

## Monkey Histone Deacetylase 2 ELISA Kit | HDAC2 elisa kit

Monkey Histone Deacetylase 2 ELISA Kit

CATALOG #  
**AAA97374**

REACTIVITY  
**Monkey**

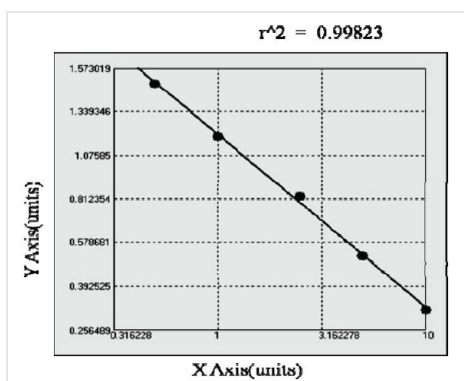
### PRODUCT SYNONYMS

Histone Deacetylase 2; Monkey Histone Deacetylase 2 ELISA Kit; HDAC2 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                            |
|-------------------------|----------------------------------------------------------------------------|
| Reactivity              | Monkey                                                                     |
| Samples                 | Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate |
| Assay Type              | Competitive                                                                |
| Sensitivity             | 0.1 ng/mL.                                                                 |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                        |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for HDAC2 elisa kit

**Principle of the assay:** HDAC2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-HDAC2 antibody and an HDAC2-HRP conjugate. The assay sample and buffer are incubated together with HDAC2-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the HDAC2 concentration since HDAC2 from samples and HDAC2-HRP conjugate compete for the anti-HDAC2 antibody binding site. Since the number of sites is limited, as more sites are occupied by HDAC2 from the sample, fewer sites are left to bind HDAC2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The HDAC2 concentration in each sample is interpolated from this standard curve.

#### Product Categories/Family for HDAC2 elisa kit

[Epigenetics and Nuclear Signaling](#)

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                        |
|----------------------------------|----------------------------------------------------------------------------------------|
| NCBI GI #                        | 293336691                                                                              |
| NCBI GeneID                      | 3066                                                                                   |
| NCBI Accession #                 | NP_001518.3                                                                            |
| NCBI GenBank Nucleotide #        | NM_001527.3                                                                            |
| Molecular Weight                 | 55,364 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; YY1-associated factor 1; transcriptional regulator homolog RPD3 |
| UniProt Protein Name             | Histone deacetylase 2                                                                  |
| UniProt Gene Name                | <b>HDAC2</b>                                                                           |
| UniProt Synonym Gene Names       | HD2                                                                                    |
| UniProt Entry Name               | HDAC2_HUMAN                                                                            |

**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/hdac2-monkey-elisa-kits/histone-deacetylase-2/97374>