



Rat Cathepsin B(CTSB) ELISA kit

Product Code	CSB-EL006185RA
Abbreviation	CTSB
Target Name	cathepsin B
Uniprot No.	P00787
Alias	APPS, CPSB, APP secretase amyloid precursor protein secretase cathepsin B1 cysteine protease preprocathepsin B
Product Type	ELISA Kit
Immunogen Species	Rattus norvegicus (Rat)
Sample Types	serum, plasma, tissue homogenates, cell lysates
Detection Range	18.75 ng/mL-1200 ng/mL
Sensitivity	4.67 ng/mL
Assay Time	1-5h
Sample Volume	50-100ul
Detection Wavelength	450 nm
Lead Time	3-5 working days after you place the order, and it takes another 3-5 days for delivery via DHL or FedEx.
Research Area	Signal Transduction
Gene Names	Ctsb
Tag Info	quantitative
Protein Description	Sandwich

Description

This Rat CTSB ELISA Kit was designed for the quantitative measurement of Rat CTSB protein in serum, plasma, tissue homogenates, cell lysates. It is a Sandwich ELISA kit, its detection range is 18.75 ng/mL-1200 ng/mL and the sensitivity is 4.67 ng/mL.

Target Details

This protein is a lysosomal cysteine proteinase composed of a dimer of disulfide-linked heavy and light chains, both produced from a single protein precursor. It is also known as amyloid precursor protein secretase and is involved in the proteolytic processing of amyloid precursor protein (APP). Incomplete proteolytic processing of APP has been suggested to be a causative factor in Alzheimer disease, the most common cause of dementia. Overexpression of the encoded protein, which is a member of the peptidase C1 family, has been associated with esophageal adenocarcinoma and other tumors. At least five transcript variants encoding the same protein have been found for this gene.

Msds

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