



## TR-FRET ER alpha Competitive Binding Kit

### Product Information

#### Cat

Kit-0973

#### Common Name

TR-FRET

#### Cat.No.

Kit-0973

#### Description

The TR-FRET ER alpha Competitive Binding Kit provides a sensitive and robust method for high-throughput screening (HTS) of ligands for estrogen receptor (ER) alpha. The kit uses a human ER alpha 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 alpha 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 alpha 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)



CREATIVE **BIOMART**<sup>®</sup>  
Assay Kit

## TR-FRET ER alpha Competitive Binding Kit

### Size

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800 x 20  $\mu$ L assays

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