

Sheep High Sensitivity Cardiac Troponin I ELISA Kit | hs-cTnI elisa kit

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CATALOG #
AAA247572

REACTIVITY
Sheep

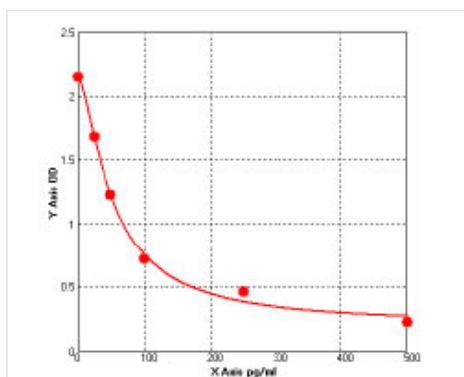
PRODUCT SYNONYMS

High Sensitivity Cardiac Troponin I; Sheep High Sensitivity Cardiac Troponin I ELISA Kit; hs-cTnI elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 pg/mL.
Reactivity Note	No significant cross-reactivity or interference between this antigen and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection, therefore, cross reaction may still exist in some cases.
Preparation and Storage	Store at 2-8 degree C. The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for hs-cTnI elisa kit	Intended Uses: This hs-cTnI ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat hs-cTnI. This ELISA kit for research use only! Principle of the Assay: hs-cTnI ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-hs-cTnI antibody and an hs-cTnI-HRP conjugate. The assay sample and buffer are incubated together with hs-cTnI-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-cTnI concentration since hs-cTnI from samples and hs-cTnI-HRP conjugate compete for the anti-hs-cTnI antibody binding site. Since the number of sites is limited, as more sites are occupied by hs-cTnI from the sample, fewer sites are left to bind hs-cTnI-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The hs-cTnI concentration in each sample is interpolated from this standard curve.
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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://stage.aaabiotech.com/hs-ctni-sheep-elisa-kits/high-sensitivity-cardiac-troponin-i/247572>