

## Multidrug Resistance Activity Kit

Catalog # 3330

Our Multidrug Resistance (MDR) Activity kit is an effective solution for detecting MDR1 and MRP1 activity and compounds susceptible to MDR mediated efflux. In addition to identifying MDR substrates and inhibitors, this kit can also be used to evaluate activity of MDR transporters in cells.

*Available in these sizes:*

3330-10	MDR Activity Kit - 10 Plates
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Product Details	
Intended Use	Detecting MDR1 and MRP1 activity and compounds susceptible to MDR mediated efflux
Compatible Instruments	Fluorescence Microscope, Plate Reader, Flow Cytometer
Product Size	Enough reagents for 10 x 96-well or 384-well plate assays or 80 flow cytometry assays
Storage Temperature	Ships frozen; 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	MDR Activity Kit Cat# 3330-10	
Component	Size	Qty
1000X Cyclosporine A in Ethanol	50 µL Vial	1
Calcein AM 4 mM in DMSO	50 µL Vial	2
1X HHBSS Assay Buffer	100 mL Bottle	1
50X TRS	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.