

Porcine Receptor Interacting Serine Threonine Kinase 3 ELISA Kit | RIPK3 elisa kit

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CATALOG #
AAA247431

REACTIVITY
Porcine

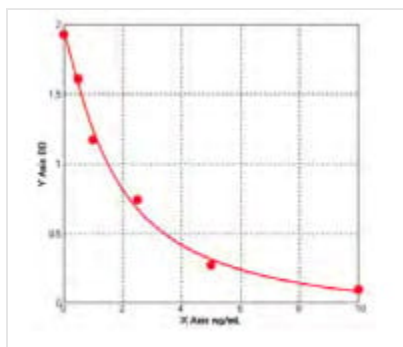
PRODUCT SYNONYMS

Receptor Interacting Serine Threonine Kinase 3; Porcine Receptor Interacting Serine Threonine Kinase 3 ELISA Kit; RIPK3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Specificity	This assay has high sensitivity and excellent specificity for detection of RIPK3. No significant cross-reactivity or interference between RIPK3 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between RIPK3 and all the analogues, therefore, cross reaction may still exist in some cases.
Sequence Length	236
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ng/mL
Reactivity Note	No significant cross-reactivity or interference between this antigen and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection, therefore, cross reaction may still exist in some cases.
Preparation and Storage	Store at 2-8 degree C. The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RIPK3 elisa kit	Principle of the Assay: RIPK3 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-RIPK3 antibody and an RIPK3-HRP conjugate. The assay sample and buffer are incubated together with RIPK3-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 RIPK3 concentration since RIPK3 from samples and RIPK3-HRP conjugate compete for the anti-RIPK3 antibody binding site. Since the number of sites is limited, as more sites are occupied by RIPK3 from the sample, fewer sites are left to bind RIPK3-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The RIPK3 concentration in each sample is interpolated from this standard curve. Intended Uses: This RIPK3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine RIPK3. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for RIPK3 elisa kit	Signal Transduction; Immunology; Cancer; Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	1077060040
UniProt Accession #	A0A1A8APN4
Molecular Weight	25,936 Da
NCBI Official Full Name	receptor-interacting serine-threonine kinase 3
UniProt Protein Name	Receptor-interacting serine-threonine kinase 3
UniProt Gene Name	RIPK3

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/ripk3-porcine-elisa-kits/receptor-interacting-serine-threonine-kinase-3/247431>