CREATIVE BIOMART®
Assay Kit

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

Product Information

Cat.No. Kit-1751

Size

384 Reactions

Description

The HSP90β (C-Terminal) TR-FRET assay kit is designed to measure the inhibition of HSP90a 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, HSP90β, 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 HSP90β 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

HSP90β (C-Terminal), Biotin Labeled: 10 µg; -80°C PPID, GST-tag: 10 µg; -80°C Tb donor: 20 µl; -20°C Dye-labeled acceptor: 20 µl; -20°C 3x HSP90 TR-FRET Assay Buffer: 4 ml; -20°C White, Nonbinding, low volume, microtiter plate: 1; Room temp.

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