

Human SUMO-conjugating enzyme UBC9 ELISA Kit | UBE2I elisa kit

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CATALOG #
AAA98965

REACTIVITY
Human

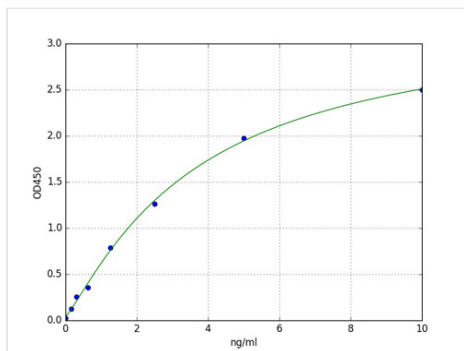
PRODUCT SYNONYMS

SUMO-conjugating enzyme UBC9; Human SUMO-conjugating enzyme UBC9 ELISA Kit; UBE2I/SUMO-conjugating enzyme UBC9/Ubiquitin-conjugating Enzyme E2/p18/Ubiquitin-protein ligase I/Ubiquitin-conjugating enzyme E2 I/Ubiquitin carrier protein I/SUMO-protein ligase/Ubiquitin carrier protein 9/UBC9/UBCE9/C358B7.1; UBE2I elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	158
Assay Type	Sandwich ELISA, Double Antibody
Samples	cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human UBE2I ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A-not applicable)

X	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.037	0.242	0.353	0.585	0.969	1.345	1.785	2.255

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for UBE2I elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human UBE2I antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human UBE2I antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRPStreptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human UBE2I amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human UBE2I can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	35494003
NCBI GeneID	7329
NCBI Accession #	NP_919237.1
NCBI GenBank Nucleotide #	NM_194261.2
Molecular Weight	18,007 Da
NCBI Official Full Name	SUMO-conjugating enzyme UBC9
NCBI Official Synonym Full Names	ubiquitin conjugating enzyme E2I
NCBI Official Symbol	UBE2I
NCBI Official Synonym Symbols	P18; UBC9; C358B7.1
NCBI Protein Information	SUMO-conjugating enzyme UBC9
UniProt Protein Name	SUMO-conjugating enzyme UBC9
UniProt Gene Name	UBE2I
UniProt Synonym Gene Names	UBC9; UBCE9
UniProt Entry Name	UBC9_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/ube2i-human-elisa-kits/sumo-conjugating-enzyme-ubc9/98965>