

Mouse Calpain-1 catalytic subunit ELISA Kit | Capn1 elisa kit

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CATALOG #
AAA23302

REACTIVITY
Mouse

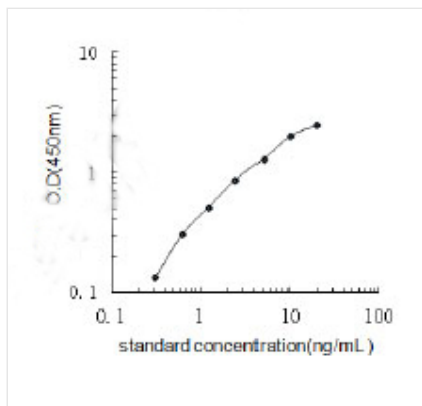
PRODUCT SYNONYMS

Calpain-1 catalytic subunit; Mouse Calpain-1 catalytic subunit ELISA Kit; Calcium-activated neutral proteinase 1; CANP 1; Calpain mu-type; Calpain-1 large subunit; Micromolar-calpain; muCANP; Capn1; Canp1; Capa1; 3.4.22.52; Capn1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	713
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Intra-Assay CV	<=4.5%
Inter-Assay CV	<=6.4%
Recovery	96%
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 Capn1 elisa kit

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 $\pm$ 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.

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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	160333229
NCBI GeneID	12333
NCBI Accession #	NP_001103974.1
NCBI GenBank Nucleotide #	NM_001110504.1
UniProt Accession #	O35350; O88666
Molecular Weight	82,106 Da
NCBI Official Full Name	calpain-1 catalytic subunit
NCBI Official Synonym Full Names	calpain 1
NCBI Official Symbol	Capn1
NCBI Official Synonym Symbols	Capa1; Capa-1; mu-calpin
NCBI Protein Information	calpain-1 catalytic subunit
UniProt Protein Name	Calpain-1 catalytic subunit
UniProt Gene Name	Capn1
UniProt Synonym Gene Names	Canp1; Capa1; CANP 1; muCANP
UniProt Entry Name	CAN1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/capn1-mouse-elisa-kits/calpain-1-catalytic-subunit/23302>