

Dog C-Reactive Protein, CRP ELISA Kit | CRP elisa kit

Canine C-Reactive Protein, CRP ELISA Kit

CATALOG #
AAA15584

REACTIVITY
Dog

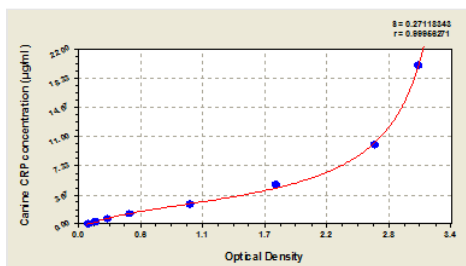
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Dog
Specificity	This assay has high sensitivity and excellent specificity for detection of canine CRP. No significant cross-reactivity or interference between canine CRP and analogues was observed.
Sequence Length	224
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates
Detection Range	0.312 ug/ml-20 ug/ml
Sensitivity	< 0.078 ug/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CRP elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for CRP has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CRP present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CRP is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of CRP bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	17975775
NCBI GeneID	1401
UniProt Accession #	P02741; Q08AK3; Q8WW75; A8K078; D3DVD9; D3DVE0
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://stage.aaabiotech.com/dog-elisa-kits/c-reactive-protein-crp/15584>