

Porcine Immune ribonucleic acid/immune RNA ELISA Kit | IRNA elisa kit

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CATALOG #
AAA96736

REACTIVITY
Porcine

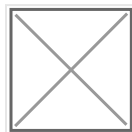
PRODUCT SYNONYMS

Immune ribonucleic acid/immune RNA; Porcine Immune ribonucleic acid/immune RNA ELISA Kit; IRNA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	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 IRNA elisa kit

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

Product Categories/Family for IRNA 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.