

Canine C Reactive Protein ELISA Kit | CRP elisa kit

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CATALOG #
AAA88188

REACTIVITY
Canine

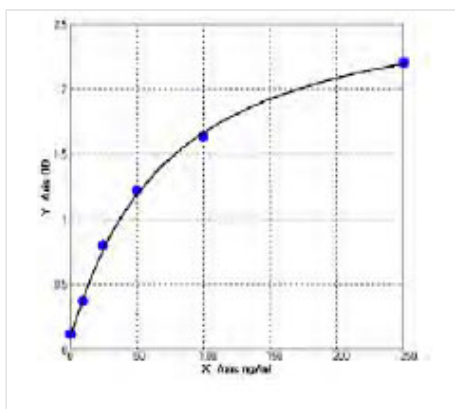
PRODUCT SYNONYMS

C Reactive Protein; Canine C Reactive Protein ELISA Kit; CRP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CRP elisa kit

Intended Uses: This CRNN ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine CRNN. This ELISA kit for research use only!

Principle of the Assay: CRNN ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-CRNN antibody and an CRNN-HRP conjugate. The assay sample and buffer are incubated together with CRNN-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 CRNN concentration since CRNN from samples and CRNN-HRP conjugate compete for the anti-CRNN antibody binding site. Since the number of sites is limited, as more sites are occupied by CRNN from the sample, fewer sites are left to bind CRNN-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CRNN concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	17975775
NCBI GeneID	1401
Molecular Weight	10,415 Da
NCBI Official Full Name	CRP
NCBI Official Synonym Full Names	C-reactive protein, pentraxin-related
NCBI Official Symbol	CRP
NCBI Official Synonym Symbols	PTX1
NCBI Protein Information	C-reactive protein; pentraxin 1
UniProt Protein Name	C-reactive protein
UniProt Gene Name	CRP
UniProt Synonym Gene Names	PTX1
UniProt Entry Name	CRP_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://www.aaabiotech.com/crp-canine-elisa-kits/c-reactive-protein/88188>