Guinea Pig Anti-purkinje cell antibody 1 ELISA Kit | PCA1 elisa kit

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CATALOG #	REACTIVITY
AAA94528	**Guinea Pig**

PRODUCT SYNONYMS

Anti-purkinje cell antibody 1; Guinea pig Anti-purkinje cell antibody 1 ELISA Kit; PCA1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Guinea Pig
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	5-100ng/mL
Sensitivity	1.0ng/mL
Intended Uses	This Anti-PCA1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Guinea pig Anti-PCA1. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PCA1 elisa kit	**Principle of the assay:** Anti-PCA1 ELISA kit applies the competitive enzyme immunoassay technique utilizing PCA1 antigen and an Anti-PCA1-HRP conjugate. The assay sample and buffer are incubated together with Anti-PCA1-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 Anti-PCA1 concentration since Anti-PCA1 from samples and Anti-PCA1-HRP conjugate compete for the PCA1 antigen binding site. Since the number of sites is limited, as more sites are occupied by Anti-PCA1 from the sample, fewer sites are left to bind Anti-PCA1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The Anti-PCA1 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for PCA1 elisa kit	Cell Biology

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/pca1-guinea-pig-pig-elisa-kits/anti-purkinje-cell-antibody-1/94528