

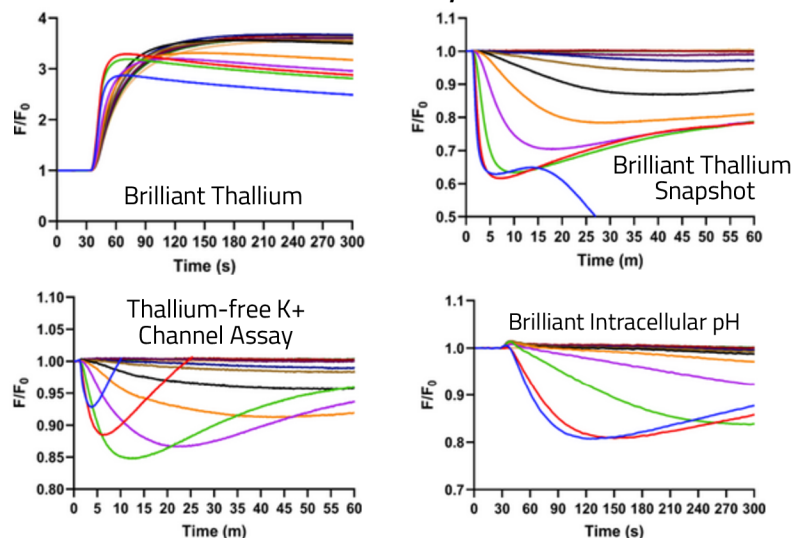
Fluorescence-based assay development from the team that designs & commercializes proprietary assays for ion channels, transporters, and GPCRs—combining in-house assay technologies, cell line engineering expertise, and advanced instrumentation to deliver actionable data.

What Sets Us Apart

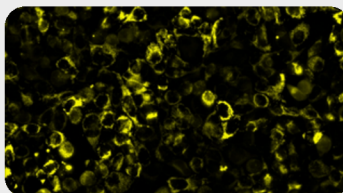
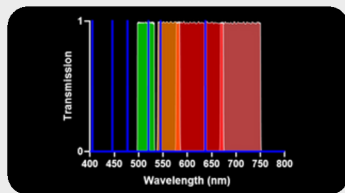
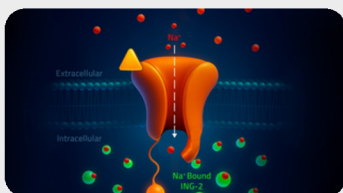
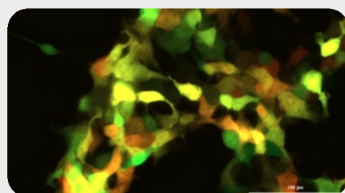
We manufacture fluorescent ion indicators and ready-to-use assays spanning druggable membrane-protein targets.

- Only sodium-selective, Sodium Channel Assays
- Largest collection of Potassium Channel Assays
- Sodium-Dependent SLC Transporter Assay with validated SLC-expressing cell lines.
- HaloTag-compatible indicators enabling organellar ion channel assays
- A wide array of Calcium Indicators spanning the visible spectrum for multiplexing.
- $G_{i/o}$ GPCR assays that measures GPCR-mediated GIRK activation.

TMEM175 Assay Portfolio



What We Can Build For You



- **Cell Lines** — vector design → functionally validated, assay-ready cells
- **Target-Specific Assays** — custom assays using ION tools and expertise
- **Multiplexed Assays** — multiple readouts in a single well
- **Organellar Ion Channel Assays** — via our proprietary HaloTag platform
- **Complex Liquid-Handling Protocols** — washout assays, dual/triple additions

Our HTS Platform

Panoptic — 96–384-well; fluorescence/luminescence; 6 lasers (low-crosstalk multiplexing); dual-excitation (optogenetics); camera up to 100 Hz; complemented by a FLIPR Tetra, Cytation 5 and FlexStation III.



Tell us your target—we'll tailor a solution.

Explore more at: www.ionbiosciences.com

Contact: sales@ionbiosciences.com