

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

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CATALOG #
AAA278034

REACTIVITY
Mouse

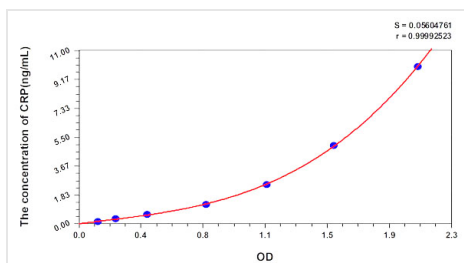
PRODUCT SYNONYMS

CRP (C Reactive Protein); Mouse CRP (C Reactive Protein) ELISA Kit; C-RP; PTX1; Pentraxin-Related; Pentraxin 1; CRP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Detection Range	0.78-50ug/mL
Sensitivity	0.21ug/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CRP elisa kit

Test Principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Mouse CRP. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse CRP. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Mouse CRP, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of Mouse CRP in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for CRP elisa kit

[Tumor immunity](#); [Infection immunity](#); [Cardiovascular biology](#); [Rheumatology](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	408360035
NCBI GeneID	12944
UniProt Accession #	P14847; E9PZ20

Molecular Weight	25,360 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	AI255847
NCBI Protein Information	C-reactive protein; C-reactive protein, petaxin related
UniProt Protein Name	C-reactive protein
UniProt Gene Name	Crp
UniProt Synonym Gene Names	Ptx1
UniProt Entry Name	CRP_MOUSE

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/mouse-elisa-kits/crp-c-reactive-protein/278034>