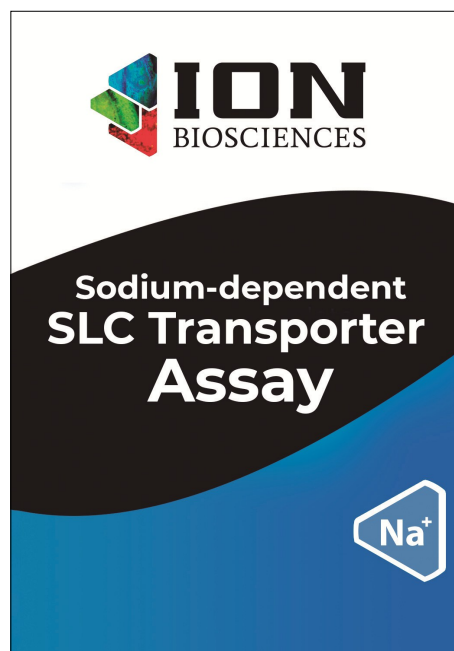


Sodium-Dependent SLC Transporter Assay Kit

Catalog # 8000

A total assay solution for multi-well plate based, high-throughput measurements of SLC transporter activity mediated through sodium (Na^+) influx. Utilizing our ING-2 fluorescent sodium indicator, this kit enables efficient screening of novel compounds and rapid identification of therapeutic candidates targeting SLC transporters, generating EC_{50} and IC_{50} values comparable to electrophysiology.

Available in these sizes:	
8000-10	Flex Kit - 10 Plates



Product Details	
Intended Use	High-throughput, sodium (Na^+) assay with SLC-expressing cells
Compatible Instruments	Plate Reader, HTS Instrument
Product Size	Enough reagents for 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	Flex Kit Cat# 8000-10	
	Name	Qty
	ING-2 AM	10
	DMSO	1
	50X DySolv	1
	10X SLC Sodium Assay Buffer	1
	50X TRS	1
	50X Probenecid Solution	1
	10X SLC Sodium Stimulus Buffer	1

All supplied components are tested to meet individual product specifications. 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.