

Human Ubiquitin Protein Ligase E3A (UBE3A) ELISA Kit | UBE3A elisa kit

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CATALOG #
AAA67398

REACTIVITY
Human

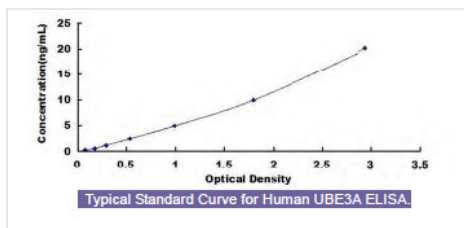
PRODUCT SYNONYMS

Ubiquitin Protein Ligase E3A (UBE3A); Human Ubiquitin Protein Ligase E3A (UBE3A) ELISA Kit; SFTPC; PSP-C; SFTP2; SP-C; Pulmonary Surfactant Protein C; UBE3A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of UBE3A. No significant cross-reactivity or interference between UBE3A and analogues was observed.
Sequence Length	875
Samples	Human serum, plasma, tissue homogenates, cell lysates, cell culture supernates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	<0.102ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level UBE3A 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 UBE3A 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 UBE3A elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of UBE3A in human serum, plasma, tissue homogenates, cell lysates, cell culture supernates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to UBE3A. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to UBE3A. 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 UBE3A, 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 UBE3A 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 #	19718766
NCBI GeneID	7337
NCBI Accession #	NP_000453.2
NCBI GenBank Nucleotide #	NM_000462.3
UniProt Accession #	Q05086; P78355; Q93066; Q9UEP4; Q9UEP5; Q9UEP6; Q9UEP7; Q9UEP8; Q9UEP9; A8K8Z9
Molecular Weight	100,102 Da
NCBI Official Full Name	ubiquitin-protein ligase E3A isoform 2
NCBI Official Synonym Full Names	ubiquitin protein ligase E3A
NCBI Official Symbol	UBE3A
NCBI Official Synonym Symbols	AS; ANCR; E6-AP; HPVE6A; EPVE6AP
NCBI Protein Information	ubiquitin-protein ligase E3A
UniProt Protein Name	Ubiquitin-protein ligase E3A
UniProt Gene Name	UBE3A
UniProt Synonym Gene Names	E6AP; EPVE6AP; HPVE6A

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.