

HDACs Immunoprecipitation & Activity Assay Kits

Only Kits on the market to specifically measure activity of HDAC1, HDAC2 or HDAC3!

Histone deacetylases (HDACs) play a central role in controlling cell cycle regulation, cell differentiation, and tissue development. These proteins have crucial roles in development and physiology, especially in the heart and nervous system. It is also deeply involved in cellular proliferation, cell cycle, and apoptosis. BioVision's HDACs IP & Activity Assay Kits provide an antibody-based method to specifically immunoprecipitate HDAC1, 2 or 3 complex from cells and tissues and to fluorometrically measure the HDAC activity of the immunoprecipitated complex.

Key Features:

- Simple, Convenient & Rapid
- Includes Protein A/G-Sepharose for capturing the HDACs immunocomplexes
- Specifically immunoprecipitate HDAC1, 2 or 3 complexes from cells, tissue and nuclear extracts
- Useful for specifically measuring HDAC1, 2 or 3 activity in immunoprecipitated complexes/purified enzymes
- Ideal tool for screening activators or inhibitors of HDAC1, 2 or 3

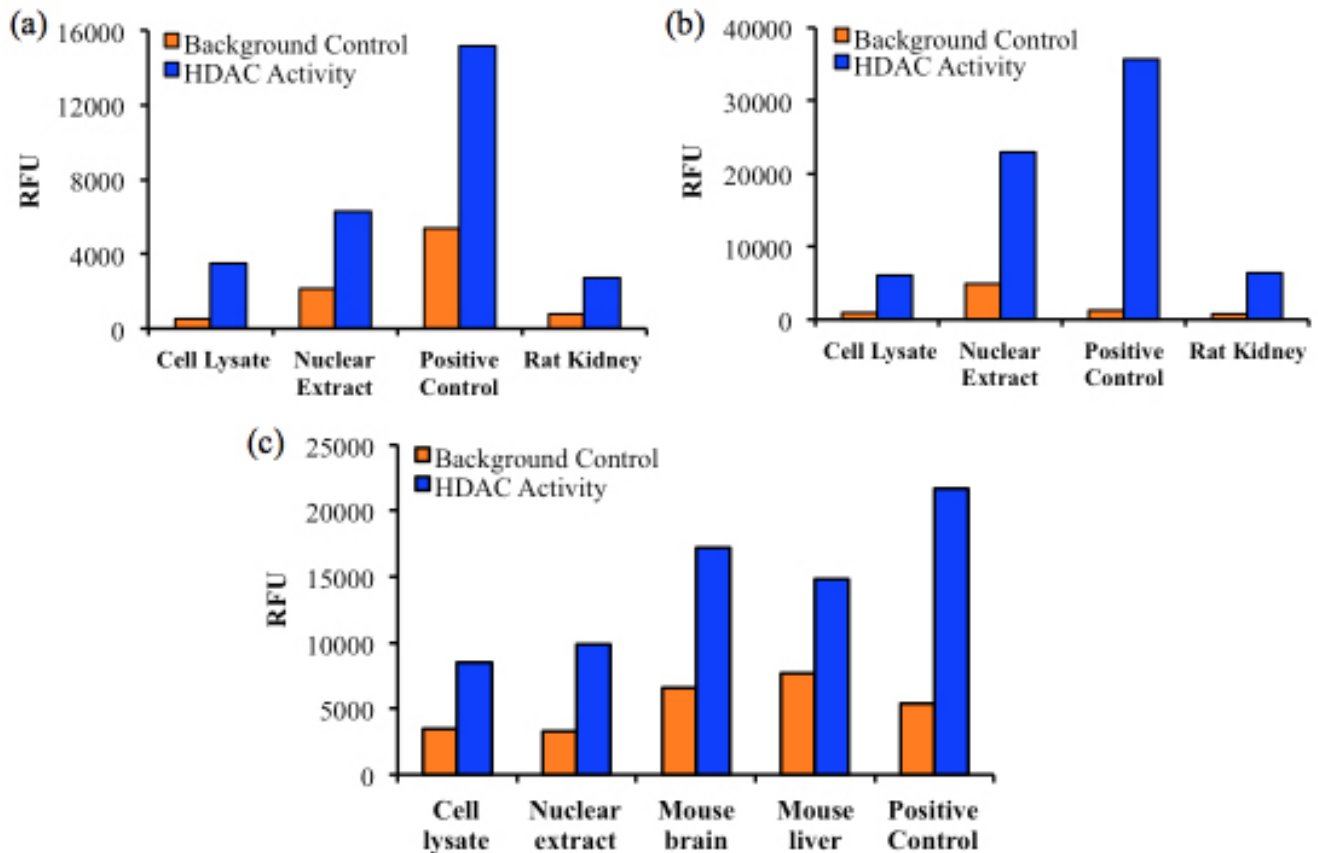


Figure: HDACs activity measured in different samples using HDAC1 (K342), HDAC2 (K341), and HDAC3 (K344) Immunoprecipitation (IP) & Activity Assay Kits. (a) HDAC1 IP activity in HeLa cell lysate and nuclear extract and total HDAC activity of positive control, **(b)** HDAC2 IP activity in HeLa cell lysate and nuclear extract and total HDAC activity of positive control and **(c)** HDAC3 IP activity in Jurkat cell lysate and nuclear extract, mouse brain and liver extract and total HDAC activity of positive control.

Product Name	Cat. No.	Size
HDAC1 Immunoprecipitation (IP) & Activity Assay Kit	K342	25 assays
HDAC2 Immunoprecipitation (IP) & Activity Assay Kit	K341	25 assays
HDAC3 Immunoprecipitation (IP) & Activity Assay Kit	K344	25 assays

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