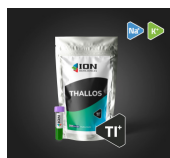


PRODUCT CATALOG



WWW.IONBIOSCIENCES.COM



Thallos

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

Product code: 10 x 50ug: 1381F/ 500ug: 1381C



Brilliant Thallium Express

Tailored to customer's needs, providing only the reagents you need in the amounts you need them. Less waste, higher reproducibility, and more convenience.

Product code: 10000-100



Brilliant Thallium Flex

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

Product code: 10000-10



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



ION VITAL MitoVolt

The 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



ING-2

ION Sodium Green is a yellow-green fluorescent, intracellular sodium (Na^+) indicator with improved cellular loading and significantly higher brightness than SBF1. Its spectral properties and large dynamic are great for HTS and flow cytometry.

Product code: 10 x 50ug: 2013F / 500ug: 2013C



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: 10 x 50ug: 3041F/ 500ug: 3041C



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: 10 x 50ug: 3011F/ 500ug: 3011C

IPG-4 AM



IPG-4

ION Potassium Green is a yellow-green fluorescent, potassium (K^+) indicator, membrane permeable. Higher K^+ affinity than IPG-1 and IPG-2

Product code: 10 x 50ug: 3021F/ 500ug: 3021C

ICR-I



ICR-I

Red fluorescent, calcium (Ca^{2+}) indicator, membrane permeable. Optimal for multiplexing and tissue imaging. Fluorescence lifetime and multiphoton compatible.

Product code: 10 x 50ug: 1091F/ 500ug: 1091C

BRILLIANT CALCIUM Express



Brilliant Calcium Express

Brilliant Calcium (Ca^{2+}) Express is a total assay solution for multi-well plate-based, high-throughput measurements of dynamic changes in intracellular Ca^{2+} .

Product code: 10000-100

BRILLIANT CALCIUM Flex



Brilliant Calcium Flex

Brilliant Calcium (Ca^{2+}) Flex kit provides all necessary reagents in a format to maximize flexibility for your assay design and customization challenges.

Product code: 10000-10

FLUO 2



Fluo-2

Fluo-2 is a green fluorescent, calcium (Ca^{2+}) indicator, membrane permeable. Higher Ca^{2+} affinity than Fluo-4.

Product code: 1mg: 1021B/ 20 x 50ug: 1021E

FLUO 3



Fluo-3

Fluo-3 is a green fluorescent, intracellular calcium (Ca^{2+}) indicator with slightly red-shifted spectral properties compared to Fluo-4.

Product code: 1mg: 1031B/ 20 x 50ug: 1031E

FLUO 4



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: 10 x 50ug: 1042F/ 500ug: 1042C

FURA 2



Fura-2

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

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

BAPTA AM



BAPTA AM

BAPTA AM is a highly selective, intracellular calcium (Ca^{2+}) chelator that is less sensitive to pH fluctuations than EGTA and EDTA.

Product code: 1mg: 4011B / 20 x 50ug: 4011E

CALCEIN AM



Calcein

Green fluorescent, live cell indicator.

Product code: 1mg: 101B/ 20 x 50ug: 1071E

EthD-1



Ethidium Homodimer 1

Ethidium homodimer I (EthD-I) is a membrane-impermeable, high-affinity, nucleic acid stain that selectively labels dead cells.

Product code: 1mg: 8010 / 2 mM in DMSO/H₂O, 0.5 mL: 820