

Rat hs-CRP (High Sensitivity C Reactive Protein) ELISA Kit | hs-CRP elisa kit

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CATALOG #
AAA278033

REACTIVITY
Rat

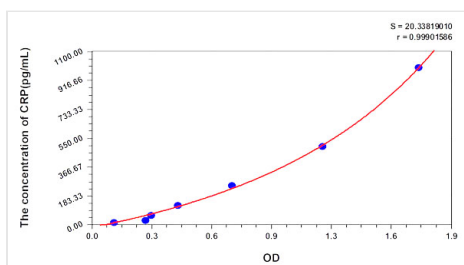
PRODUCT SYNONYMS

hs-CRP (High Sensitivity C Reactive Protein); Rat hs-CRP (High Sensitivity C Reactive Protein) ELISA Kit; C-RP; PTX1; Pentraxin-Related; Pentraxin 1; hs-CRP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Assay Type	Sandwich
Samples	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Detection Range	0.78-50ug/mL
Sensitivity	0.16ug/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for hs-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 Rat hs-CRP. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat hs-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 Rat hs-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 Rat hs-CRP in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for hs-CRP elisa kit

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

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.

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Online datasheet: <https://www.aaabiotech.com/rat-elisa-kits/hs-crp-high-sensitivity-c-reactive-protein/278033>