Canine Epithelial neutrophil activating peptide 78 ELISA Kit | ENA-78 elisa kit

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CATALOG #	REACTIVITY
AAA91473	**Canine**

PRODUCT SYNONYMS

Epithelial neutrophil activating peptide 78; Canine Epithelial neutrophil activating peptide 78 ELISA Kit; ENA-78 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Competitive (Quantitative)
Sensitivity	1.0 pg/mL.
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ENA-78 elisa kit	Intended Uses: This ENA-78 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine ENA-78. This ELISA kit for research use only! Principle of the Assay: ENA-78 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-ENA-78 antibody and an ENA-78-HRP conjugate. The assay sample and buffer are incubated together with ENA-78-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the ENA-78 concentration since ENA-78 from samples and ENA-78-HRP conjugate compete for the anti-ENA-78 antibody binding site. Since the number of sites is limited, as more sites are occupied by ENA-78 from the sample, fewer sites are left to bind ENA-78-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ENA-78 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for ENA-78 elisa kit	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	471243
NCBI GeneID	6374

UniProt Accession #	P42830; Q96QE1; Q6I9S7
Molecular Weight	11,972 Da
NCBI Official Full Name	ENA-78
NCBI Official Synonym Full Names	chemokine (C-X-C motif) ligand 5
NCBI Official Symbol	CXCL5
NCBI Official Synonym Symbols	SCYB5; ENA-78
NCBI Protein Information	C-X-C motif chemokine 5; ENA-78(1-78); small inducible cytokine B5; small-inducible cytokine B5; neutrophil-activating protein 78; neutrophil-activating peptide ENA-78; epithelial-derived neutrophil activating protein 78; epithelial-derived neutrophil-activating peptide 78; epithelial-derived neutrophil-activating protein 78; small inducible cytokine subfamily B (Cys-X-Cys), member 5 (epithelial-derived neutrophil-activating peptide 78)
UniProt Protein Name	C-X-C motif chemokine 5
UniProt Gene Name	**CXCL5**
UniProt Synonym Gene Names	ENA78; SCYB5
UniProt Entry Name	CXCL5_HUMAN

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/ena-78-canine-elisa-kits/epithelial-neutrophil-activating-peptide-78/91473