

Mouse Calpain 10 (CAPN10) RTU ELISA Kit | CAPN10 rtu elisa kit

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CATALOG #
AAA69522

REACTIVITY
Mouse

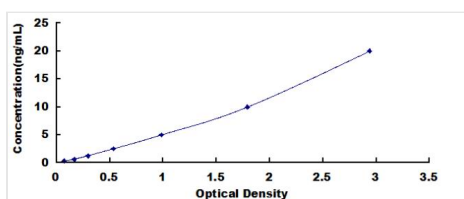
PRODUCT SYNONYMS

Calpain 10 (CAPN10); Mouse Calpain 10 (CAPN10) ELISA Kit; Calcium-activated neutral proteinase 10; CAPN10 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	666
Assay Type	Sandwich
Samples	Tissue Homogenates or Other Biological Fluids.
Detection Range	0.312-20ng/mL
Sensitivity	0.103ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CAPN10 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to CAPN10. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to CAPN10. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain CAPN10, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of CAPN10 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #

87080823

NCBI GeneID	23830
NCBI Accession #	NP_035926.2
NCBI GenBank Nucleotide #	NM_011796.2
UniProt Accession #	Q9ESK3; Q99J13; Q9WVF0
Molecular Weight	74,596 Da
NCBI Official Full Name	calpain-10
NCBI Official Synonym Full Names	calpain 10
NCBI Official Symbol	Capn10
NCBI Official Synonym Symbols	Capn8; AW049679; mKIAA1845
NCBI Protein Information	calpain-10
UniProt Protein Name	Calpain-10
UniProt Gene Name	Capn10
UniProt Synonym Gene Names	Capn8; CANP 10

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/mouse-rtu-elisa-kits/calpain-10-capn10/69522>