

Human Calpain 7 (CAPN7) ELISA Kit | CAPN7 elisa kit

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CATALOG #
AAA42353

REACTIVITY
Human

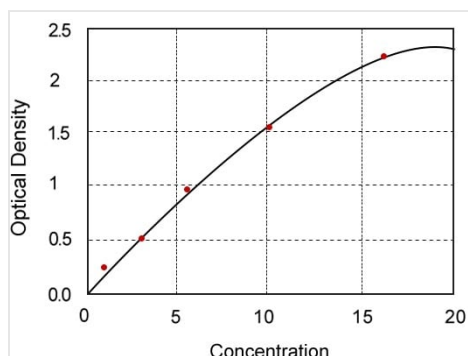
PRODUCT SYNONYMS

Calpain 7 (CAPN7); Human Calpain 7 (CAPN7) ELISA Kit; CAPN7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	813
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.2ng/ml - 60ng/ml
Sensitivity	0.09ng/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 CAPN7 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Calpain 7 (also known as CAPN7) 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 CAPN7 antibody. CAPN7 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human CAPN7 Antibody is added and binds to CAPN7 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated CAPN7 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 CAPN7. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	7656959
NCBI GeneID	23473
NCBI Accession #	NP_055111.1
NCBI GenBank Nucleotide #	NM_014296.2
UniProt Accession #	Q9Y6W3
Molecular Weight	92,652 Da
NCBI Official Full Name	calpain-7
NCBI Official Synonym Full Names	calpain 7
NCBI Official Symbol	CAPN7
NCBI Official Synonym Symbols	PALBH; CALPAIN7
NCBI Protein Information	calpain-7
UniProt Protein Name	Calpain-7
UniProt Gene Name	CAPN7
UniProt Synonym Gene Names	PALBH; PalBH

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://www.aaabiotech.com/human-elisa-kits/calpain-7-capn7/42353>