

Brilliant Thallium Snapshot Gold Assay Kit Catalog # 11021

An endpoint-compatible potassium channel assay adaption of our thallium (TI⁺) flux assay through K⁺, Na⁺, non-selective cation channels, and some Na⁺ or K⁺ transporters. 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. The inclusion of our red-shifted thallium indicator, Thallos Gold AM, makes this kit the ideal option when using GFP-expressing cells to run potassium channel assays.

Available in these sizes:

11021-2	plONeer Kit - 2 Plates
11021-10	Flex Kit - 10 Plates



Product Details	
Intended Use	High-throughput, no wash thallium (TI ⁺) 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°C, 4°C, and 20-25°C (Room Temperature)
Packaging	Components placed in bags marked with storage temperature, all packed in a mylar pouch

Kit Contents	plONeer Kit Cat# 11021-2		Flex Kit Cat# 11021-10	
	Size	Qty	Size	Qty
Thallos Gold AM	25 µg Vial	2	25 µg Vial	10
DMSO	Not Included in plONeer		225 µL Vial	1
50X DySolv	800 µL Vial	1	4 mL Bottle	1
10X Brilliant Thallium Snapshot Assay Buffer	2 mL Bottle	1	10 mL Bottle	1
50X TRS	800 µL Vial	1	4 mL Bottle	1
50X Probenecid	800 µL Vial	1	4 mL Bottle	1
50 mM Thallium Sulfate	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.