

Human C-Reactive Protein ELISA Kit

C-Reactive Protein ELISA Kit, Human

CATALOG #
AAA259154

REACTIVITY
Human

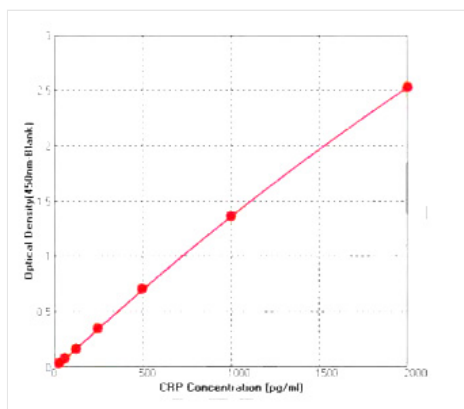
PRODUCT SYNONYMS

C-Reactive Protein; C-Reactive Protein ELISA Kit; Human; C-reactive protein; pentraxin-related; PTX1 ELISA Kit; C-Reactive Protein elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes both recombinant and natural Human CRP. The factors listed below were prepared at 50 ng/mL in dilution buffer and assayed for cross-reactivity. No cross-reactivity was observed.
Assay Type	Sandwich
Samples	Serum
Detection Range	31.25-2000pg/mL
Sensitivity	11.24 pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay) - Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-assay Precision (Precision between assays) - Three samples of known concentration were tested in three separate assays to assess inter-assay precision.
Preparation and Storage	Unopened Kit: Store at 2-8 degree C Opened/Reconstituted Reagents: Please refer to CoA

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for C-Reactive Protein elisa kit	Principle of the Assay: The principle of this ELISA kit is based on the Sandwich Enzyme-Linked Immunosorbent Assay (ELISA). The 96-well strip plate is pre-coated with a monoclonal antibody specific for Human C-Reactive Protein/CRP. Standards and Human C-Reactive Protein/CRP present in the sample is bound by the immobilized antibody. After washing, a horseradish peroxidase conjugated anti-Human C-Reactive Protein/CRP antibody is added, producing an antibody-antigen-antibody "sandwich complex". Following a wash to remove any unbound antibody-enzyme reagent, a TMB substrate solution is added to the wells and color develops in proportion to the amount of Human C-Reactive Protein/CRP bound in the initial step. The color development is stopped and the intensity of the color is measured at 450 nm. Intended Uses: The kit applies for the accurate quantitation of Human C-Reactive Protein/CRP from serum. The other biological fluids need to be validated by the end user due to the complexity of natural targets and unpredictable interference.
References	Pepys MB. et al., 2003, J Clin Invest. 111 (12): 1805-12. Thompson D. et al., 1999, Structure. 7(2): 169-77.

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/c-reactive-protein/259154>