

Rat Histone deacetylase 2 (HDAC2) ELISA Kit | HDAC2 elisa kit

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CATALOG #
AAA121050

REACTIVITY
Rat

PRODUCT SYNONYMS

Histone deacetylase 2 (HDAC2); Rat Histone deacetylase 2 (HDAC2) ELISA Kit; HDAC2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	488
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 30ng/ml
Sensitivity	0.03ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HDAC2 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Histone Deacetylase 2 (also known as HDAC2) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat HDAC2 antibody. HDAC2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat HDAC2 Antibody is added and binds to HDAC2 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated HDAC2 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Rat HDAC2. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	293336691
NCBI GeneID	3066
NCBI Accession #	NP_001518.3
NCBI GenBank Nucleotide #	NM_001527.3
UniProt Accession #	Q92769; Q5SRI8; Q5SZ86; Q8NEH4; B3KRS5; B4DL58; E1P561
Molecular Weight	51,998 Da
NCBI Official Full Name	histone deacetylase 2
NCBI Official Synonym Full Names	histone deacetylase 2
NCBI Official Symbol	HDAC2
NCBI Official Synonym Symbols	HD2; RPD3; YAF1
NCBI Protein Information	histone deacetylase 2
UniProt Protein Name	Histone deacetylase 2
UniProt Gene Name	HDAC2
UniProt Synonym Gene Names	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.

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Online datasheet: <https://stage.aaabiotech.com/rat-elisa-kits/histone-deacetylase-2-hdac2/121050>