CREATIVE BIOMART®
Assay Kit

EZH2 Homogeneous Assay Kit

Product Information

Cat.No. Kit-1727

Product Overview

EZH2 is a histone methyltransferase that exhibits methylation activity toward H3-K27.

Size

384 reactions

Description

The EZH2 Homogeneous Assay Kit is designed to measure activity of the EZH2 for screening and profiling applications, using AlphaLISA technology. The key to the EZH2 Homogeneous Assay Kit is a highly specific antibody that recognizes methylated substrate. With this kit, only three simple steps on a microtiter plate are required for methyltransferase detection. First, a sample containing EZH2 enzyme is incubated with the histone substrate for one hour. Next, acceptor beads and primary antibody are added, then donor beads, followed by reading the Alpha-counts.

Applications

Great for studying enzyme kinetics and screening small molecular inhibitors for drug discovery and HTS applications.

Storage

12 months from date of receipt, when stored as directed. Kit components require different storage conditions. Be sure to store each component at the proper temperature upon arrival.

Kit Components

EZH2: 100 µg; -80°C100 µM S-adenosylmethionine: 400 µl; -80°C Primary antibody 8*: 5 µl; 4°C Histone mixture (his-tagged): 400 µl; -80°C 4x HMT assay buffer 2: 3 ml; -20°C 4x Detection buffer 2: 2 ml; -20°C

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