

Canine Neutrophil elastase, NE ELISA Kit | NE elisa kit

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CATALOG #
AAA43452

REACTIVITY
Canine

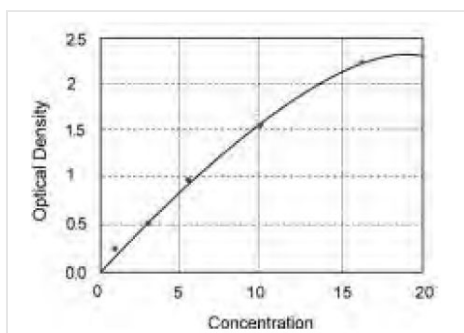
PRODUCT SYNONYMS

Neutrophil elastase; NE; Canine Neutrophil elastase; NE ELISA Kit; NE elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Sequence Length	267
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	0.5-100ng/ml
Sensitivity	0.24ng/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 NE elisa kit

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Canine NE antibody. NE present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Canine NE Antibody is added and binds to NE in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated NE 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 NE. 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 Neutrophil elastase (also known as NE) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #	386981
NCBI GeneID	1991
UniProt Accession #	P08246; P09649; Q6B0D9; Q6LDP5
Molecular Weight	28,518 Da
NCBI Official Full Name	neutrophil elastase, partial
NCBI Official Synonym Full Names	elastase, neutrophil expressed
NCBI Official Symbol	ELANE
NCBI Official Synonym Symbols	GE; NE; HLE; HNE; ELA2; SCN1; PMN-E
NCBI Protein Information	neutrophil elastase
UniProt Protein Name	Neutrophil elastase
UniProt Gene Name	ELANE
UniProt Synonym Gene Names	ELA2; HLE

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/neutrophil-elastase-ne/43452>