

Human Calpain small subunit 1 (CAPNS1) ELISA Kit | CAPNS1 elisa kit

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CATALOG #
AAA44226

REACTIVITY
Human

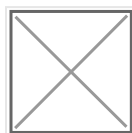
PRODUCT SYNONYMS

Calpain small subunit 1 (CAPNS1); Human Calpain small subunit 1 (CAPNS1) ELISA Kit; CAPNS1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	268
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 15ng/ml
Sensitivity	0.02ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CAPNS1 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Calpain Small Subunit 1 (also known as CAPNS1) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human CAPNS1 antibody. CAPNS1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human CAPNS1 Antibody is added and binds to CAPNS1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated CAPNS1 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human CAPNS1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	110227381
NCBI GeneID	12336

NCBI Accession #	NP_033925.2
NCBI GenBank Nucleotide #	NM_009795.4
UniProt Accession #	O88456 ; Q3V0X5 ; Q5BKQ2 ; Q8CEI2 ; Q8VEK4 ; Q9R1C5
Molecular Weight	28,463 Da
NCBI Official Full Name	calpain small subunit 1
NCBI Official Synonym Full Names	calpain, small subunit 1
NCBI Official Symbol	Capns1
NCBI Official Synonym Symbols	Cdps; Css1; Capa4; Capn4; Capa-4; D7Ert146e
NCBI Protein Information	calpain small subunit 1
UniProt Protein Name	Calpain small subunit 1
UniProt Gene Name	Capns1
UniProt Synonym Gene Names	Capn4; 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-elisa-kits/calpain-small-subunit-1-capns1/44226>