CREATIVE BIOMART®
Assay Kit

TR-FRET ER beta Competitive Binding Kit

Product Information

Cat

Kit-0932

Common Name

TR-FRET

Cat.No. Kit-0932

Description

The TR-FRET ER beta Competitive Binding Kit provides a sensitive and robust method for high-throughput screening (HTS) of ligands for estrogen receptor (ER) beta. The kit uses a human ER beta ligand-binding domain (LBD) that is tagged with glutathione S-transferase (GST), a terbium-labeled anti-GST antibody, and a fluorescent small-molecule ER ligand (ES2) in a homogeneous mix-and-read assay format.

The Lanthascreen ER beta Competitive Binding Assay is:

- Complete & ready-to-use out of the box—all reagents included, just add your test compounds
- High throughput compatible—TR-FRET assays in a 384-well plate
- Convenient—components available in bulk sizes for larger screening needs

Applications

Competitive Binding Assay, Nuclear Receptor Assay

Storage

1 tube ER beta Ligand Binding Domain Recombinant Protein (store at -68 to -85°C)
1 tube of Fluormone ES2 (store at -5 to -30°C)
2 bottles NR Buffer (store at -5 to -30°C)
1 tube Tb-Anti-GST Ab (store at -5 to -30°C)
1 tube of DTT (store at -5 to -30°C)

Size

800 x 20 µL assays

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