Porcine Cyclosporine A ELISA Kit | CsA elisa kit

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CATALOG #	REACTIVITY
AAA89821	**Porcine**

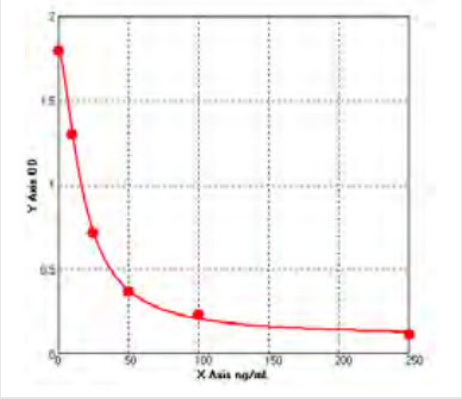
PRODUCT SYNONYMS

Cyclosporine A; Porcine Cyclosporine A ELISA Kit; CsA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Specificity	This assay has high sensitivity and excellent specificity for detection of CSA. No significant cross-reactivity or interference between CSA and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CSA and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CsA elisa kit	Principle of the Assay: CSA ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-CSA antibody and an CSA-HRP conjugate. The assay sample and buffer are incubated together with CSA-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 CSA concentration since CSA from samples and CSA-HRP conjugate compete for the anti-CSA antibody binding site. Since the number of sites is limited, as more sites are occupied by CSA from the sample, fewer sites are left to bind CSA-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CSA concentration in each sample is interpolated from this standard curve. Intended Uses: This CSA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine CSA. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for CsA elisa kit	Immunology

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/csa-porcine-elisa-kits/cyclosporine-a/89821