

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

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CATALOG #
AAA65209

REACTIVITY
Human

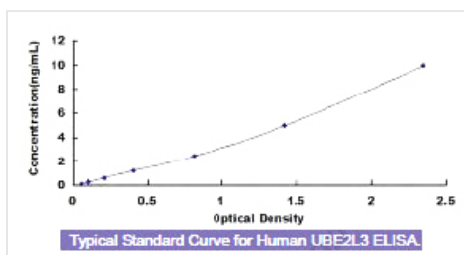
PRODUCT SYNONYMS

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
Samples	Tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.072ng/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	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for UBE2L3 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of UBE2L3 in human tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to UBE2L3. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation 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.
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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 E2 L3
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

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-elisa-kits/ubiquitin-conjugating-enzyme-e2l3-ube2l3/65209>