

## Human Cathepsin V ELISA Kit | CTSL2 elisa kit

Cathepsin V (Human) OmniKine ELISA Kit

CATALOG #  
**AAA315787**

REACTIVITY  
**Human**

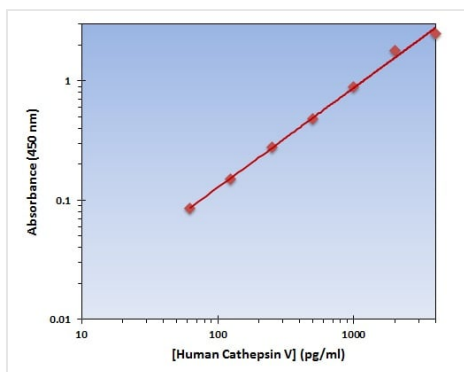
### PRODUCT SYNONYMS

Cathepsin V; Cathepsin V (Human) OmniKine ELISA Kit; Cathepsin L2; Cathepsin U; CATL2; CTSU; CTSV; CTSL2 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Specificity             | The OmniKine Human Cathepsin V ELISA is capable of recognizing both recombinant and naturally produced Human Cathepsin V proteins. The antigens listed below were tested at 50 ng/ml and did not exhibit significant cross-reactivity or interference.<br>Human: Cathepsin A, Cathepsin B, Cathepsin C, Cathepsin D, Cathepsin E, Cathepsin F, Cathepsin L, Cathepsin O, Cathepsin S, Cathepsin X/Z/P, Cystatin E/M, Fetuin A, Kininogen, Kininostatin |
| Form/Format             | 12 x 8-Well Microstrips                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Sequence Length         | 334                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Samples                 | Plasma, serum, lysate                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Assay Type              | Sandwich ELISA                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Detection Range         | 63-4000 pg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Sensitivity             | 63-4000 pg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Detection Method        | Colorimetric 450 nm                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Subtype                 | None                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Preparation and Storage | Store entire kit at 4 degree C until use.                                                                                                                                                                                                                                                                                                                                                                                                              |

### IMAGES



#### Application Data

The OmniKine Human Cathepsin V ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Human Cathepsin V proteins within the range of 63-4000 pg/ml.

NCBI AND UNIPROT INFORMATION

|                                  |                                |
|----------------------------------|--------------------------------|
| NCBI GI #                        | 320118898                      |
| NCBI GeneID                      | 1515                           |
| NCBI Accession #                 | NP_001188504.1                 |
| NCBI GenBank Nucleotide #        | NM_001201575.1                 |
| UniProt Accession #              | O60911; O60233; Q2TB86; Q5T1U0 |
| Molecular Weight                 | 37,329 Da                      |
| NCBI Official Full Name          | cathepsin L2 preproprotein     |
| NCBI Official Synonym Full Names | cathepsin V                    |
| NCBI Official Symbol             | CTSV                           |
| NCBI Official Synonym Symbols    | CTSU; CATL2; CTSL2             |
| NCBI Protein Information         | cathepsin L2                   |
| UniProt Protein Name             | Cathepsin L2                   |
| UniProt Gene Name                | CTSV                           |
| UniProt Synonym Gene Names       | CATL2; CTSL2; CTSU             |

**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/ctsl2-human-elisa-kits/cathepsin-v/315787>