CREATIVE BIOMART®
Assay Kit

SUV39H1 Chemiluminescent Assay Kit

Product Information

Cat.No. Kit-1870

Size

96 reactions

Description

The SUV39H1 Chemiluminescent Assay Kit is designed to measure SUV39H1 activity for screening and profiling applications. The key to the SUV39H1 Chemiluminescent Assay Kit is a highly specific antibody that recognizes methylated K9 residue of Histone H3. With this kit, only three simple steps are required for methyltransferase detection. First, S-adenosylmethionine 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 antibodys 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 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

SUV39H1 human enzyme: 10 µg; -80°C 100 µM S-adenosylmethionine: 250 µl; -80°C Primary antibody 1: 100 µl; -80°C Secondary HRP-labeled antibody 1: 10 µl; -80°C4x HMT assay buffer 1: 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 8-well strip plate module precoated with histone substrate: 1 plate (12 x 8-well strips); +4°C

Tel: 1-631-559-9269 1-516-512-3133
Email:info@creative-biomart.org
Fax:1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA