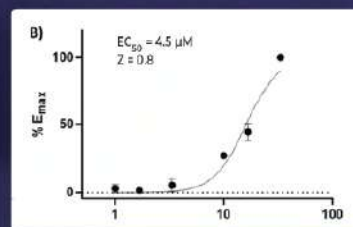
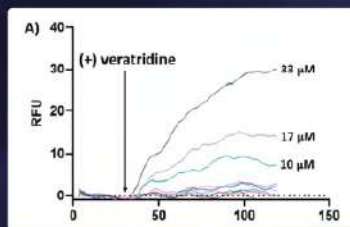


PRODUCT CATALOG



Measuring Na_v1.3 activity using ING-2 in engineered HEK Na_v1.3 cells.

Thallium Products for Potassium and Sodium Channel Assays



Brilliant Thallium Assays

High-throughput, no wash thallium (TI⁺) assay. An optimal solution for measuring flux through potassium (K⁺), sodium (Na⁺), and non-selective cation channels and their effectors including transporters and GPCRs.

Available in 2, 10 and 100 plate kits.

Product code: pIONeer 11000-2 / Flex 11000-10 / Express 11000-100
\$211.00 \$473.00 \$3,597.00



Brilliant Thallium Snapshot

An endpoint-compatible, potassium channel assay that works with fluorescence plate readers, microscopes, high content screening, and flow cytometry.

Available in 2 and 10 plate kits.

Product code: pIONeer 11011-2 / Flex 11011-10
\$211.00 \$473.00



Brilliant Thallium Gold

Brilliant Thallium Gold is a TI⁺ flux assay with red-shifted excitation and emission for measuring activity of potassium channels, sodium channels, more.

Available in 2 and 10 plate kits.

Product code: pIONeer 11020-2 / Flex 11020-10
\$211.00 \$473.00



Brilliant Thallium Gold Snapshot

A thallium flux assay with red-shifted excitation and emission for measuring the activity of potassium channels, sodium channels, and more. Endpoint compatible.

Available in 2 and 10 plate kits.

Product code: pIONeer 11021-2 / Flex 11021-10
\$211.00 \$473.00



Thallos

Best in class, green fluorescent, thallium (TI⁺) indicator, membrane permeable. Works with potassium (K⁺), sodium (Na⁺), and monovalent cation channels and transporters.

Product code: 3 x 50ug: 1381G / 10 x 50ug: 1381F
\$242.00 \$545.00



Thallos Gold

Thallos Gold AM is a gold fluorescent thallium indicator. Discover activators and inhibitors of potassium and sodium channels, transporters, and more.

Product code: 3 x 50ug: 1391G / 10 x 50ug: 1391F
\$242.00 \$545.00

Sodium Products for Sodium Channel Assays



Brilliant Sodium Assays

High-throughput, no wash sodium (Na^+) assay for measuring changes in intracellular Na^+ caused by effectors of Na^+ channels and transporters.

Available in 2, 10 and 100 plate kits.

Product code: Flex 9000-2 / Flex 9000-10 / Express 9000-100
\$228.00 \$478.00 \$3,623.00



ING-2

ION Natrium Green is a yellow-green fluorescent, intracellular sodium (Na^+) indicator with improved cellular loading and significantly higher brightness than SBFI. Its spectral properties and large dynamic range are great for HTS and flow cytometry.

Product code: 3 x 50ug: 2011G / 10 x 50ug: 2011F
\$173.00 \$391.00



SBFI AM

UV-excitable, ratiometric green indicator for intracellular sodium (Na^+) measurements. More selective for Na^+ over K^+ . Optimal for imaging applications where quantification of intracellular Na^+ concentrations is desired.

Product code: 5 x 50ug: 2021B / 20 x 50mg: 2021E
\$166.00 \$414.00

Calcium Products for Calcium and GCPR Assays



Brilliant Calcium Assays

High-throughput, no wash calcium (Ca^{2+}) assay. An optimal solution for measuring intracellular Ca^{2+} dynamics, including effectors such as GPCRs and protein transporters.

Available in 2, 10 and 100 plate kits.

Product code: piONeer 10000-2 / Flex 10000-10 / Express 10000-100
\$182.00 \$399.00 \$3,069.00



Brilliant Calcium Gold

A high-throughput, no-wash calcium flux assay that measures intracellular Ca^{2+} mobilization for drug discovery applications. Built for HTS and microscopy.

Available in 2 and 10 plate kits.

Product code: piONeer 10020-2 / Flex 10020-10
\$193.00 \$432.00



Fluo-4

Fluo-4 is the most popular green fluorescent, calcium (Ca^{2+}) indicator. Proven and trusted for decades to measure intracellular Ca^{2+} flux in high throughput screening and fluorescence microscopy applications.

Product code: 3 x 50ug: 1041G / 10 x 50ug: 1042F
\$68.00 \$147.00



Fluo Gold

Fluo-Gold AM is a gold fluorescent, intracellular calcium indicator that measures intracellular Ca^{2+} flux in high throughput screening and fluorescence microscopy applications.

Product code: 3 x 50ug: 1045G / 10 x 50ug: 1045E
\$88.00 \$198.00



Fura-2

UV-excitable, ratiometric green calcium (Ca^{2+}) indicator, membrane permeable.

Product code: 1mg: 1051B / 20 x 50ug: 1051E
\$110.00



ICR-1

ION Calcium Red - 1 is a red fluorescent (emission 650 nm), calcium indicator for Ca²⁺ mobilization assays in tissue sections or when multiplexing.

Product code: 3 x 50ug: 1091G / 10 x 50ug: 1091F
\$160.00 \$352.00

Potassium Indicators



IPG-1

ION Potassium Green is a yellow-green fluorescent, potassium (K⁺) indicator, membrane permeable. Lower K⁺ affinity than IPG-2 and IPG-4.

Product code: 3 x 50ug: 3041F / 10 x 50ug: 3041F
\$173.00 \$391.00



IPG-2

ION Potassium Green is a yellow-green fluorescent, potassium (K⁺) indicator, membrane permeable. Lower K⁺ affinity than IPG-4 and higher affinity than IPG-1.

Product code: 3 x 50ug: 3011G / 10 x 50ug: 3011F
\$173.00 \$391.00



IPG-4

ION Potassium Green - 4 (IPG-4 AM), a yellow-green fluorescent potassium indicator with high selectivity to detect intra or extracellular changes in K⁺.

Product code: 3 x 50ug: 3021E / 10 x 50ug: 3021F
\$173.00 \$391.00



PBFI

PBFI is the K⁺ analog of the Na⁺ indicator SBFI. Acetoxymethyl ester derivative of the parent compound.

Product code: 5 x 50ug: 3031G / 20 x 50ug: 3031E
\$168.00 \$420.00

Additional Drug Discovery Assays



ION VITAL Viability Kit

Two-color, fluorescence-based assay to discriminate between live and dead cells. Quantify live and dead cells within eukaryotic cell suspensions or adherent cultures, 3D cultures, organoids, and some non-fixed tissues.

Product code: 5000
\$242.00



ION VITAL MitoVolt

Ideal solution for detecting changes in mitochondrial membrane potential due to cell apoptosis or other stress-inducing phenomena. Compatible with fluorescence microscopy, flow cytometry, and plate reader applications.

Product code: 5100
\$308.00



MDR Activity Kit

Multidrug Resistance (MDR) Activity kit is an effective solution for detecting MDR1 and MRP1 activity and compounds susceptible to MDR-mediated efflux. Compatible with fluorescence microscopy, flow cytometry, and fluorescence plate readers using FITC/fluorescein settings.

Product code: 3330
\$303.00