

Human Putative ATP-dependent Clp protease proteolytic subunit, mitochondrial ELISA Kit | CLPP elisa kit

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CATALOG # AAA13358	REACTIVITY Human
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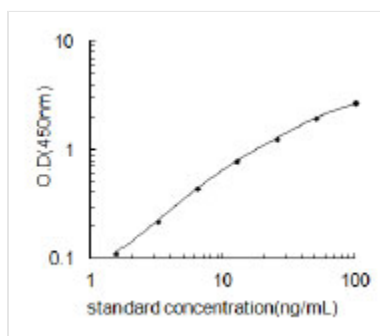
PRODUCT SYNONYMS

Putative ATP-dependent Clp protease proteolytic subunit; mitochondrial; Human Putative ATP-dependent Clp protease proteolytic subunit; mitochondrial ELISA Kit; Endopeptidase Clp; CLPP; 3.4.21.92; CLPP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Recombinant and natural Human ATP-dependent Clp protease proteolytic subunit, mitochondrial
Sequence Length	277
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	1.56 ng/mL - 100 ng/mL
Sensitivity	< 0.54 ng/mL
Intra-assay Precision	Intra-Assay CV: <=4.9%
Inter-assay Precision	Inter-Assay CV: <=8.2%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CLPP elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of target antigen 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 #	5174419
NCBI GeneID	8192
NCBI Accession #	NP_006003.1
NCBI GenBank Nucleotide #	NM_006012.2
UniProt Accession #	Q16740; B2R4W5
Molecular Weight	30,180 Da
NCBI Official Full Name	ATP-dependent Clp protease proteolytic subunit, mitochondrial
NCBI Official Synonym Full Names	caseinolytic mitochondrial matrix peptidase proteolytic subunit
NCBI Official Symbol	CLPP
NCBI Official Synonym Symbols	DFNB81; PRLTS3
NCBI Protein Information	ATP-dependent Clp protease proteolytic subunit, mitochondrial
UniProt Protein Name	ATP-dependent Clp protease proteolytic subunit, mitochondrial
UniProt Gene Name	CLPP
UniProt Entry Name	CLPP_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.

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Online datasheet: <https://www.aaabiotech.com/clpp-human-elisa-kits/putative-atp-dependent-clp-protease-proteolytic-subunit-mitochondrial/13358>