

HDAC Assay Kits, Inhibitors & Antibodies

Epigenetic regulators such as histone deacetylases (HDACs) are known to play an important role in gene expression. Of these enzymes, HDACs have been shown to be commonly associated with many types of cancers and to affect cancer development. Consequently, HDACs have been considered as promising targets for cancer therapy. In addition, the inhibition of HDACs by histone deacetylase inhibitors (HDACIs) shifts the balance between the deacetylating activity of HDACs and the acetylating activity of HATs in the regulation of gene expression. HDACIs are a new class of compounds that are being developed for the treatment of malignancies such as cutaneous T-cell lymphoma. Numerous HDACIs have been identified and some have recently been used in clinical trials for cancer treatment. BioVision offers several HDAC assay kits, inhibitors and antibodies with structural diversity to the researchers as shown in the following table.

Assay Kits

Product Name	Cat. No.	Size
HDAC Colorimetric Assay Kit	K331	100 assays
HDAC Fluorometric Assay Kit	K330	100 assays
HDAC Inhibitor Drug Screening Kit	K340	100 assays
HDAC1 Immunoprecipitation (IP) & Activity Assay Kit	K342	25 assays
HDAC2 Immunoprecipitation (IP) & Activity Assay Kit	K341	25 assays
HDAC3 Activity Assay Kit	K343	100 assays
HDAC3 Immunoprecipitation (IP) & Activity Assay Kit	K344	25 assays
HDAC3 Inhibitor Screening Kit	K363	100 assays
HDAC6 Activity Assay Kit (Fluorometric)	K466	100 assays
HDAC6 Inhibitor Screening Kit (Fluorometric)	K465	100 Assays
HDAC8 Activity Assay Kit	K348	100 assays
HDAC8 Inhibitor Screening Kit	K368	100 assays
Immunoprecipitation (IP) Kit	K286	25 assays
InSitu HDAC Activity Fluorometric Assay Kit	K339	100 assays

Antibodies

Product Name	Cat. No.	Size
DMAP1 Antibody	3715	30 µg, 100 µg
HDAC Family Antibody Set	K333	11x 30 µg
HDAC1 Antibody	3601	30 µg, 100 µg
HDAC10 Antibody	3610	30 µg, 100 µg
HDAC11 Antibody	3611P	30 µg, 100 µg
HDAC2 Antibody	3602	30 µg, 100 µg
HDAC3 Antibody	6603	30 µg, 100 µg
HDAC3 Antibody	3603	30 µg, 100 µg
HDAC4 Antibody	3604	30 µg, 100 µg
HDAC4 Antibody	3604A	30 µg, 100 µg
HDAC5 Antibody	3605	30 µg, 100 µg
HDAC6 Antibody	3606	30 µg, 100 µg

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Antibodies

HDAC7 Antibody	3607	30 µg, 100 µg
HDAC8 Antibody	3608	30 µg, 100 µg
HDAC8 Antibody	5618	30 µg, 100 µg
HDAC9 Antibody	3609	30 µg, 100 µg
TBLR1 Antibody	6127	50 µg

Blocking Peptides

Product Name	Cat. No.	Size
eNOS Blocking Peptide	3426BP	50 µg
HDAC1 Blocking Peptide	3601BP	50 µg
HDAC10 Blocking Peptide	3610BP	50 µg
HDAC11 Blocking Peptide	3611BP	50 µg
HDAC2 Blocking Peptide	3602BP	50 µg
HDAC3 Blocking Peptide	3603BP	50 µg
HDAC4 Blocking Peptide	3604BP	50 µg
HDAC5 Blocking Peptide	3605BP	50 µg
HDAC6 Blocking Peptide	3606BP	50 µg
HDAC7 Blocking Peptide	3607BP	50 µg
HDAC8 Blocking Peptide	3608BP	50 µg
HDAC9 Blocking Peptide	3609BP	50 µg

Enzymes

Product Name	Cat. No.	Size
Active SIRT2, human recombinant	7698	10 µg, 50 µg, 1 mg
HDAC3, human recombinant	7613	250 units, 1000 units
HDAC6, human recombinant	7534	10 µg
HDAC8, human recombinant	7618	20 µg, 100 µg, 1 mg
HeLa Nuclear Extract	1641	100 µg, 1 mg
HeLa Nuclear Extract (DTT-free)	7947	100 µg, 1 mg
Sirtuin 2, human recombinant	7632	20 µg, 100 µg, 1 mg

