

Rat C Reactive Protein (CRP) ELISA Kit | CRP elisa kit

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CATALOG #
AAA54903

REACTIVITY
Rat

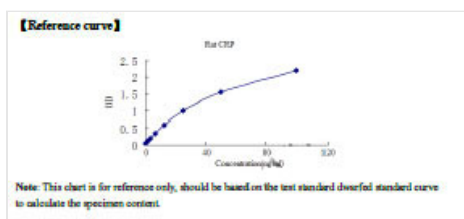
PRODUCT SYNONYMS

C Reactive Protein (CRP); Rat C Reactive Protein (CRP) ELISA Kit; CRP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	No cross-reaction with other factors.
Sequence Length	224
Samples	Serum, plasma or cell culture supernatant and organizations in the natural and recombinant CRP concentration.
Assay Type	Sandwich
Detection Range	100 ng/ml-1.56 ng/ml
Sensitivity	0.5 ng/ml.
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CRP elisa kit

Principle of the Assay: This experiment use double-sandwich elisa technique and the ELISA Kit provided is typical. The pre-coated antibody is Rat CRP monoclonal antibody and the detecting antibody is polyclonal antibody with biotin labeled. Samples and biotin labeling antibody are added into ELISA plate wells and washed out with PBS or TBS. Then Avidin-peroxidase conjugates are added to ELISA wells in order; Use TMB substrate for coloring after reactant thoroughly washed out by PBS or TBS. TMB turns into blue in peroxidase catalytic and finally turns into yellow under the action of acid. The color depth and the testing factors in samples are positively correlated.

References

[Biological activity of a small molecule indole analog, 1-\[\(1H-indol-3-yl\) methylene\]-2-phenylhydrazine \(HMPH\), in chronic inflammation.](#) Chandra Sekhar Misra, Chethan Gejjalagere Honnappa, Srinivas Reddy Jitta, Karthik Gourishetti, Prasanthi Daram, Mahendra Pal Singh, Akhila Hosur Shrungeswara, Yogendra Nayak, Mazhuvancherry Kesavan Unnikrishnan (2016)

NCBI AND UNIPROT INFORMATION

NCBI GI #	55770842
NCBI GeneID	1401
NCBI Accession #	NP_000558.2
NCBI GenBank Nucleotide #	NM_000567.2
Molecular Weight	10,415 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	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/rat-elisa-kits/c-reactive-protein-crp/54903>