

EuroscreenFast

- ≡ Binding & Functional GPCR Screening
- ≡ Custom Cell Line and Assay Development
- ≡ Target Discovery & Deorphanisation
- ≡ High-Throughput Screening
- ≡ Lead Optimisation support with **Fast** turnaround time

Over **1,000** functional & binding assays representing more than **530** GPCR and other targets

Aequorin = luminescence-based intracellular Ca^{2+} flux assay

cAMP = HTRF assay for intracellular cAMP quantification (Gs or Gi mode)

IPOne = HTRF assay for intracellular IP1 quantification

GTPyS = radiometric assay measuring GTP recruitment at G α subunits

ERK1/2 = HTRF assay for intracellular p-ERK quantification (Thr202/Tyr204)

Internalization = TagLite[®] assay for receptor internalization measurement

Binding = radiometric or fluorescent (TagLite[®]) receptor binding assay

Biochemical = luminescent or fluorescent assay for enzymatic activity inhibition determination

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The logo for EuroscreenFast, featuring a stylized 'E' icon followed by the text 'EuroscreenFast' in a white sans-serif font, with 'Fast' in orange.

GPCR pioneers for over 30 years

Based in Charleroi, Belgium, EuroscreenFast has been a pioneer in GPCR science for more than 30 years. As the first company to offer access to recombinant GPCR assays, EuroscreenFast has grown to offer a catalogue that includes over 1,000 functional assays representing more than 530 GPCR and other targets. Therapeutic developers worldwide trust EuroscreenFast with their compounds to determine affinity, potency, efficacy and functional selectivity.

Beyond binding & functional GPCR screening, EuroscreenFast also boasts an impressive deorphanisation track record with the identification of 17 natural receptor-ligand pairs. Resulting in 12 patents, this world-leading platform is based on a unique collection of natural tissue extracts, a large library of cellular tools and more than three decades in the field. The company has one of the largest libraries of orphan GPCR cell lines, verified for receptor expression.

Custom cell line and assay development is also core to the offering at EuroscreenFast. Using a proprietary high-copy, bicistronic expression vector, cell lines from a range of species can be engineered to express the client's target of choice and validated for use in functional or binding assays, or as a screening tool for drug discovery. EuroscreenFast has also developed specialized assays to bridge the gap between *in vitro* and *in vivo* data.

The team of highly skilled and expert scientists strategically design each program based on the latest knowledge of the target's biology: EuroscreenFast is your unrivalled GPCR development partner.

EuroscreenFast is a business unit of EPICS Therapeutics SA.



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