CREATIVE BIOMART®
Assay Kit

BRD4 (BD1) TR-FRET Assay Kit

Product Information

Cat.No. Kit-1697

Size

384 reactions

Description

The BRD4 (BD1) TR-FRET Assay Kit is designed to measure the inhibition of BRD4 (BD1) binding to its substrate in a homogeneous 384 reaction format. This FRET-based assay requires no time-consuming washing steps, making it especially suitable for high throughput screening applications. The assay procedure is straightforward and simple; a sample containing terbium-labeled donor, dye-labeled acceptor, BRD4, substrate, and an inhibitor is incubated for sixty minutes. Then, the fluorescence intensity is measured using a fluorescence reader.

Applications

Great for screening small molecular inhibitors for drug discovery and HTS applications.

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: 5 µg; -80°CBET Bromodomain Ligand: 50 µl; -80°C Non-acetylated Ligand 1: 15 µl; -20°C Tb-donor: 2x10 µl; -20°C Dye-labeled acceptor: 2x10 µl; -20°C 3x BRD TR-FRET Assay Buffer 1: 4 ml; -20°C White Nonbinding low volume microtiter plate: 1; Room temp.

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