

Canine Sorbitol dehydrogenase (SDH) ELISA Kit | SDH elisa kit

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CATALOG #
AAA43320

REACTIVITY
Canine

PRODUCT SYNONYMS

Sorbitol dehydrogenase (SDH); Canine Sorbitol dehydrogenase (SDH) ELISA Kit; SDH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Sequence Length	318
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.5ng/ml - 90ng/ml
Sensitivity	0.22ng/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 SDH elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Canine Sorbitol Dehydrogenase (also known as SDH) 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 SDH antibody. SDH present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Canine SDH Antibody is added and binds to SDH in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated SDH 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 SDH. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	10581522
Molecular Weight	33,826 Da
NCBI Official Full Name	succinate dehydrogenase subunit
UniProt Protein Name	Succinate dehydrogenase subunit
UniProt Gene Name	sdh

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/canine-elisa-kits/sorbitol-dehydrogenase-sdh/43320>