FLOW CYTOMETRY PRODUCT CATALOG

Measuring $Na_V1.3$ activity using ING-2 in engineered HEK $Na_V1.3$ cells.

ION VITAL MitoVolt Kit

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

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

MDR Activity Kit

Multidrug Resistance (MDR) Activity kit is an effective solution for detecting MDR1 and MRP1 activity and compounds susceptible to MDR–mediated eflux. ION's MDR Activity kit is compatible with fluorescence microscopy, flow cytometry, and fluorescence plate readers using FITC/fluorescein settings.

Product code: 3330

Brilliant Sodium Assays

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

Available in 10 and 100 plate kits.

Product code: Flex 9000-10 / Express 9000-100

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: 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

www.stratech.co.uk/ion-biosciences

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