

Human Ubiquitin Conjugating Enzyme E2C (UBE2C) ELISA Kit | UBE2C elisa kit

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CATALOG #
AAA64963

REACTIVITY
Human

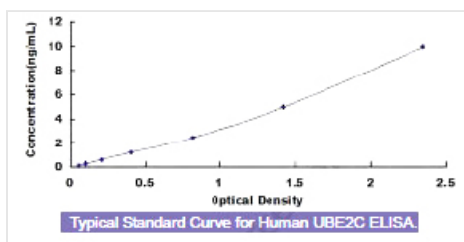
PRODUCT SYNONYMS

Ubiquitin Conjugating Enzyme E2C (UBE2C); Human Ubiquitin Conjugating Enzyme E2C (UBE2C) ELISA Kit; UBCH10; Ubiquitin carrier protein C; Ubiquitin-protein ligase C; UBE2C elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of UBE2C. No significant cross-reactivity or interference between UBE2C and analogues was observed.
Sequence Length	179
Samples	Tissue homogenates, cell lysates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.053ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level UBE2C 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 UBE2C 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 UBE2C elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of UBE2C in human tissue homogenates, cell lysates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to UBE2C. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to UBE2C. 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 UBE2C, 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 UBE2C 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 #	5902146
NCBI GeneID	11065
NCBI Accession #	NP_008950.1
NCBI GenBank Nucleotide #	NM_007019.3
UniProt Accession #	Q5TZN3; O00762
Molecular Weight	19,652 Da
NCBI Official Full Name	ubiquitin-conjugating enzyme E2 C isoform 1
NCBI Official Synonym Full Names	ubiquitin conjugating enzyme E2 C
NCBI Official Symbol	UBE2C
NCBI Official Synonym Symbols	UBCH10; dJ447F3.2
NCBI Protein Information	ubiquitin-conjugating enzyme E2 C
UniProt Protein Name	UBE2C protein
UniProt Gene Name	UBE2C

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-e2c-ube2c/64963>