

HDAC1 Assay Kit

Catalog # KA0629

Size 1 Kit

Specification

Product Description	HDAC1 Assay Kit is use for measuring the amount of HDAC1.
Regulation Status	For research use only (RUO)
Storage Instruction	Store HA5 and HDAC1 control at -20°C. Store HA3, HA4, HA6 and 8 well strips at 4°C away from light. Store all other components at room temperature.

Applications

- Quantification

Gene Info — HDAC1

Entrez GeneID	3065
Gene Name	HDAC1
Gene Alias	DKFZp686H12203, GON-10, HD1, RPD3, RPD3L1
Gene Description	histone deacetylase 1
Omim ID	601241
Gene Ontology	Hyperlink
Gene Summary	Histone acetylation and deacetylation, catalyzed by multisubunit complexes, play a key role in the regulation of eukaryotic gene expression. The protein encoded by this gene belongs to the histone deacetylase/acuc/apha family and is a component of the histone deacetylase complex. It also interacts with retinoblastoma tumor-suppressor protein and this complex is a key element in the control of cell proliferation and differentiation. Together with metastasis-associated protein-2, it deacetylates p53 and modulates its effect on cell growth and apoptosis. [provided by RefSeq]
Other Designations	OTTHUMP00000008745[reduced potassium dependency, yeast homolog-like 1

Pathway

- [Cell cycle](#)
- [Chronic myeloid leukemia](#)
- [Notch signaling pathway](#)
- [Pathways in cancer](#)

Disease

- [Asthma](#)
- [Cognition Disorders](#)
- [Genetic Predisposition to Disease](#)
- [Huntington disease](#)
- [Mental Status Schedule](#)
- [Neoplasms](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Tobacco Use Disorder](#)