

DISCOVERING A BRIGHTER FUTURE

ION Biosciences accelerates drug discovery with top-tier fluorescent ion indicators, proprietary assays, and custom services. Our solutions make research more accessible and efficient, empowering breakthroughs in biotechnology

Innovative Solutions

Fluorescent Ion Indicators: Calcium, Potassium, Sodium, Thallium, pH

Customizable Assay Kits: Built for You, by Us

Broad Instrumentation Compatibility: FLIPR. FDSS, Plate Readers, Microscopes and more

Stable cell lines: Ion channels, GPCRs

Assays for a comprehensive range of targets:

GPCRs: Ion channels:

Ion transporters:

 $\mathbf{G}_{i/o}$

◀ Sodium channels

■ Na+/K+-ATPase

 $\mathbf{G}_{\mathbf{G}}$

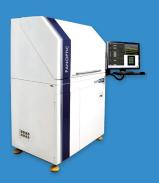
◀ Potassium channels

◀ SLC transporters

 $\triangleleft G_{\alpha 16}$

Calcium channels

✓ And more...



Panoptic

Plate type: 384-well plate

Readouts: Fluorescence, luminescence

Applications: HTS, kinetic assays,

mutliplexing

Services We Offer

Assays: Assay Development / HTS

Cell Line Engineering: Vector design, monoclonal selection, and functional screening

Custom Synthesis: Dyes designed for specific

applications

Why ION Biosciences?



Superior Performance

Outperforms industry standards, with unmatched reliability in every assay



Cost-effective solutions

Manufactured by us at the highest quality



Exceptional Technical Support

From scientists who develop and use these products daily



Proven Reliability

Low batch-to-batch variability, bio-validations on every lot