

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

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CATALOG #
AAA100140

REACTIVITY
Human

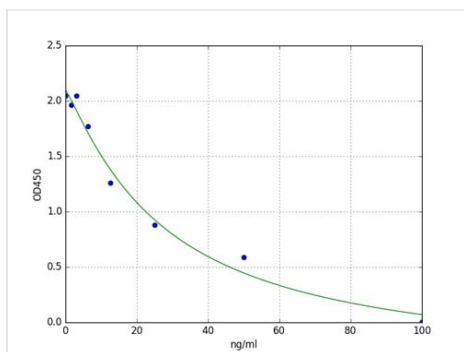
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	224
Assay Type	Competitive ELISA, Coated with Antigen
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	1.563-100ng/ml
Sensitivity	0.938ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human CLPP ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	1.563	3.125	6.25	12.5	25	50	100
Y	OD450	2.323	2.100	1.673	1.285	0.926	0.641	0.495	0.349

ADDITIONAL INFORMATION

Related Product Information for CLPP elisa kit

Principle of the Assay||This ELISA kit uses Competitive-ELISA as the method. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Human CLPP. During the reaction, Human CLPP in the sample or standard competes with a fixed amount of biotin-labeled Human CLPP for sites on a pre-coated Monoclonal antibody specific to Human CLPP. Excess conjugate and unbound sample or standard are washed from the plate, and HRP-Streptavidin (SABC) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. 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. The concentration of Human CLPP in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	240849147
NCBI GeneID	100161357
NCBI Accession #	NP_001155481.1
NCBI GenBank Nucleotide #	NM_001162009.1
NCBI Official Full Name	putative ATP-dependent Clp protease proteolytic subunit, mitochondrial
NCBI Official Symbol	Clpp
NCBI Protein Information	putative ATP-dependent Clp protease proteolytic subunit, mitochondrial

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/100140>