

Hamster Cathepsin C ELISA Kit | CTSC elisa kit

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CATALOG #
AAA10033

REACTIVITY
Hamster

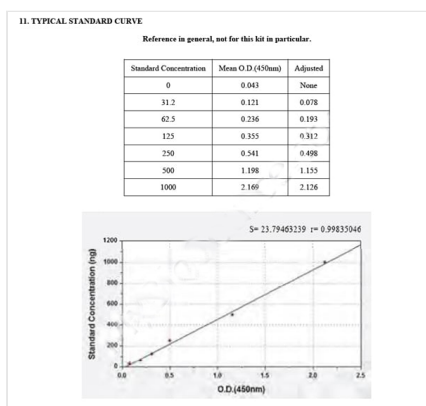
PRODUCT SYNONYMS

Cathepsin C; Hamster Cathepsin C ELISA Kit; CTSC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Hamster
Samples	Serum, Plasma, Cell Culture Supernatants, Tissue Homogenate, Urine and other Body Fluids
Detection Range	3.12 ng/ml ~ 100 ng/ml.
Intended Uses	This ELISA kit is intended for laboratory in vitro research use only, not for drug, household or other use! The Stop Solution changes the color from blue to yellow and the intensity of the color is measured at 450 nm by a spectrophotometer. In order to measure the concentration of Hamster CTSC in the specimen, this ELISA kit includes a set of calibration standards. The calibration standards are assayed at the same time as the specimens and allow the operator to produce a standard curve of Optical Density versus Hamster CTSC concentration. The concentration of Hamster CTSC in the specimens is then determined by comparing the O.D. of the specimens to the standard curve.
Intended Uses	This ELISA kit is intended for laboratory in vitro research use only, not for drug, household or other use! The Stop Solution changes the color from blue to yellow and the intensity of the color is measured at 450 nm by a spectrophotometer. In order to measure the concentration of Hamster CTSC in the specimen, this ELISA kit includes a set of calibration standards. The calibration standards are assayed at the same time as the specimens and allow the operator to produce a standard curve of Optical Density versus Hamster CTSC concentration. The concentration of Hamster CTSC in the specimens is then determined by comparing the O.D. of the specimens to the standard curve.
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CTSC elisa kit	Background: ELISA is a simple and highly sensitive method of analysis that allows for simultaneous and rapid quantification of a large number of specimens. The assay is based on the specific recognition of the target compound (analyte/antigen) by antibodies which bind to the compound. The antigen-antibody complex is detected and measured with the aid of an enzyme-labeled antibody or antigen. Upon addition of a non-colored reagent, the enzyme produces a color reaction where the color intensity is directly or inversely proportional to the concentration of the analyte in the specimen.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	88683003
NCBI GeneID	1075
UniProt Accession #	P53634; Q2HIY8; Q53G93; Q71E75; Q71E76; Q7M4N9; Q7Z3G7; Q7Z5U7; Q8WY99; Q8WYA7; A8K7V2; B5MDD5
Molecular Weight	51,854 Da
NCBI Official Full Name	CTSC protein
NCBI Official Synonym Full Names	cathepsin C
NCBI Official Symbol	CTSC
NCBI Official Synonym Symbols	JP; HMS; JPD; PLS; CPPI; DPP1; DPPI; PALS; DPP-I; PDON1
NCBI Protein Information	dipeptidyl peptidase 1; cathepsin J; dipeptidyl peptidase I; dipeptidyl transferase; dipeptidyl-peptidase I
UniProt Protein Name	Dipeptidyl peptidase 1
UniProt Gene Name	CTSC
UniProt Synonym Gene Names	CPPI; DPP-I; DPPI
UniProt Entry Name	CATC_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/ctsc-hamster-elisa-kits/cathepsin-c/10033>