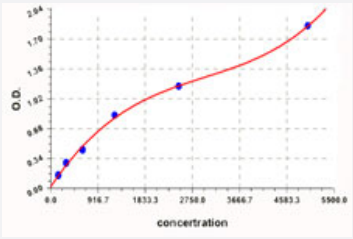
Ctsb (Mouse) ELISA Kit

Catalog # KA0992 Size 1 Kit

Applications



The standard curve is for the purpose of illustration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.

Specification

Product Description	Ctsb (Mouse) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of mouse Ctsb.
Suitable Sample	Cell Culture Supernatant, Cell Lysates, Tissue homogenates, Serum and Plasma (heparin, EDTA)
Sample Volume	100 uL
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	156 to 10000 pg/mL
Reactivity	Mouse
Regulation Status	For research use only (RUO)
Storage Instruction	Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles.

Applications

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- Quantification

Gene Info — Ctsb

Entrez GeneID	13030
Gene Name	Ctsb
Gene Alias	-
Gene Description	cathepsin B
Gene Ontology	Hyperlink
Other Designations	CATHEPSIN B PRECURSOR (CATHEPSIN B1)

Publication Reference

- Antiamyloidogenic and neuroprotective functions of cathepsin B: implications for Alzheimer's disease.

  Mueller-Steiner S, Zhou Y, Arai H, Roberson ED, Sun B, Chen J, Wang X, Yu G, Esposito L, Mucke L, Gan L.

  Neuron 2006 Sep; 51(6):703.

- Human gastric adenocarcinoma cathepsin B: isolation and sequencing of full-length cDNAs and polymorphisms of the gene.

  Cao L, Taggart RT, Berquin IM, Moin K, Fong D, Sloane BF.

  Gene 1994 Feb; 139(2):163.

- Nucleotide and predicted amino acid sequences of cloned human and mouse preprocathepsin B cDNAs.

  Chan SJ, San Segundo B, McCormick MB, Steiner DF.

  PNAS 1986 Oct; 83(20):7721.

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