

Mouse Histone Deacetylase 6 (HDAC6) ELISA Kit | HDAC6 elisa kit

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CATALOG #
AAA67874

REACTIVITY
Mouse

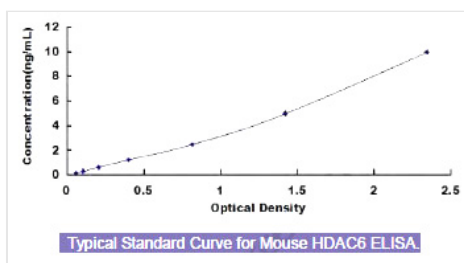
PRODUCT SYNONYMS

Histone Deacetylase 6 (HDAC6); Mouse Histone Deacetylase 6 (HDAC6) ELISA Kit; HDAC6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of HDAC6. No significant cross-reactivity or interference between HDAC6 and analogues was observed.
Sequence Length	1,149
Samples	Tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.064ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level HDAC6 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 HDAC6 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 HDAC6 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of HDAC6 in mouse tissue homogenates, cell lysates, cell culture supernates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to HDAC6. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to HDAC6. 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 HDAC6, 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 HDAC6 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 #	194353999
NCBI GeneID	15185
NCBI Accession #	NP_001123888.1
NCBI GenBank Nucleotide #	NM_001130416.1
UniProt Accession #	Q9Z2V5; B1AUA6
Molecular Weight	125,787 Da
NCBI Official Full Name	histone deacetylase 6
NCBI Official Synonym Full Names	histone deacetylase 6
NCBI Official Symbol	Hdac6
NCBI Official Synonym Symbols	Hd6; Sfc6; Hdac5; mHDA2
NCBI Protein Information	histone deacetylase 6
UniProt Protein Name	Histone deacetylase 6
UniProt Gene Name	Hdac6
UniProt Synonym Gene Names	HD6

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/histone-deacetylase-6-hdac6/67874>