

Human High Sensitive Cardiac Troponin ELISA Kit | HSCTN elisa kit

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CATALOG #
AAA247174

REACTIVITY
Human

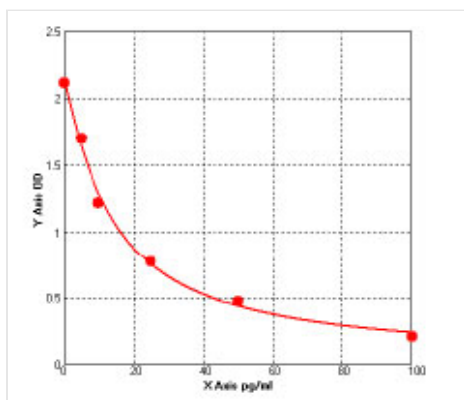
PRODUCT SYNONYMS

High Sensitive Cardiac Troponin; Human High Sensitive Cardiac Troponin ELISA Kit; HSCTN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 ng/mL.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HSCTN elisa kit

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

Principle of the Assay: hs-CRP ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-hs-CRP antibody and an hs-CRP-HRP conjugate. The assay sample and buffer are incubated together with hs-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 hs-CRP concentration since hs-CRP from samples and hs-CRP-HRP conjugate compete for the anti-hs-CRP antibody binding site. Since the number of sites is limited, as more sites are occupied by hs-CRP from the sample, fewer sites are left to bind hs-CRP-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The hs-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://www.aaabiotech.com/hscn-human-elisa-kits/high-sensitive-cardiac-troponin/247174>