

Rat C-reactive protein ELISA Kit | Crp elisa kit

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CATALOG #
AAA190946

REACTIVITY
Rat

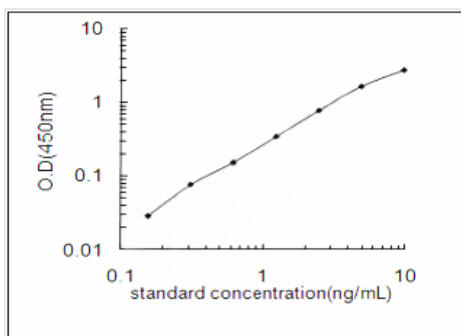
PRODUCT SYNONYMS

C-reactive protein; Rat C-reactive protein ELISA Kit; Crp; Ptx1; Crp elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay recognizes recombinant and natural rat C-reactive protein. No significant cross-reactivity or interference was observed.
Sequence Length	230
Assay Type	Sandwich
Detection Range	0.156-10 ng/mL
Sensitivity	0.083 ng/mL
Intra-Assay CV	<=4.4%
Inter-Assay CV	<=7.9%
Recovery	96%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Crp elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of rat C-reactive protein concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids. Principle of the Assay The microtiter plate provided in this kit has been pre-coated with an antibody specific to C-reactive protein. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for C-reactive protein and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain C-reactive protein, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of C-reactive protein in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	8393197
NCBI GeneID	25419
NCBI Accession #	NP_058792.1
NCBI GenBank Nucleotide #	NM_017096.3
UniProt Accession #	P48199; Q5BK94
Molecular Weight	25,468 Da
NCBI Official Full Name	C-reactive protein
NCBI Official Synonym Full Names	C-reactive protein, pentraxin-related
NCBI Official Symbol	Crp
NCBI Official Synonym Symbols	Aa1249; Ac1262; Ab1-341; Ab2-196; Ac1-114; Ac2-069; Ba2-693
NCBI Protein Information	C-reactive protein
UniProt Protein Name	C-reactive protein
UniProt Gene Name	Crp
UniProt Synonym Gene Names	Ptx1
UniProt Entry Name	CRP_RAT

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/crp-rat-elisa-kits/c-reactive-protein/190946>