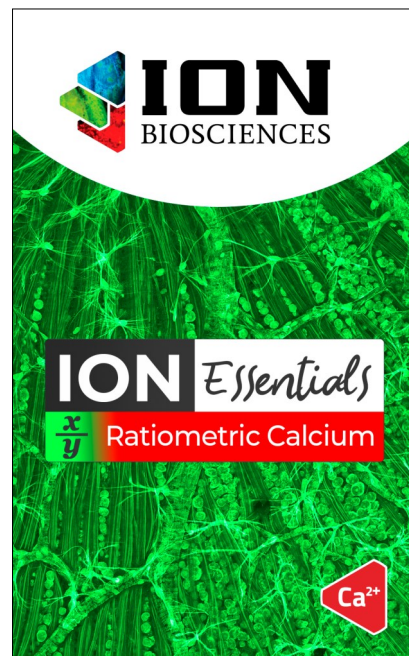


## ION Essentials - Ratiometric Calcium Assay Kit

Catalog # 6000

Combines Fura-2 AM with the necessary reagents for conducting no-wash ratiometric calcium ( $\text{Ca}^{2+}$ ) flux assays that are compatible with plate reader and fluorescence microscopy applications. Individual components are provided to give the user the flexibility needed to customize assays.

Available in these sizes:	
6000-2	pIONeer Kit - 2 Plates
6000-10	Flex Kit - 10 Plates



Product Details	
Intended Use	No wash ratiometric calcium ( $\text{Ca}^{2+}$ ) assay with adherent or non-adherent cells
Compatible Instruments	Fluorescence Microscope, Plate Reader
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	pIONeerKit Cat# 6000-2		Flex Kit Cat# 6000-10	
	Size	Qty	Size	Qty
Fura-2 AM	50 µg Vial	2	50 µg Vial	10
50X TRS	400 µL Vial	1	2 mL Bottle	1
100X Pluronic F-127	200 µL Vial	1	1 mL Bottle	1
1X HHBSS Assay Buffer	20 mL Bottle	1	100 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.