

## HSP90 $\beta$ (C-Terminal Domain) TR-FRET Kit

### Product Information

**Cat.No.**

Kit-1751

**Size**

384 Reactions

**Description**

The HSP90 $\beta$  (C-Terminal) TR-FRET assay kit is designed to measure the inhibition of HSP90 $\alpha$  binding to its protein target PPID (also known as Cyclophilin D or Cyp40) in a homogeneous, 384 reaction format. This 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, HSP90 $\beta$ , substrate, and an inhibitor is incubated for 2 hours. The protein-protein interaction is then assayed by measuring the TR-FRET between the PPID and HSP90 $\beta$  using a fluorescence reader.

**Applications**

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

**Storage**

Stable at least 6 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**

HSP90 $\beta$  (C-Terminal), Biotin Labeled: 10  $\mu$ g; -80°C PPID, GST-tag: 10  $\mu$ g; -80°C Tb donor: 20  $\mu$ l; -20°C Dye-labeled acceptor: 20  $\mu$ l; -20°C 3x HSP90 TR-FRET Assay Buffer: 4 ml; -20°C White, Nonbinding, low volume, microtiter plate: 1; Room temp.