

## BRD4 (BD2) Inhibitor Screening Assay Kit

### Product Information

**Cat.No.**

Kit-1699

**Size**

384 reactions

**Description**

The BRD4 (BD2) Inhibitor Screening Assay Kit is designed to measure the inhibition of BRD4 bromodomain 2 (BD2) binding to its substrate. The key to the BRD4 (BD2) Inhibitor Screening Assay Kit is the highly specific binding of the BRD4 bromodomain 2 to the acetylated histone substrate. With this kit, only three simple steps on a microtiter plate are required. First, a sample containing BRD4 bromodomain 2 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, BD2, GST-tag: 20 µg; -80°C  
BET Bromodomain Ligand (BRD4-BD2): 400 µl; -80°C  
Non-acetylated Ligand 1: 200 µl; -80°C  
3x BRD Homogeneous Assay Buffer 1: 4 ml; -20°C  
3x BRD Homogeneous Detection Buffer 1: 3 ml; -20°C