

Rat CALPAIN 3 ELISA Kit | CAPN3 elisa kit

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CATALOG #
AAA122911

REACTIVITY
Rat

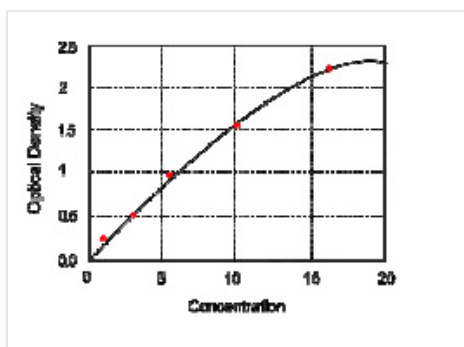
PRODUCT SYNONYMS

CALPAIN 3; Rat CALPAIN 3 ELISA Kit; CAPN3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	815
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	10ng/L-2000ng/L
Sensitivity	5.65ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. 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 CAPN3 elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Calcium/Calmodulin-dependent Protein Kinase-2 (also known as CAMK 2) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates. Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat CAMK 2 antibody. CAMK 2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat CAMK 2 Antibody is added and binds to CAMK 2 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated CAMK 2 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 Rat CAMK 2. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4704752
NCBI GeneID	825
NCBI Official Full Name	calpain 3
NCBI Official Synonym Full Names	calpain 3
NCBI Official Symbol	CAPN3
NCBI Official Synonym Symbols	p94; CANP3; LGMD2; nCL-1; CANPL3; LGMD2A; LGMDD4; LGMDR1
NCBI Protein Information	calpain-3

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/rat-elisa-kits/calpain-3/122911>