CTSD (Cathepsin D) (CTSD) ELISA Kit for Human

PRODUCT OVERVIEW

Product Name	CTSD (Cathepsin D), ELISA Kit
Full Product Name	Human CTSD (Cathepsin D) ELISA Kit
Product Gene Name	CTSD elisa kit
Species Reactivity	Human
Product Categories/Family for CTSD elisa kit	ELISA Kits
Related Product Information for CTSD elisa kit	Enzyme immunoassay for detection of CTSD concentrations in serum, plasma, cell culture supernatant and other biological samples. For research use only. Not for use in test procedures. Cathepsin D is a ubiquitously expressed lysosomal aspartyl protease involved in the normal degradation of proteins . It is synthesized as an inactive 43 kDa preprocathepsin D that is cleaved and glycosylated to form a 46 kDa procathepsin D and then further cleaved to produce 28 kDa and 15 kDa subunits (heavy and light chains, respectively). Cathepsin D may also be secreted into the cytosol during apoptosis and contribute to cleavage of substrates implicated in the apoptotic pathway.
Other Notes	Small volumes of CTSD elisa kit vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for CTSD purchase	MBS495756 is a ready-to-use microwell, strip-or-full plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the CTSD (Cathepsin D) ELISA Kit target analytes in biological samples. The concentration gradients of the kit standards or positive controls render a theoretical kit detection range in biological research samples containing CTSD. The ELISA analytical biochemical technique of the MBS495756 kit is based on CTSD antibody-CTSD antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect CTSD antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, CTSD. Appropriate sample types may include undiluted body fluids and/or tissue homogenates, secretions. Quality control assays assessing reproducibility identified the intra-assay CV (%) and inter-assay CV(%).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CTSD. It may not necessarily be applicable to this product.

Protein Family	Aspartic-type endopeptidase
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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