

Porcine intestinal alkaline phosphatase ELISA Kit | CIAP elisa kit

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CATALOG #
AAA96895

REACTIVITY
Porcine

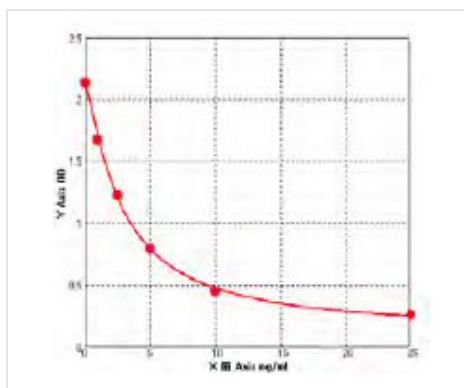
PRODUCT SYNONYMS

intestinal alkaline phosphatase; Porcine intestinal alkaline phosphatase ELISA Kit; CIAP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CIAP elisa kit

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

Principle of the Assay: alpha-klotho ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-alpha-klotho antibody and an alpha-klotho-HRP conjugate. The assay sample and buffer are incubated together with alpha-klotho-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 alpha-klotho concentration since alpha-klotho from samples and alpha-klotho-HRP conjugate compete for the anti-alpha-klotho antibody binding site. Since the number of sites is limited, as more sites are occupied by alpha-klotho from the sample, fewer sites are left to bind alpha-klotho-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The alpha-klotho 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://stage.aaabiotech.com/ciap-porcine-elisa-kits/intestinal-alkaline-phosphatase/96895>