

Rat CRP ELISA Kit | CRP elisa kit

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CATALOG #
AAA76938

REACTIVITY
Rat

PRODUCT SYNONYMS

CRP; Rat CRP ELISA Kit; Rat CRP; CRP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Detection Range	3-25ug/mL
Preparation and Storage	Store at 4 degree C.

ADDITIONAL INFORMATION

Related Product Information for CRP elisa kit	Intended Uses: The C-reactive protein assay is intended for the detection of canine C-reactive protein (CRP) in dog serum. C-reactive protein is an acute-phase protein produced by the liver in conditions of inflammation, bacterial infection, or tissue trauma. CRP is useful in determining inflammatory conditions and to monitor the subjects response to treatment. Principle of the Assay: Canine sera for testing are diluted to 1:500 and allowed to react with pneumococcal C-polysaccharide coated on specially treated micro-wells. After appropriate incubation, the wells are washed to remove unreacted serum proteins, and an enzyme-labeled goat anti-dog CRP (conjugate) is then added to react with and tag the antigen-antibody complexes. Following another incubation period, the wells are again washed to remove unreacted conjugate. A urea peroxide substrate with TMB as chromogen is added to start color development. Development of a blue color indicates a positive reaction while negative reactions appear colorless or with a trace of blue. The reaction is interrupted with a stop solution that turns the blue positive reactions to yellow. Negative reactions remain colorless or with a hint of yellow. Color intensity (absorbance) is read at a wavelength of 450nm on a spectrophotometer or ELISA reader. Assigning a value for the absorbance can be accomplished by the use of a standard curve generated by measuring four-fold dilutions of the standard provided.
Product Categories/Family for CRP elisa kit	ELISA Kit

NCBI AND UNIPROT INFORMATION

NCBI GI #	17975775
NCBI GeneID	1401
UniProt Accession #	P02741; Q08AK3; Q8WW75; A8K078; D3DVD9; D3DVE0; Q5VVP7
Molecular Weight	25,039 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; MGC88244; MGC149895
NCBI Protein Information	C-reactive protein; pentraxin 1; OTTHUMP00000033307

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/rat-elisa-kits/crp/76938>