

Brilliant Thallium Snapshot Assay Kit

Catalog # 11011

An endpoint-compatible potassium channel assay adaption of our thallium (Tl^+) flux assay through K^+ , Na^+ , non-selective cation channels, transporters, and their effectors, including GPCRs. Our patent-pending Snapshot assay format generates a long-lasting signal so you can easily detect and quantify changes in ion channel or transporter activity on most fluorescence-capable instruments.

Available in these sizes:

11011-2	pIONeer Kit - 2 Plates
11011-10	Flex Kit - 10 Plates



Product Details	
Intended Use	High-throughput, no wash thallium (Tl^+) assay with adherent or non-adherent cells
Compatible Instruments	Fluorescence Microscope, Plate Reader, Flow Cytometer, HCS Instrument, 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: $-20^{\circ}C$, $4^{\circ}C$, and $20-25^{\circ}C$ (Room Temperature)
Packaging	Components placed in bags marked with storage temperature, all packed in a mylar pouch

Kit Contents	<i>pIONeer</i> Kit Cat# 11011-2		<i>Flex</i> Kit Cat# 11011-10	
	Size	Qty	Size	Qty
Thallos AM	25 μ g Vial	2	25 μ g Vial	10
DMSO	Not Included in pIONeer		225 μ L Vial	1
50X DySolv	800 μ L Vial	1	4 mL Bottle	1
10X Brilliant Thallium Snapshot Assay Buffer	2 mL Bottle	1	10 mL Bottle	1
50X TRS	800 μ L Vial	1	4 mL Bottle	1
50X Probenecid	800 μ L Vial	1	4 mL Bottle	1
50 mM Thallium Sulfate	800 μ L 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.