

Canine Superoxide dismutase [Cu-Zn] ELISA Kit | Cu/Zn-SOD/SOD1 elisa kit

Canine Superoxide dismutase [Cu-Zn] (Cu/Zn-SOD/SOD1) ELISA Kit

CATALOG #
AAA180965

REACTIVITY
Canine

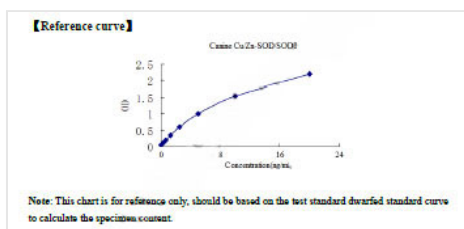
PRODUCT SYNONYMS

Superoxide dismutase [Cu-Zn]; Canine Superoxide dismutase [Cu-Zn] (Cu/Zn-SOD/SOD1) ELISA Kit; Cu/Zn-SOD/SOD1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Specificity	No cross-reaction with other factors.
Sequence Length	167
Samples	Canine Serum, Plasma Or Cell Culture Supernatant And Organizations In The Natural And Recombinant Ctn-I Concentration
Assay Type	Sandwich
Detection Range	2000 pg/ml-31.2 pg/ml
Sensitivity	12 pg/ml.
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Cu/Zn-SOD/SOD1 elisa kit

Principle of the Assay: This experiment use double-sandwich elisa technique and the ELISA Kit provided is typical. The pre-coated antibody is Canine cTn-I monoclonal antibody and the detecting antibody is polyclonal antibody with biotin labeled. Samples and biotin labeling antibody are added into ELISA plate wells and washed out with PBS or TBS. Then Avidin-peroxidase conjugates are added to ELISA wells in order; Use TMB substrate for coloring after reactant thoroughly washed out by PBS or TBS. TMB turns into blue in peroxidase catalytic and finally turns into yellow under the action of acid. The color depth and the testing factors in samples are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

442631647

NCBI GeneID	39251
NCBI Accession #	NP_001261700.1
NCBI GenBank Nucleotide #	NM_001274771.1
Molecular Weight	15,699 Da
NCBI Official Full Name	superoxide dismutase, isoform D
NCBI Official Synonym Full Names	Superoxide dismutase
NCBI Official Symbol	Sod
NCBI Official Synonym Symbols	CG11793; cSod; cSOD; Cu; Cu-Zn SOD; Cu/Zn sod; Cu/Zn SOD; Cu/Zn superoxide dismutase; Cu/ZnSOD; CuSOD; CuZn SOD; CuZn-SOD; CuZn-SOD1; CuZnSOD; Cu[2+]/Zn[2+]SOD; DmelCG11793; dSOD1; G; I(3)108; I(3)68Af; I(3)G; Mn SOD; sod; SOD; Sod-1; SOD-1; sod1; Sod1;
NCBI Protein Information	CG11793 gene product from transcript CG11793-RA
UniProt Protein Name	Superoxide dismutase [Cu-Zn]
UniProt Gene Name	Sod
UniProt Entry Name	SODC_DROME

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/cu-zn-sod-sod1-canine-elisa-kits/superoxide-dismutase-cu-zn/180965>