

Human Endoplasmic reticulum aminopeptidase 1, ERAP1 ELISA Kit | ERAP1 elisa kit

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CATALOG #
AAA123520

REACTIVITY
Human

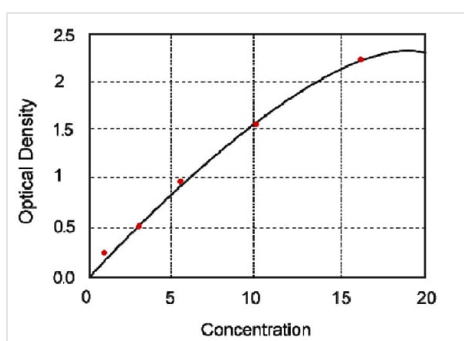
PRODUCT SYNONYMS

Endoplasmic reticulum aminopeptidase 1; ERAP1; Human Endoplasmic reticulum aminopeptidase 1; ERAP1 ELISA Kit; ERAP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	930
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	0.05-20ng/ml
Sensitivity	0.024ng/ml
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 ERAP1 elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human ERAP1 antibody. ERAP1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human ERAP1 Antibody is added and binds to ERAP1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated ERAP1 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 ERAP1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Endoplasmic reticulum aminopeptidase 1 (also known as ERAP1) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	13507656
NCBI GeneID	80898
NCBI GenBank Nucleotide #	NP_109636.1
UniProt Accession #	Q9EQH2
NCBI Official Full Name	endoplasmic reticulum aminopeptidase 1
NCBI Official Synonym Full Names	endoplasmic reticulum aminopeptidase 1
NCBI Official Symbol	Erap1
NCBI Official Synonym Symbols	A-LAP; Arts1; ERAAP; PILSA; ARTS-1; PILSAP
NCBI Protein Information	endoplasmic reticulum aminopeptidase 1
UniProt Protein Name	Endoplasmic reticulum aminopeptidase 1
UniProt Gene Name	Erap1
UniProt Synonym Gene Names	Appil; Arts1
UniProt Entry Name	ERAP1_MOUSE

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-aminopeptidase-1-erap1/123520>