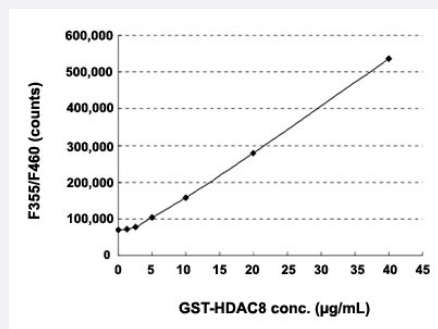


HDAC8 Deacetylase Fluorometric (Human) Assay Kit

Catalog # KA4443 Size 1 Kit

Applications



Dose dependent curve of recombinant HDAC8.

Specification

Product Description

HDAC8 Deacetylase Fluorometric (Human) Assay Kit is designed for the rapid and sensitive evaluation of HDAC inhibitors using recombinant HDAC8. Additionally, any cultured primary cell, cell line, or tissue homogenate can be assayed for HDAC8 activity with the HDAC8 deacetylase fluorometric assay kit after immunoprecipitation with an appropriate HDAC8 specific antibody.

Reactivity

Human

Regulation Status

For research use only (RUO)

Quality Control Testing

Dose dependent curve
Dose dependent curve of recombinant HDAC8.

Storage Instruction

Store the kit at -80°C. Do not expose reagents to excessive light.

Applications

- Functional Study

Gene Info — HDAC8

Entrez GeneID	55869
Gene Name	HDAC8
Gene Alias	HDACL1, RPD3
Gene Description	histone deacetylase 8
Omim ID	300269
Gene Ontology	Hyperlink
Gene Summary	<p>Histones play a critical role in transcriptional regulation, cell cycle progression, and developmental events. Histone acetylation/deacetylation alters chromosome structure and affects transcription factor access to DNA. The protein encoded by this gene belongs to class I of the histone deacetylase/acuc/apha family. It has histone deacetylase activity and represses transcription when tethered to a promoter. [provided by RefSeq]</p>
Other Designations	histone deacetylase-like 1

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)