CREATIVE BIOMART®
Assay Kit

TR-FRET Glucocorticoid Receptor Competitive Binding Kit

Product Information

Cat

Kit-0953

Common Name

TR-FRET

Cat.No. Kit-0953

Description

The TR-FRET Glucocorticoid Receptor Competitive Binding Assay Kit provides a sensitive and robust method for high-throughput screening (HTS) of ligands for glucocorticoid receptor (GR). The kit uses a human GR ligand-binding domain (GR-LBD) tagged with glutathione S-transferase (GST) (also available separately), a terbium-labeled anti-GST antibody, and a fluorescent small-molecule GR ligand (GS1) in a homogeneous mix-and-read assay format.

The Lanthascreen Gluococorticoid Receptor 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 GR Ligand Binding Domain Recombinant Protein (store at -68 to -85°C)
1 tube of Fluormone GS1 (store at -5 to -30°C)
2 bottles Buffer (store at -5 to -30°C)
1 tube Tb-Anti-GST Ab (store at -5 to -30°C)
5 tubes GR Stabilizing Peptide (store at -5 to -30°C)
1 tube of DTT (store at -5 to -30°C)

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Size
800 x 20 µL assays

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