexes are formed. After another washing step, the complexes are assayed by the addition of a chromogenic substrate, 3,3',5,5'-tetramethylbenzidine (TMB). The quantity of bound enzyme varies directly with the concentration of TK1 in the sample tested; thus, the absorbance, at 450 nm, is a measure of the concentration of TK1 in the test sample. The quantity of TK1 in the test sample can be interpolated from the standard curve constructed from the standards, and corrected for sample dilution.

Product Categories/Family for TK1 elisa kit

Thymidine Kinase (TK1) Immunoassays

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://stage.aaabiotech.com/dog-elisa-kits/thymidine-kinase-tk1/76842>