

Human Receptor-Interacting Serine/Threonine-Protein Kinase 3 (RIPK3) ELISA Kit | RIPK3 elisa kit

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CATALOG # AAA330992	REACTIVITY Human
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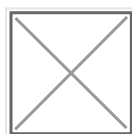
PRODUCT SYNONYMS

Receptor-Interacting Serine/Threonine-Protein Kinase 3 (RIPK3); Human Receptor-Interacting Serine/Threonine-Protein Kinase 3 (RIPK3) ELISA Kit; RIPK3; RIP3; RIP-like protein kinase 3; receptor interacting protein 3; RIPK3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Receptor-interacting serine/threonine-protein kinase 3 (RIPK3) ELISA Kit has high sensitivity and excellent specificity for detection of Human RIPK3. No significant cross-reactivity or interference between Human RIPK3 and analogues was observed.
Sequence Length	518
Assay Type	Sandwich
Samples	Human serum, cell culture supernates and other biological fluids
Detection Range	12.5 ng/L - 200 ng/L
Sensitivity	< 1ng/L
Intra-assay Precision	Four samples of known concentration were tested twenty times on one plate to assess intra-assay precision. The CV (%)?9%.
Inter-assay Precision	Three samples of known concentration were tested in twenty separate assays to assess inter-assay precision. Assays were performed by at least three technicians using two lots of components. The CV (%)?11%.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RIPK3 elisa kit	Background: Receptor-interacting serine/threonine-protein kinase 3 is an enzyme that in humans is encoded by the RIPK3 gene. The product of this gene is a member of the receptor-interacting protein (RIP) family of serine/threonine protein kinases, and contains a C-terminal domain unique from other RIP family members. The encoded protein is predominantly localized to the cytoplasm, and can undergo nucleocytoplasmic shuttling dependent on novel nuclear localization and export signals. It is a component of the tumor necrosis factor (TNF) receptor-I signaling complex, and can induce apoptosis and weakly activate the NF-kappaB transcription factor. Principle of the Assay: Human Receptor-interacting serine/threonine-protein kinase 3 (RIPK3) ELISA Kit employs a two-site sandwich ELISA to quantitate RIPK3 in samples. An antibody specific for RIPK3 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any RIPK3 present is bound by the immobilized antibody. After removing any unbound substances, HRP-Conjugated Human RIPK3 detection antibody is added to the wells. Following a wash to remove any unbound HRP reagent, a Chromogen solution is added to the wells and color develops in proportion to the amount of RIPK3 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	205371831
NCBI GeneID	11035
UniProt Accession #	Q9Y572
NCBI Official Full Name	Receptor-interacting serine/threonine-protein kinase 3
NCBI Official Synonym Full Names	receptor interacting serine/threonine kinase 3
NCBI Official Symbol	RIPK3
NCBI Official Synonym Symbols	RIP3
NCBI Protein Information	receptor-interacting serine/threonine-protein kinase 3
UniProt Protein Name	Receptor-interacting serine/threonine-protein kinase 3
UniProt Gene Name	RIPK3
UniProt Synonym Gene Names	RIP3; RIP-3
UniProt Entry Name	RIPK3_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/human-elisa-kits/receptor-interacting-serine-threonine-protein-kinase-3-ripk3/330992>