CREATIVE BIOMART®
Assay Kit

BRD4 (BD1) Inhibitor Screening Assay Kit

Product Information

Cat.No. Kit-1696

Size

384 reactions

Description

The BRD4 (BD1) Inhibitor Screening Assay Kit is designed to measure the inhibition of BRD4 bromodomain 1 (BD1) from binding to its substrate. The key to the BRD4 (BD1) Inhibitor Screening Assay Kit is the highly specific binding of the BRD4 bromodomain 1 to the acetylated histone substrate. With this kit, only three simple steps on a microtiter plate are required. First, a sample containing BRD4 bromodomain 1 and an inhibitor of choice is incubated with the biotinylated substrate for thirty minutes. 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

BRD4, BD1, GST-tag: 20 µg; -80°CBET Bromodomain Ligand (BRD4-BD1): 400 µl; -80°CNon-acetylated Ligand: 200 µl; -80°C3x BRD Homogeneous Assay Buffer 1: 4 ml; -20°C3x BRD Homogeneous Detection Buffer 1: 3 ml; -20°C

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