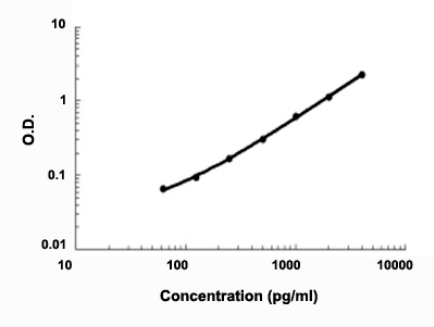
CTSS (Human) ELISA Kit

Catalog # KA3906 Size 1 Kit

Applications



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

Specification

Product Description	CTSS (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of human CTSS.
Suitable Sample	Cell culture supernates, serum and plasma (heparin, EDTA)
Sample Volume	100 uL
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Quantitative
Calibration Range	62.5 to 4000 pg/ml
Reactivity	Human
Regulation Status	For research use only (RUO)
Quality Control Testing	Standard curve The standard curve is for the purpose of demonstration only and should not be used to calculate unknowns. A standard curve should be generated each time the assay is performed.
Storage Instruction	Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles.

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Applications

- Quantification

Gene Info — CTSS

Entrez GeneID	1520
Gene Name	CTSS
Gene Alias	MGC3886
Gene Description	cathepsin S
Omim ID	116845
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene, a member of the peptidase C1 family, is a lysosomal cysteine proteinase that may participate in the degradation of antigenic proteins to peptides for presentation on MHC class II molecules. The encoded protein can function as an elastase over a broad pH range in alveolar macrophages. Transcript variants utilizing alternative polyadenylation signals exist for this gene. [provided by RefSeq
Other Designations	OTTHUMP00000032942

Pathway

- Antigen processing and presentation
- Lysosome

Disease

- Alzheimer disease
- Asthma
- Atherosclerosis
- Cardiovascular Diseases
- Cognition

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- Coronary Disease
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Multiple Sclerosis
- Obesity

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