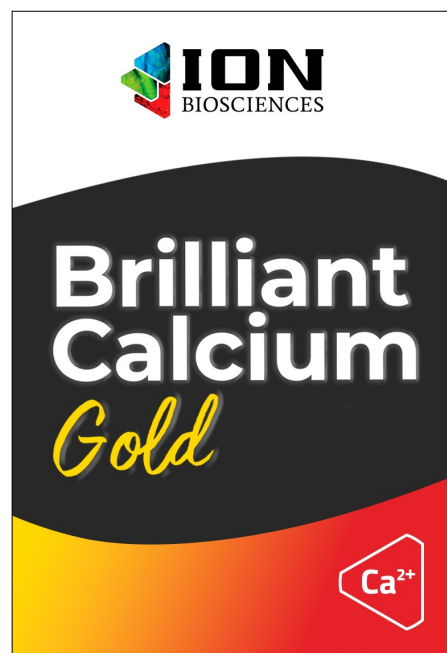


Brilliant Calcium Gold Assay Kit

Catalog # 10020

A total assay solution for multi-well plate based, high-throughput measurements of Ca^{2+} mobilization mediated through a wide variety of plasma membrane and intracellular calcium channels and transporters. The kit includes our Fluo-Gold AM, a red-shifted indicator which enables multiplexing with GFP-expressing cells or other green-fluorescent indicators.

Available in these sizes:	
10020-2	pIONeer Kit - 2 Plates
10020-10	Flex Kit - 10 Plates



Product Details	
Intended Use	High-throughput, no wash calcium (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 or 10 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	pIONeer Kit Cat# 10020-2		Flex Kit Cat# 10020-10	
	Size	Qty	Size	Qty
Fluo-Gold AM	50 µg Vial	2	50 µg Vial	10
DMSO	Not Included in pIONeer		225 µL Vial	1
50X DySolv	800 µL Vial	1	4 mL Bottle	1
10X Brilliant Assay Buffer	4 mL Bottle	1	20 mL Bottle	1
50X TRS	800 µL Vial	1	4 mL Bottle	1
50X Probenecid	800 µL Vial	1	4 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.