

Mouse Histone Deacetylase 2 (HDAC2) ELISA Kit | HDAC2 elisa kit

Mouse Histone Deacetylase 2 (HDAC2) ELISA Kit

CATALOG #
AAA65547

REACTIVITY
Mouse

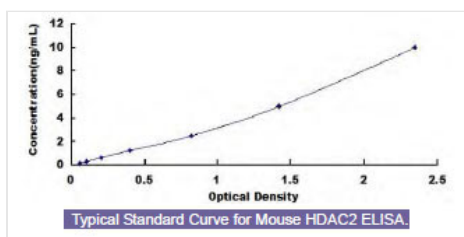
PRODUCT SYNONYMS

Histone Deacetylase 2 (HDAC2); Mouse Histone Deacetylase 2 (HDAC2) ELISA Kit; RPD3; YAF1; HD2; HDAC2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of HDAC2. No significant cross-reactivity or interference between HDAC2 and analogues was observed.
Sequence Length	488
Samples	Tissue homogenates, cell lysates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.073ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level HDAC2 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 HDAC2 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 HDAC2 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of HDAC2 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 HDAC2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to HDAC2. 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 HDAC2, 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 HDAC2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	87162464
NCBI GeneID	15182
NCBI Accession #	NP_032255.2
NCBI GenBank Nucleotide #	NM_008229.2
UniProt Accession #	P70288; B2RRP3
Molecular Weight	55,302 Da
NCBI Official Full Name	histone deacetylase 2
NCBI Official Synonym Full Names	histone deacetylase 2
NCBI Official Symbol	Hdac2
NCBI Official Synonym Symbols	YAF1; Yy1bp; mRPD3; D10Wsu179e
NCBI Protein Information	histone deacetylase 2
UniProt Protein Name	Histone deacetylase 2
UniProt Gene Name	Hdac2
UniProt Synonym Gene Names	Yy1bp; HD2

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/histone-deacetylase-2-hdac2/65547>