

Mouse E1A Binding Protein P300 (EP300) ELISA Kit | EP300 elisa kit

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CATALOG # AAA67068	REACTIVITY Mouse
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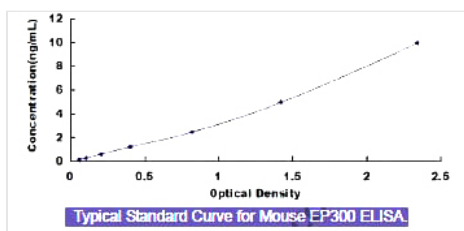
PRODUCT SYNONYMS

E1A Binding Protein P300 (EP300); Mouse E1A Binding Protein P300 (EP300) ELISA Kit; KAT3B; p300; Histone Acetyltransferase p300; EP300 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of EP300. No significant cross-reactivity or interference between EP300 and analogues was observed.
Sequence Length	2412
Samples	Tissue homogenates, cell lysates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.051ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level EP300 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 EP300 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 EP300 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of EP300 in mouse 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 EP300. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to EP300. 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 EP300, 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 EP300 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 #	94421034
NCBI GeneID	328572
NCBI Accession #	NP_808489.4
NCBI GenBank Nucleotide #	NM_177821.6
UniProt Accession #	B2RWS6; E9PYJ8
Molecular Weight	263,305 Da
NCBI Official Full Name	histone acetyltransferase p300
NCBI Official Synonym Full Names	E1A binding protein p300
NCBI Official Symbol	Ep300
NCBI Official Synonym Symbols	p300; KAT3B; p300 HAT; A430090G16; A730011L11
NCBI Protein Information	histone acetyltransferase p300
UniProt Protein Name	Histone acetyltransferase p300
UniProt Gene Name	Ep300
UniProt Synonym Gene Names	P300; p300 HAT

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/mouse-elisa-kits/e1a-binding-protein-p300-ep300/67068>