

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

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CATALOG #
AAA184328

REACTIVITY
Human

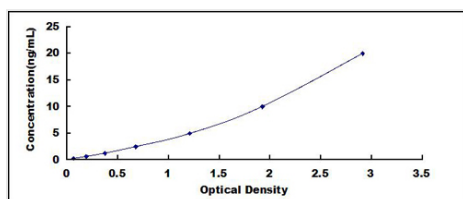
PRODUCT SYNONYMS

Ubiquitin Protein Ligase E3A (UBE3A); Human Ubiquitin Protein Ligase E3A (UBE3A) ELISA Kit; ANCR; AS; E6-AP; EPVE6AP; HPVE6A; Papilloma Virus E6-Associated; Angelman Syndrome; Oncogenic protein-associated protein E6-AP; Renal carcinoma antigen NY-REN-54; UBE3A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Ubiquitin Protein Ligase E3A (UBE3A). No significant cross-reactivity or interference between Ubiquitin Protein Ligase E3A (UBE3A) and analogues was observed.
Sequence Length	973
Assay Type	Double-antibody Sandwich
Samples	Tissue Homogenates, Cell Lysates and Other Biological Fluids
Detection Range	0.312-20ng/mL
Sensitivity	< 0.119ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Ubiquitin Protein Ligase E3A (UBE3A) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Ubiquitin Protein Ligase E3A (UBE3A) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for UBE3A elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Ubiquitin Protein Ligase E3A (UBE3A). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Ubiquitin Protein Ligase E3A (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 Ubiquitin Protein Ligase E3A (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 Ubiquitin Protein Ligase E3A (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 #	21356487
NCBI GeneID	39266
NCBI Accession #	NP_648452.1
NCBI GenBank Nucleotide #	NM_140195.4
UniProt Accession #	Q9VTH1
Molecular Weight	107,590 Da
NCBI Official Full Name	ubiquitin protein ligase E3A
NCBI Official Synonym Full Names	Ubiquitin protein ligase E3A
NCBI Official Symbol	Ube3a
NCBI Official Synonym Symbols	As; AS; CG6190; das; DmelCG6190; dube3a; dube3A; dUbe3a; dUBE3A; Dube3a; Dube3A; NM_140195.2; ube3a; UBE3A
NCBI Protein Information	CG6190 gene product from transcript CG6190-RA
UniProt Protein Name	LD21888p
UniProt Gene Name	Ube3a

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-protein-ligase-e3a-ube3a/184328>