

Human Calpain, Small Subunit 1 (CAPNS1) RTU ELISA Kit | CAPNS1 rtu elisa kit

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CATALOG #
AAA69528

REACTIVITY
Human

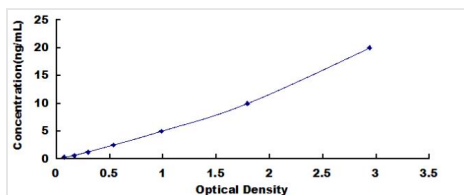
PRODUCT SYNONYMS

Calpain; Small Subunit 1 (CAPNS1); Human Calpain; Small Subunit 1 (CAPNS1) ELISA Kit; CANP; 30K; Calpain 4; CANPS; CAPN4; CDPS; Calcium-activated neutral proteinase small subunit; Calcium-dependent protease small subunit; Calpain regulatory subunit; CAPNS1 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	268
Assay Type	Sandwich
Samples	Tissue Homogenates or Other Biological Fluids.
Detection Range	0.312-20ng/mL
Sensitivity	0.133ng/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 CAPNS1 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to CAPNS1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to CAPNS1. 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 CAPNS1, 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 CAPNS1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	51599151
NCBI GeneID	826
NCBI Accession #	NP_001003962.1
NCBI GenBank Nucleotide #	NM_001003962.2
UniProt Accession #	P04632; Q8WTX3; Q96EW0; A8K0P1
Molecular Weight	28,316 Da
NCBI Official Full Name	calpain small subunit 1 isoform 1
NCBI Official Synonym Full Names	calpain small subunit 1
NCBI Official Symbol	CAPNS1
NCBI Official Synonym Symbols	CANP; CDPS; CSS1; CANPS; CAPN4; CALPAIN4
NCBI Protein Information	calpain small subunit 1
UniProt Protein Name	Calpain small subunit 1
UniProt Gene Name	CAPNS1
UniProt Synonym Gene Names	CAPN4; CAPNS; CSS1; CANP small subunit; CDPS

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/human-rtu-elisa-kits/calpain-small-subunit-1-capns1/69528>