

Porcine Leptin Antibody ELISA Kit | Leptin Ab elisa kit

Porcine Leptin Antibody ELISA Kit

CATALOG #
AAA245234

REACTIVITY
Porcine

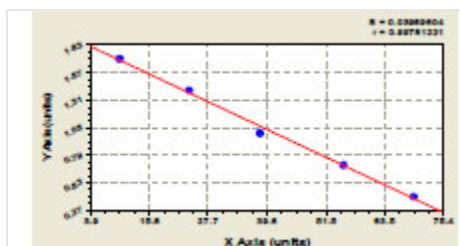
PRODUCT SYNONYMS

Leptin Antibody; Porcine Leptin Antibody ELISA Kit; Leptin Ab elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ug/ml.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Leptin Ab elisa kit

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

Principle of the Assay||LEPAb ELISA kit applies the competitive enzyme immunoassay technique utilizing Leptin antigen and an LEPAb-HRP conjugate. The assay sample and buffer are incubated together with LEPAb-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 LEPAb concentration since LEPAb from samples and LEPAb-HRP conjugate compete for the Leptin antigen binding site. Since the number of sites is limited, as more sites are occupied by LEPAb from the sample, fewer sites are left to bind LEPAb-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The LEPAb concentration in each sample is interpolated from this standard curve.

Product Categories/Family for Leptin Ab 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.

