

## BRD4 (BD1) TR-FRET Assay Kit

### Product Information

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**Cat.No.**

Kit-1697

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**Size**

384 reactions

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**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.

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**Applications**

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

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**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.

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**Kit Components**

BRD4, BD1: 5 µg; -80°C BET 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.