

EZH1 Chemiluminescent Assay Kit

Product Information

Cat.No.

Kit-1722

Size

96 reactions

Description

The EZH1 Chemiluminescent Assay Kit is designed to measure activity of the EZH1 complex (EZH1/EED/SUZ12/RbAp48/AEBP) for screening and profiling purposes. The key to the EZH1 Chemiluminescent Assay Kit is a highly specific antibody that recognizes methylated Histone H3K27. With this kit, only three simple steps on a microtiter plate are required for methyltransferase detection. First, Sadenosylmethionine is incubated with a sample containing assay buffer and methyltransferase enzyme for one hour. Next, primary antibody is added. Finally, the plate is treated with an HRP-labeled secondary antibody followed by addition of the HRP substrate to produce chemiluminescence that can then be measured using a chemiluminescence reader.

Applications

Great for studying enzyme kinetics and HTS applications.

Storage

One year from date of receipt when stored as directed.

Kit Components

EZH1/EED/SUZ12/RbAp48/AEBP2: 15 µg; -80°C 400 µM Sadenosylmethionine: 250 µl; -80°C Primary antibody 6: 25 µl; -80°C Secondary HRP-labeled antibody 2: 10 µl; -80°C 4x HMT assay buffer 2: 3 ml; -20°C Blocking buffer: 50 ml; +4°C HRP chemiluminescent substrate A (translucent bottle): 6 ml; +4°C HRP chemiluminescent substrate B (brown bottle): 6 ml; +4°C 96-well plate precoated with histone substrate: 1 plate; +4°C