

Human Ubiquitin-Conjugating Enzyme E2 C (UBE2C) ELISA Kit | UBE2C elisa kit

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CATALOG #
AAA330326

REACTIVITY
Human

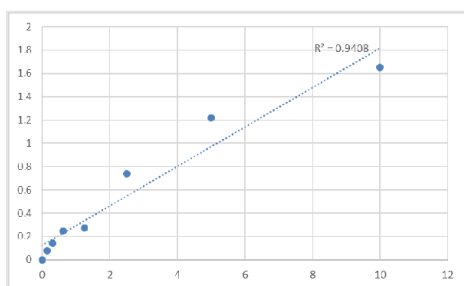
PRODUCT SYNONYMS

Ubiquitin-Conjugating Enzyme E2 C (UBE2C); Human Ubiquitin-Conjugating Enzyme E2 C (UBE2C) ELISA Kit; UBE2C; RP3-447F3.1; UBCH10; dJ447F3.2; cyclin-selective ubiquitin carrier protein; mitotic-specific ubiquitin-conjugating enzyme; ubiquitin carrier protein E2-C; ubiquitin-protein ligase C; UBE2C elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Ubiquitin-conjugating enzyme E2 C (UBE2C) ELISA Kit has high sensitivity and excellent specificity for detection of Human UBE2C. No significant cross-reactivity or interference between Human UBE2C and analogues was observed.
Sequence Length	132
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Ubiquitin-conjugating enzyme E2 C (UBE2C) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for UBE2C elisa kit	Description: This Human Ubiquitin-conjugating enzyme E2 C (UBE2C) ELISA Kit employs a two-site sandwich ELISA to quantitate UBE2C in samples. An antibody specific for UBE2C has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any UBE2C present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for UBE2C is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of UBE2C bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: UBE2CBP bound UBE2C and that the amino acid sequence between 235 and 257 was necessary for this binding. UBE2CBP showed a self-ubiquitinylation activity in a HECT-like sequence-dependent manner. The C-terminal half (amino acids 188-389) showed stronger activity than the full-length UBE2CBP. In addition, the C-terminal half of UBE2CBP was able to bind cyclin B and ubiquitinylate cyclin B in vitro. UBE2CBP gene contains 10 exons and spans approximately 176 kb.The C terminus of UBE2CBP shows weak homology to the HECT domain, which is conserved in one of the ubiquitin ligase (E3) families. Members of this family accept the ubiquitin moiety from E2 and transfer it to the target protein.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	528524529
NCBI GeneID	11065
NCBI Accession #	NP_001268670.1
NCBI GenBank Nucleotide #	NP_001268670.1
UniProt Accession #	O00762
NCBI Official Full Name	ubiquitin-conjugating enzyme E2 C isoform 6
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	Ubiquitin-conjugating enzyme E2 C
UniProt Gene Name	UBE2C
UniProt Synonym Gene Names	UBCH10
UniProt Entry Name	UBE2C_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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/ubiquitin-conjugating-enzyme-e2-c-ube2c/330326>