



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: |
| ◀ $G_{i/o}$ | ◀ Sodium channels | ◀ Na^+/K^+ -ATPase |
| ◀ G_q | ◀ Potassium channels | ◀ SLC transporters |
| ◀ $G_{\alpha 16}$ | ◀ Calcium channels | ◀ And more... |



Panoptic

Plate type: 384-well plate

Readouts: Fluorescence, luminescence

Applications: HTS, kinetic assays, multiplexing

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