

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

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CATALOG #
AAA122694

REACTIVITY
Human

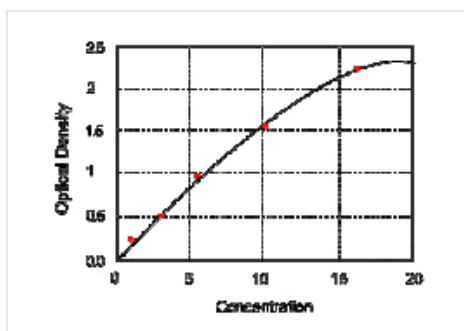
PRODUCT SYNONYMS

Endoplasmic Reticulum To Nucleus Signalling 1 (ERN1); Human Endoplasmic Reticulum To Nucleus Signalling 1 (ERN1) ELISA Kit; ERN1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	977
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	5ng/L-1000ng/L
Sensitivity	3.08ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ERN1 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Electron-transfer-flavoprotein Beta Polypeptide (also known as ETFB) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human ETFB antibody. ETFB present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human ETFB Antibody is added and binds to ETFB in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated ETFB antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human ETFB. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	119614620
NCBI GeneID	2081
NCBI Official Full Name	endoplasmic reticulum to nucleus signalling 1, isoform CRA_b
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

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/endoplasmic-reticulum-to-nucleus-signalling-1-ern1/122694>