Sheep Receptor Interacting Serine Threonine Kinase 2 ELISA Kit | RIPK2 elisa kit

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CATALOG #	REACTIVITY
AAA91762	**Sheep**

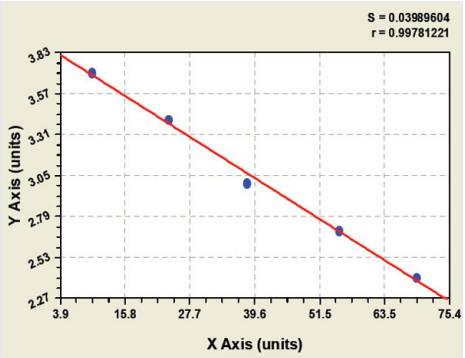
PRODUCT SYNONYMS

Receptor Interacting Serine Threonine Kinase 2; Sheep Receptor Interacting Serine Threonine Kinase 2 ELISA Kit; RIPK2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 pg/mL.
Intended Uses	This RIPK2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep RIPK2. 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 RIPK2 elisa kit	**Principle of the Assay:** RIPK2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-RIPK2 antibody and an RIPK2-HRP conjugate. The assay sample and buffer are incubated together with RIPK2-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 RIPK2 concentration since RIPK2 from samples and RIPK2-HRP conjugate compete for the anti-RIPK2 antibody binding site. Since the number of sites is limited, as more sites are occupied by RIPK2 from the sample, fewer sites are left to bind RIPK2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The RIPK2 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506537
NCBI GeneID	8767
NCBI Accession #	NP_003812.1
NCBI GenBank Nucleotide #	NM_003821.5
Molecular Weight	45,582 Da
NCBI Official Full Name	receptor-interacting serine/threonine-protein kinase 2
NCBI Official Synonym Full Names	receptor-interacting serine-threonine kinase 2
NCBI Official Symbol	RIPK2
NCBI Official Synonym Symbols	CCK; RICK; RIP2; CARD3; GIG30; CARDIAK
NCBI Protein Information	receptor-interacting serine/threonine-protein kinase 2; RIP-2; CARD-carrying kinase; growth-inhibiting gene 30; tyrosine-protein kinase RIPK2; receptor-interacting protein 2; CARD-containing IL-1 beta ICE-kinase; CARD-containing interleukin-1 beta-converting enzyme (ICE)-associated kinase; receptor-interacting protein (RIP)-like interacting caspase-like apoptosis regulatory protein (CLARP) kinase
UniProt Protein Name	Receptor-interacting serine/threonine-protein kinase 2
UniProt Gene Name	**RIPK2**
UniProt Synonym Gene Names	CARDIAK; RICK; RIP2; UNQ277/PRO314/PRO34092; CARD-containing IL-1 beta ICE-kinase; RIP-2
UniProt Entry Name	RIPK2_HUMAN

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/ripk2-sheep-elisa-kits/receptor-interacting-serine-threonine-kinase-2/91762