



HSP90 β (C-Terminal Domain) TR-FRET Kit

Product Information

Cat.No.

Kit-1751

Size

384 Reactions

Description

The HSP90 β (C-Terminal) TR-FRET assay kit is designed to measure the inhibition of HSP90 α 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 β , 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 β 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 β (C-Terminal), Biotin Labeled: 10 μ g; -80°C PPID, GST-tag: 10 μ g; -80°C Tb donor: 20 μ l; -20°C Dye-labeled acceptor: 20 μ l; -20°C 3x HSP90 TR-FRET Assay Buffer: 4 ml; -20°C White, Nonbinding, low volume, microtiter plate: 1; Room temp.
