

Human Cathepsin D (CTSD) RTU ELISA Kit | CTSD rtu elisa kit

Human Cathepsin D (CTSD) ELISA Kit

CATALOG #
AAA70040

REACTIVITY
Human

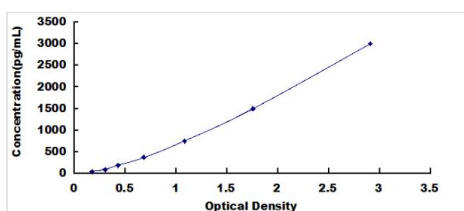
PRODUCT SYNONYMS

Cathepsin D (CTSD); Human Cathepsin D (CTSD) ELISA Kit; CPSD; CLN10; Lysosomal Aspartyl Protease; Ceroid-Lipofuscinosis; Neuronal 10; CTSD rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	412
Assay Type	Sandwich
Samples	Serum, Plasma, Tissue Homogenates or Other Biological Fluids.
Detection Range	46.8-3000pg/mL
Sensitivity	14.38pg/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CTSD rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to CTSD. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to CTSD. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain CTSD, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of CTSD in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #

4503143

NCBI GeneID	1509
NCBI Accession #	NP_001900.1
NCBI GenBank Nucleotide #	NM_001909.4
UniProt Accession #	P07339; Q6IB57
Molecular Weight	44,552 Da
NCBI Official Full Name	cathepsin D preproprotein
NCBI Official Synonym Full Names	cathepsin D
NCBI Official Symbol	CTSD
NCBI Official Synonym Symbols	CPSD; CLN10; HEL-S-130P
NCBI Protein Information	cathepsin D
UniProt Protein Name	Cathepsin D
UniProt Gene Name	CTSD
UniProt Synonym Gene Names	CPSD

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/human-rtu-elisa-kits/cathepsin-d-ctsd/70040>