Inhibitors

Product Name	Cat. No.	Size	CAS Number
3,3'-Diindolylmethane	2150	100 mg, 1 g	1968-05-4
4SC-202	B1230	5 mg, 25 mg	1186222-89-8
ACY-1215	2629	5 mg, 25 mg	1316214-52-4
Apicidin	1601	1 mg	183506-66-3
AR-42 (HDAC-42)	2716	1 mg, 5 mg	935881-37-1
BG-45	B1866	5 mg, 25 mg	926259-99-6
BML210	B1128	5 mg, 25 mg	537034-17-6
BRD-73954	9596	5 mg, 25 mg	1440209-96-0
CAY10683	B1051	5 mg, 25 mg	1477949-42-0
CBHA	2284	5 mg, 10 mg	174664-65-4
Chidamide	2261	1 mg, 5 mg	743420-02-2
CI-994	1742	10 mg, 50 mg	112522-64-2

Inhibitors

Product Name	Cat. No.	Size	CAS Number
Citarinostat	B1560	5 mg, 25 mg	1316215-12-9
CUDC-101	1966	5 mg, 25 mg	1012054-59-9
CUDC-907	B1675	5 mg, 25 mg	1339928-25-4
Depudecin	2087	100 µg	139508-73-9
Droxinostat	9570	5 mg, 25 mg	99873-43-5
Elevenostat	B1893	1 mg	-
EZSolution™ Trichostatin A	2271	1 mg	58880-19-6
FK228	2447	1 mg	128517-07-7
HC Toxin	2728	500 µg, 1 mg	83209-65-8
ITF2357	9431	1 mg, 5 mg	732302-99-7
ITSA-1	2089	5 mg, 25 mg	200626-61-5
JNJ-26481585	9612	5 mg, 25 mg	875320-29-9
LAQ824	2634	1 mg, 5 mg	404951-53-7
LMK-235	B1642	5 mg, 25 mg	1418033-25-6
M344	1607	1 mg	251456-60-7
MC-1568	B1085	5 mg, 25 mg	852475-26-4
MGCD0103	2633	10 mg, 50 mg	726169-73-9
MS-275 (Eentinostat, SNDX-275)	1590	1 mg, 5 mg	209783-80-2
NCH 51	B1130	5 mg, 25 mg	848354-66-5
Nexturastat A	2098	1 mg	1403783-31-2
NKL 22 (MDK-4154)	B1133	10 mg, 50 mg	537034-15-4
Nullscript	2186	1 mg, 5 mg	300816-11-9
Oxamflatin	2250	1 mg, 5 mg	151720-43-3
Panobinostat (LBH589)	1612	1 mg, 5 mg, 25 mg	404950-80-7
PCI 34051	2251	5 mg, 25 mg	950762-95-5
PXD101	2480	5 mg, 25 mg	414864-00-9
Pyroxamide	2189	5 mg, 25 mg	382180-17-8
RGFP966	2818	5 mg, 25 mg	1396841-57-8
SAHA	1604	1 mg, 5 mg	149647-78-9
SB 939	2285	1 mg, 5 mg	929016-96-6
SBHA	2202	50 mg, 250 mg	38937-66-5
Scriptaid	1605	1 mg	287383-59-9
Sodium 4-phenylbutyrate	1608	100 mg, 1 g	1716-12-7
Sodium butyrate	1609	1 g	156-54-7
Splitomicin	1610	5 mg	5690-03-9
TC-H 106	B1148	10 mg, 50 mg	937039-45-7
TMP-195	B1860	5 mg, 25 mg	1314891-22-9
TMP269	2679	5 mg, 25 mg	1314890-29-3
Trichostatin A	1606	1 mg	58880-19-6
Tubacin	1984	250 µg, 1 mg	537049-40-4
Tubastatin A	1724	1 mg, 5 mg	1239262-52-2
UF 010	B1146	10 mg, 50 mg	537672-41-6
Valproic Acid, Sodium Salt	1647	200 mg	1069-66-5

Inhibitor Sets

Product Name	Cat. No.	Size	CAS Number
DiscoveryPak™ Epigenetic Modulators Set I	K879	10 modulators	Multiple
DiscoveryPak™ Epigenetic Modulators Set III	S220	24 modulators	Multiple
DiscoveryPak™ HDAC Inhibitor Set	K851	6 inhibitors	Multiple
DiscoveryPak™ HDAC Inhibitor Set II	K876	7 inhibitors	Multiple
DiscoveryPak™ Neuronal Cell Induction Small Molecules Set	K892	8 Modulators	Multiple
StemBoost™ Neuronal Cell Induction Cocktail Set (100X), Sterile-Filtered	K891	2 vials , 10 vials	Multiple

Please visit www.BioVision.com for a comprehensive overview on these products!