

ARG83262 Human Cathepsin Z ELISA Kit

Package: 96 wells
Store at: 4°C

Summary

Product Description	ARG83262 Human Cathepsin Z ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human Cathepsin Z in Serum, Plasma and Cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Specificity	There is no detectable cross-reactivity with other relevant proteins.
Target Name	Cathepsin Z
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	13 pg/ml
Detection Range	312 pg/ml - 20,000 pg/ml
Sample Type	Serum, Plasma and Cell culture supernatants
Precision	Intra-Assay CV: 4.5% Inter-Assay CV: 4.4%
Alternate Names	CTSX; Cathepsin P; Cathepsin Z; Cathepsin X; EC 3.4.18.1

Application Instructions

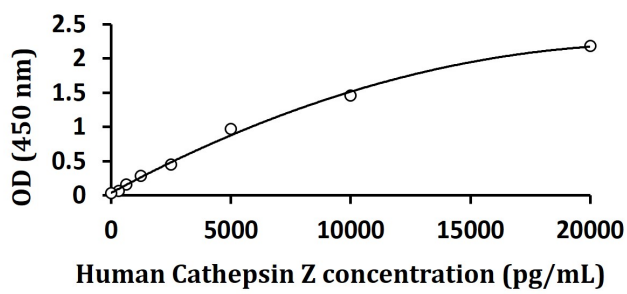
Assay Time	~ 5 hours
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Properties

Form	96 well
Storage instruction	Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	CTSZ
Gene Full Name	cathepsin Z
Background	The protein encoded by this gene is a lysosomal cysteine proteinase and member of the peptidase C1 family. It exhibits both carboxy-monopeptidase and carboxy-dipeptidase activities. The encoded protein has also been known as cathepsin X and cathepsin P. This gene is expressed ubiquitously in cancer cell lines and primary tumors and, like other members of this family, may be involved in tumorigenesis. [provided by RefSeq, Oct 2008]
Function	Exhibits carboxy-monopeptidase as well as carboxy-dipeptidase activity. [UniProt]



ARG83262 Human Cathepsin Z ELISA Kit standard curve image

ARG83262 Human Cathepsin Z ELISA Kit results of a typical standard run with optical density reading at 450 nm.