

Mouse Calpain-2 catalytic subunit ELISA Kit | Capn2 elisa kit

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CATALOG #
AAA194838

REACTIVITY
Mouse

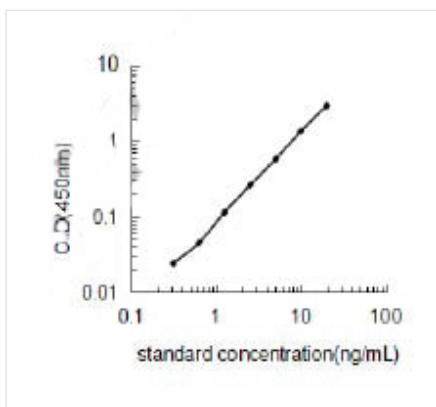
PRODUCT SYNONYMS

Calpain-2 catalytic subunit; Mouse Calpain-2 catalytic subunit ELISA Kit; 80 kDa M-calpain subunit; CALP80; Calcium-activated neutral proteinase 2; CANP 2; Calpain M-type; Calpain-2 large subunit; Millimolar-calpain; M-calpain; Capn2; Capn2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Recombinant and natural Mouse Calpain-2 catalytic subunit
Sequence Length	700
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.312-20 ng/mL
Sensitivity	< 0.156 ng/mL
Intra-assay Precision	<=4.6%
Inter-assay Precision	<=7.7%
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 Capn2 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 ± 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	157951598
NCBI GeneID	12334
NCBI Accession #	NP_033924.2
NCBI GenBank Nucleotide #	NM_009794.3
UniProt Accession #	O08529; O35518; O54843
Molecular Weight	79,872 Da
NCBI Official Full Name	calpain-2 catalytic subunit
NCBI Official Synonym Full Names	calpain 2
NCBI Official Symbol	Capn2
NCBI Official Synonym Symbols	Capa2; Capa-2; AI326419; m-calpin; m-calpain
NCBI Protein Information	calpain-2 catalytic subunit
UniProt Protein Name	Calpain-2 catalytic subunit
UniProt Gene Name	Capn2
UniProt Synonym Gene Names	CALP80; CANP 2; M-calpain
UniProt Entry Name	CAN2_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/capn2-mouse-elisa-kits/calpain-2-catalytic-subunit/194838>