

Canine Neuron-specific enolase (NSE) ELISA Kit | NSE elisa kit

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CATALOG #
AAA122373

REACTIVITY
Canine

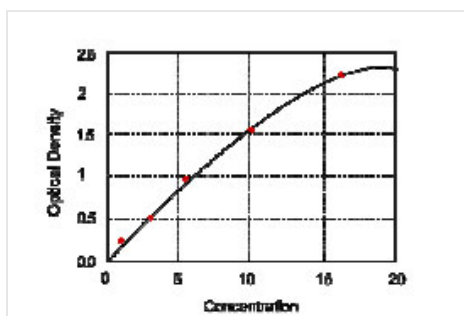
PRODUCT SYNONYMS

Neuron-specific enolase (NSE); Canine Neuron-specific enolase (NSE) ELISA Kit; NSE elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Sequence Length	321
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.2ng/ml-60ng/ml
Sensitivity	0.093ng/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 NSE elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of Canine Neuronal Nitric Oxide Synthase (also known as NOS/NNOS) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates. Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Canine NOS/NNOS antibody. NOS/NNOS present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Canine NOS/NNOS Antibody is added and binds to NOS/NNOS in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated NOS/NNOS 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 NOS/NNOS. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	15606538
NCBI GeneID	1192792
NCBI Accession #	NP_213918.1
NCBI GenBank Nucleotide #	NC_000918.1
NCBI Official Full Name	nucleotide sugar epimerase
NCBI Official Symbol	nse
NCBI Protein Information	nucleotide sugar epimerase

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/neuron-specific-enolase-nse/122373>