

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

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CATALOG #
AAA330217

REACTIVITY
Rat

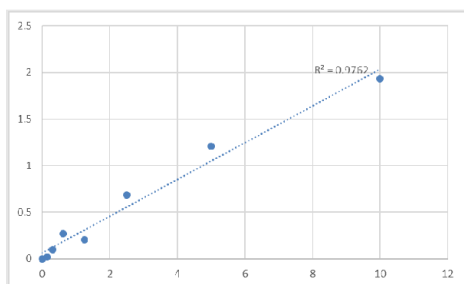
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	Rat High sensitivity C-Reactive Protein (hs-CRP) ELISA Kit has high sensitivity and excellent specificity for detection of Rat hs-CRP. No significant cross-reactivity or interference between Rat hs-CRP and analogues was observed.
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Rat High sensitivity C-Reactive Protein (hs-CRP) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for hs-CRP elisa kit	Description: This Rat High sensitivity C-Reactive Protein (hs-CRP) ELISA Kit employs a two-site sandwich ELISA to quantitate hs-CRP in samples. An antibody specific for hs-CRP has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any hs-CRP present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for hs-CRP is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of hs-CRP bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: The protein encoded by this gene belongs to the pentaxin family. It is involved in several host defense related functions based on its ability to recognize foreign pathogens and damaged cells of the host and to initiate their elimination by interacting with humoral and cellular effector systems in the blood. Consequently, the level of this protein in plasma increases greatly during acute phase response to tissue injury, infection, or other inflammatory stimuli. [provided by RefSeq, Sep 2009]
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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/high-sensitivity-c-reactive-protein-hs-crp/330217>