

Rat ERO1-like protein alpha ELISA Kit | ERO1L elisa kit

Rat ERO1-like protein alpha (ERO1L) ELISA Kit

CATALOG #
AAA55778

REACTIVITY
Rat

PRODUCT SYNONYMS

ERO1-like protein alpha; Rat ERO1-like protein alpha (ERO1L) ELISA Kit; ERO1-alpha; ERO1-like; ERO1L elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat ERO1L. No significant cross-reactivity or interference between Rat ERO1L and analogues was observed.
Sequence Length	468
Samples	Serum, Plasma, Other biological fluids
Assay Type	Sandwich
Sample Volume	1-200 uL
Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100 Intra-Assay: CV Inter-Assay: CV
Detection Wavelength	450 nm
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for ERO1L elisa kit

Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate ERO1L in samples. An antibody specific for ERO1L has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any ERO1L present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for ERO1L is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of ERO1L bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	19924061
NCBI GeneID	171562
NCBI Accession #	NP_612537.1
NCBI GenBank Nucleotide #	NM_138528.1
UniProt Accession #	Q8R4A1 ; Q8VH29 ; Q8VH30

Molecular Weight	41,592 Da
NCBI Official Full Name	ERO1-like protein alpha
NCBI Official Synonym Full Names	endoplasmic reticulum oxidoreductase 1 alpha
NCBI Official Symbol	Ero1a
NCBI Official Synonym Symbols	Ero1l
NCBI Protein Information	ERO1-like protein alpha
UniProt Protein Name	ERO1-like protein alpha
UniProt Gene Name	Ero1a
UniProt Synonym Gene Names	ERO1-L; ERO1-L-alpha

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://www.aaabiotech.com/ero1l-rat-elisa-kits/ero1-like-protein-alpha/55778>