

## Human Ubiquitin Conjugating Enzyme E2L3 (UBE2L3) ELISA Kit | UBE2L3 elisa kit

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CATALOG #  
**AAA138414**

REACTIVITY  
**Human**

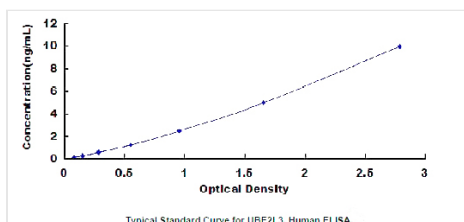
### PRODUCT SYNONYMS

Ubiquitin Conjugating Enzyme E2L3 (UBE2L3); Human Ubiquitin Conjugating Enzyme E2L3 (UBE2L3) ELISA Kit; L-UBC; E2-F1; UBCH7; UbcM4; Ubiquitin carrier protein L3; Ubiquitin-conjugating enzyme E2-F1; Ubiquitin-protein ligase L3; UBE2L3 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of UBE2L3. No significant cross-reactivity or interference between UBE2L3 and analogues was observed.                                                                                                                                                                                                                                                                                                              |
| Sequence Length         | 212                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Assay Type              | Double-antibody Sandwich                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Samples                 | Tissue homogenates, Cell lysates and other biological fluids                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Detection Range         | 0.156-10ng/mL                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Sensitivity             | 0.058ng/mL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Intra-assay Precision   | Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level UBE2L3 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%                                                                                                                                                                                                                                                                                                                   |
| Inter-assay Precision   | Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level UBE2L3 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%                                                                                                                                                                                                                                                                                 |
| Preparation and Storage | The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition.<br>To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end. |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for UBE2L3 elisa kit | <p>Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of UBE2L3 in human tissue homogenates, cell lysates and other biological fluids.</p> <p>Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to UBE2L3. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to UBE2L3. 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 UBE2L3, 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 +/- 10nm. The concentration of UBE2L3 in the samples is then determined by comparing the O.D. of the samples to the standard curve.</p> |
| Product Categories/Family for UBE2L3 elisa kit   | Enzyme & Kinase                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                |
|----------------------------------|----------------------------------------------------------------|
| NCBI GI #                        | 373432684                                                      |
| NCBI GeneID                      | 7332                                                           |
| NCBI Accession #                 | NP_001243284.1                                                 |
| NCBI GenBank Nucleotide #        | NM_001256355.1                                                 |
| UniProt Accession #              | P68036; P51966; P70653; Q9HAV1; B2R4A7; B4DDG1; B4DSZ4; E7EWS7 |
| Molecular Weight                 | 24,004 Da                                                      |
| NCBI Official Full Name          | ubiquitin-conjugating enzyme E2 L3 isoform 4                   |
| NCBI Official Synonym Full Names | ubiquitin-conjugating enzyme E2L 3                             |
| NCBI Official Symbol             | UBE2L3                                                         |
| NCBI Official Synonym Symbols    | E2-F1; L-UBC; UBCH7; UbcM4                                     |
| NCBI Protein Information         | ubiquitin-conjugating enzyme E2 L3                             |
| UniProt Protein Name             | Ubiquitin-conjugating enzyme E2 L3                             |
| UniProt Gene Name                | UBE2L3                                                         |
| UniProt Synonym Gene Names       | UBCE7; UBCH7                                                   |
| UniProt Entry Name               | UB2L3_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.