Cisbio Tag-lite® binding assays offer straightforward add-and-read protocols to help you characterize the binding properties of compounds, regardless of their chemical structures (peptides, small or complex molecules), or pharmacological properties (agonist, antagonist, or inverse agonist).

Get straight to your research by running, ligand binding assays directly with Cisbio cells and their matching fluorescent ligands. This solution is ideal for non-radioactive, fluorescent saturation, and competitive binding assays.

**Benefit from Tag-lite cellular binding assays to move away from radioactivity**

- Cells and ligand pairs validated for saturation binding assays
- Kd values determination
- Ki values determination
- No effect on receptor functionality
- Frozen cells, ready to be used

Cisbio offers a wide selection of ligand binding solutions, covering over 18 GPCRs
HOW IT WORKS  THE HOMOGENEOUS ALTERNATIVE TO RADIO LIGAND BINDING ASSAYS

To determine $K_d$, the fluorescent ligand is titrated into a solution containing a fixed amount of labeled cells, and then incubated to equilibrium. To determine $K_i$, the compound is titrated into a solution containing a fixed concentration of fluorescent ligand and a fixed quantity of cells. At equilibrium, the fraction of labeled ligand bound to the receptor is proportional to the recorded FRET signal. Binding affinities are calculated from this resulting signal.

Cisbio provides Tag-lite transformed, and labeled cells, matching fluorescent ligands, buffer, and a complete assay procedure to guide you through assay development efficiently.

ORDERING INFORMATION

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<th>FAMILY</th>
<th>RECEPTOR</th>
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EXPERT SERVICES TO SATISFY YOUR EXACT NEEDS

In addition to providing ready-to-use solutions, Cisbio’s team of experienced experts also works hand-in-hand with clients to create custom solutions. From compound characterization, to small- and large-scale reagent preparation and full assay development, Cisbio is the ideal trusted partner to support all your needs.

Keep your therapeutic research moving forward with faster, more robust, physiologically relevant results. Call us or visit www.cisbio.com