

Rat calpain-1 catalytic subunit (CAPN1) ELISA Kit | CAPN1 elisa kit

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CATALOG #
AAA120984

REACTIVITY
Rat

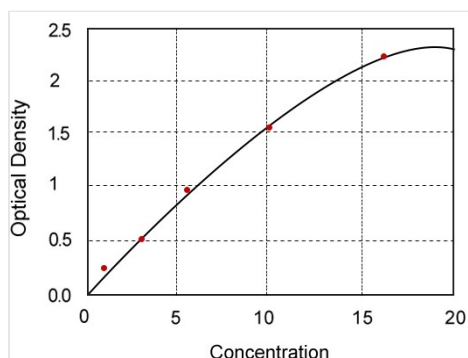
PRODUCT SYNONYMS

calpain-1 catalytic subunit (CAPN1); Rat calpain-1 catalytic subunit (CAPN1) ELISA Kit; CAPN1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 30ng/ml
Sensitivity	0.028ng/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 CAPN1 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Calpain-1 Catalytic Subunit (also known as CAPN1) 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 Rat CAPN1 antibody. CAPN1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat CAPN1 Antibody is added and binds to CAPN1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated CAPN1 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 CAPN1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

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/rat-elisa-kits/calpain-1-catalytic-subunit-capn1/120984>