

Rat Calpastatin ELISA Kit | Cast elisa kit

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CATALOG #
AAA191741

REACTIVITY
Rat

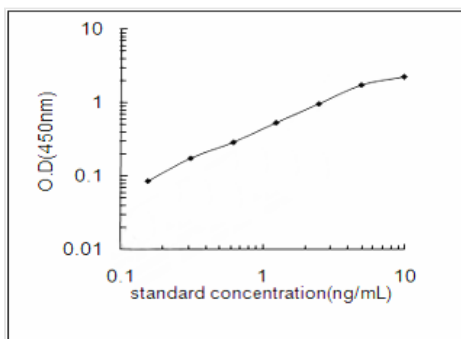
PRODUCT SYNONYMS

Calpastatin; Rat Calpastatin ELISA Kit; Calpain inhibitor; Cast; Cast elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	675
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Cast elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm $\pm$ 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	76159288
NCBI GeneID	25403
NCBI Accession #	NP_001028887.1

NCBI GenBank Nucleotide #	NM_001033715.1
UniProt Accession #	P27321; O55151; O55152; O55153; Q5BK19; A5GXY4; A5GXY5; A5GXY6; A5GXY7; A5GXY8; A5GXY9; A5GXZ7
Molecular Weight	58,859 Da
NCBI Official Full Name	calpastatin isoform b
NCBI Official Synonym Full Names	calpastatin
NCBI Official Symbol	Cast
NCBI Protein Information	calpastatin
UniProt Protein Name	Calpastatin
UniProt Gene Name	Cast
UniProt Entry Name	ICAL_RAT

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/cast-rat-elisa-kits/calpastatin/191741>