

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

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CATALOG #
AAA140639

REACTIVITY
Human

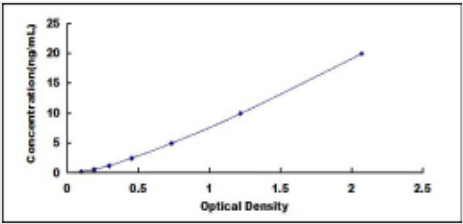
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Receptor Interacting Serine Threonine Kinase 3 (RIPK3). No significant cross-reactivity or interference between Receptor Interacting Serine Threonine Kinase 3 (RIPK3) and analogues was observed.
Sequence Length	518
Assay Type	Double-antibody Sandwich
Samples	Tissue homogenates, Cell lysates and other biological fluids
Detection Range	0.312-20ng/mL
Sensitivity	0.125ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Receptor Interacting Serine Threonine Kinase 3 (RIPK3) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Receptor Interacting Serine Threonine Kinase 3 (RIPK3) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	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. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RIPK3 elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Receptor Interacting Serine Threonine Kinase 3 (RIPK3). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Receptor Interacting Serine Threonine Kinase 3 (RIPK3). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Receptor Interacting Serine Threonine Kinase 3 (RIPK3), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of Receptor Interacting Serine Threonine Kinase 3 (RIPK3) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for RIPK3 elisa kit	Enzyme & Kinase

NCBI AND UNIPROT INFORMATION

NCBI GI #	38512228
NCBI GeneID	11035
Molecular Weight	25,326 Da
NCBI Official Full Name	Receptor-interacting serine-threonine 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.