CREATIVE BIOMART®
Assay Kit

# SUV4-20H1 Chemiluminescent Assay Kit

## Product Information

**Cat.No.** Kit-1872

**Size**

96 reactions

**Description**

The SUV4-20H1 Chemiluminescent Assay Kit is designed to measure SUV4-20H1 activity for screening and profiling applications. The key to the SUV4-20H1 Chemiluminescent Assay Kit is a highly specific antibody that recognizes a methylated residue of Histone H4. 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. 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 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**

SUV4-20H1 human enzyme: 50 µg; -80°C 8 mM S-adenosylmethionine: 500 µl; -80°C Primary antibody 18: 25 µl; -80°C Secondary HRP-labeled antibody 2: 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 96-well plate precoated with histone substrate: 1 plate; +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