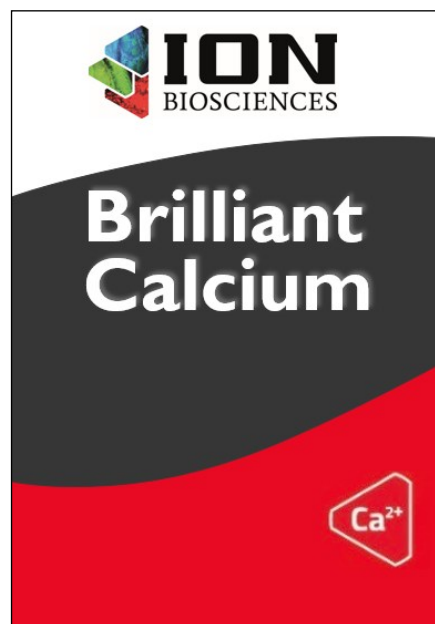


## Brilliant Calcium Assay Kit

Catalog # 10000

A total assay solution for multi-well plate based, high-throughput measurements of dynamic changes in intracellular  $\text{Ca}^{2+}$ . Useful for a wide range of effectors of intracellular  $\text{Ca}^{2+}$  including many GPCRs, divalent cation channels, and other proteins capable of transporting  $\text{Ca}^{2+}$  or affecting intracellular  $\text{Ca}^{2+}$  dynamics.

Available in these sizes:	
10000-2	pIONeer Kit - 2 Plates
10000-10	Flex Kit - 10 Plates
10000-100	Express Kit - 100 Plates



Product Details	
Intended Use	High-throughput, no wash calcium ( $\text{Ca}^{2+}$ ) assay with adherent or non-adherent cells
Compatible Instruments	Fluorescence Microscope, Plate Reader, Flow Cytometer, HTS Instrument
Product Size	Enough reagents for 2, 10, or 100 x 96-well or 384-well plate assays
Storage Temperature	Ships Ambient; Multiple Storage Conditions: -20°C and 4°C
Packaging	Components placed in bags marked with storage temperature, all packed in a mylar pouch

Kit Contents	<i>pIONeer</i> Kit Cat# 10000-2		<i>Flex</i> Kit Cat# 10000-10		<i>Express</i> Kit Cat# 10000-100	
Component	Size	Qty	Size	Qty	Size	Qty
Fluo-4 AM	50 µg Vial	2	50 µg Vial	10	500 µg Vial	10
DMSO	Not Included in pIONeer		225 µL Vial	1	2.25 mL Bottle	1
50X DySolv	800 µL Vial	1	4 mL Bottle	1	40 mL Bottle	1
10X Brilliant Assay Buffer	4 mL Bottle	1	20 mL Bottle	1	200 mL Bottle	1
50X TRS	800 µL Vial	1	4 mL Bottle	1	40 mL Bottle	1
50X Probenecid	800 µL Vial	1	4 mL Bottle	1	40 mL Bottle	1

All supplied components are tested to meet individual product specifications, including validation in a cell assay similar to that described in the No-Wash Method of the Kit Protocol, available on the product webpage. Please review the Kit Protocol for additional information and suitability of the kit with your application. Dye indicators and buffer reagents are all available for individual sale on our website. Express kits are customizable and can be tailored to your specific requirements. Contact sales for more information.