

Rat C-Reactive Protein/CRP ELISA Kit | CRP elisa kit

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CATALOG #
AAA281390

REACTIVITY
Rat

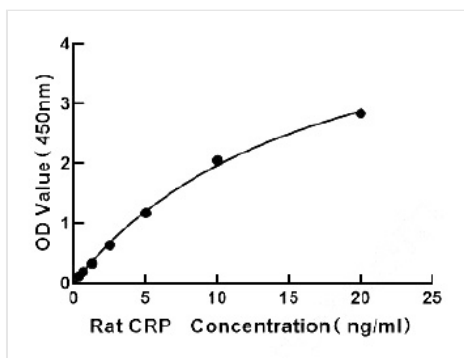
PRODUCT SYNONYMS

C-Reactive Protein/CRP; Rat C-Reactive Protein/CRP ELISA Kit; CRP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay recognizes both recombinant and natural rat CRP. The factors listed below were prepared at 100ng/ml and assayed for cross-reactivity.
Sequence Length	238
Samples	Serum, plasma, cell culture supernatants, cell lysates, tissue homogenates and other biological fluids
Assay Type	Quantitative Sandwich
Sensitivity	< 0.15ng/mL
Intra-assay Precision	Intra-plate Precision 3 samples with low, middle and high level CRP were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-plate Precision 3 samples with low, middle and high level CRP were tested on 3 different plates, 20 replicates in each plate. Inter-Assay: CV<15%
Preparation and Storage	Store at 4 degree C.

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. An antibody specific for rat 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 washing away any unbound substances, and then a detection antibody specific for CRP is added to the wells and binds to the combination of capture antibody CRP in sample. Following a wash to remove any unbound combination, and enzyme conjugate is added to the wells. Following incubation and wash steps, 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 absorbance is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	585008
NCBI GeneID	100337615
UniProt Accession #	Q07203
Molecular Weight	27,085 Da
NCBI Official Full Name	C-reactive protein
NCBI Official Synonym Full Names	C-reactive protein, pentraxin-related, gene 4 L homeolog
NCBI Official Symbol	crp.4.L
NCBI Official Synonym Symbols	CRP; ptx1; crp.4a; crp.4-a; crp.4-b
NCBI Protein Information	C-reactive protein
UniProt Protein Name	C-reactive protein
UniProt Gene Name	crp
UniProt Synonym Gene Names	CRP

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/c-reactive-protein-crp/281390>