

Human High sensitivity C-Reactive Protein ELISA Kit | Hs-CRP elisa kit

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CATALOG #
AAA85053

REACTIVITY
Human

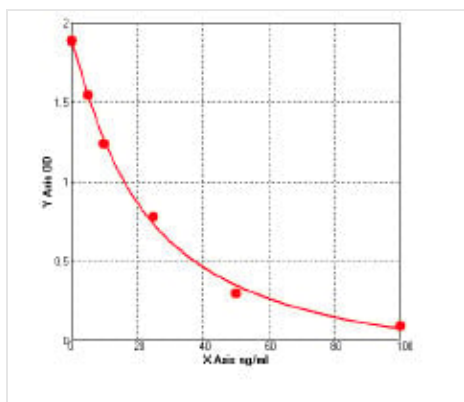
PRODUCT SYNONYMS

High sensitivity C-Reactive Protein; Human High sensitivity C-Reactive Protein ELISA Kit; High sensitivity C-Reactive Protein (Human); Hs-CRP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ug/mL.
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Hs-CRP elisa kit

Intended Uses: This CRP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey CRP. This ELISA kit for research use only!

Principle of the Assay: CRP ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-CRP antibody and an CRP-HRP conjugate. The assay sample and buffer are incubated together with CRP-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the CRP concentration since CRP from samples and CRP-HRP conjugate compete for the anti-CRP antibody binding site. Since the number of sites is limited, as more sites are occupied by CRP from the sample, fewer sites are left to bind CRP-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CRP concentration in each sample is interpolated from this standard curve.

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/hs-crp-human-elisa-kits/high-sensitivity-c-reactive-protein/85053>