

Human Endoplasmic Reticulum To Nucleus Signalling 1 (ERN1) RTU ELISA Kit | ERN1 rtu elisa kit

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CATALOG # AAA70466	REACTIVITY Human
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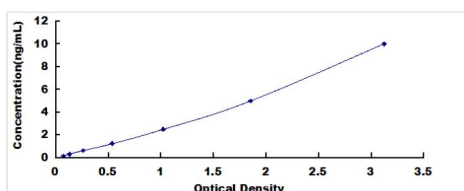
PRODUCT SYNONYMS

Endoplasmic Reticulum To Nucleus Signalling 1 (ERN1); Human Endoplasmic Reticulum To Nucleus Signalling 1 (ERN1) ELISA Kit; IRE1; IRE1P; Serine/Threonine-Protein Kinase/Endoribonuclease IRE1; Inositol-requiring protein 1; Ire1-alpha; Serine/threonine-protein kinase; Endoribonuclease; ERN1 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	977
Assay Type	Sandwich
Samples	Serum, Plasma, Tissue Homogenates or Other Biological Fluids.
Detection Range	0.156-10ng/mL
Sensitivity	0.071ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ERN1 rtu elisa kit	Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to ERN1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to ERN1. 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 ERN1, 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 $\pm$ 10nm. The concentration of ERN1 in the samples is then determined by comparing the O.D. of the samples to the standard curve
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NCBI AND UNIPROT INFORMATION

NCBI GI #	153946421
NCBI GeneID	2081
NCBI Accession #	NP_001424.3
NCBI GenBank Nucleotide #	NM_001433.4
UniProt Accession #	O75460; Q59EE2; A1L457; A8K8N8; A8MXS7
Molecular Weight	6,649 Da
NCBI Official Full Name	serine/threonine-protein kinase/endoribonuclease IRE1
NCBI Official Synonym Full Names	endoplasmic reticulum to nucleus signaling 1
NCBI Official Symbol	ERN1
NCBI Official Synonym Symbols	IRE1; IRE1P; IRE1a; hIRE1p
NCBI Protein Information	serine/threonine-protein kinase/endoribonuclease IRE1
UniProt Protein Name	Serine/threonine-protein kinase/endoribonuclease IRE1
UniProt Gene Name	ERN1
UniProt Synonym Gene Names	IRE1a

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-rtu-elisa-kits/endoplasmic-reticulum-to-nucleus-signalling-1-ern1/70466>