CREATIVE BIOMART®
Assay Kit

SMARCA4/BRG1 Inhibitor Screening Assay Kit

Product Information

Cat.No. Kit-1867

Size

384 reactions

Description

The BRG1 Inhibitor Screening Assay Kit is designed to measure the inhibition of BRG1 binding to its substrate. The key to the BRG1 Inhibitor Screening Assay Kit is the specific binding of the BRG1 bromodomain to an acetylated histone substrate. With this kit, only three simple steps on a microtiter plate are required. First, a sample containing BRG1 and an inhibitor of choice is incubated with the biotinylated substrate. Next, acceptor beads are added, then donor beads, followed by reading the Alpha-counts.

Applications

Useful for the study of bromodomain binding assays, screening bromodomain inhibitors and selectivity profiling.

Storage

At least 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

SMARCA4/BRG1 (1480-1603): 20 µg; -80°CBromodomain Ligand 2 (BRG1): 400 µl; -80°C Non-acetylated Ligand 2 (BRG1): 200 µl; -80°C 3x BRD Homogeneous Assay Buffer 2: 4 ml; -20°C3x BRD Homogeneous Detection Buffer 2: 3 ml; -20°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