

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

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CATALOG #
AAA269847

REACTIVITY
Human

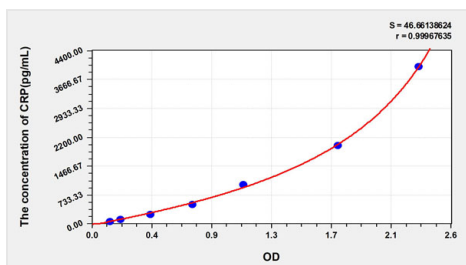
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	serum, plasma, tissue homogenates, cell lysates, urine, cerebrospinal fluid, cell culture supernates and other biological fluids
Assay Type	Sandwich
Detection Range	62.5-4000 pg/mL
Sensitivity	26.1 pg/mL
Intra-assay Precision	CV%<8%
Inter-assay Precision	CV%<10%
Preparation and Storage	Store at 2-8 degree C. Stable for 6 months from date of receipt.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CRP elisa kit

Principle of the assay: 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 C Reactive Protein(CRP). Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to C Reactive Protein(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 C Reactive Protein(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 $\pm$ 10nm. The concentration of C Reactive Protein(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

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/human-elisa-kits/crp-c-reactive-protein/269847>