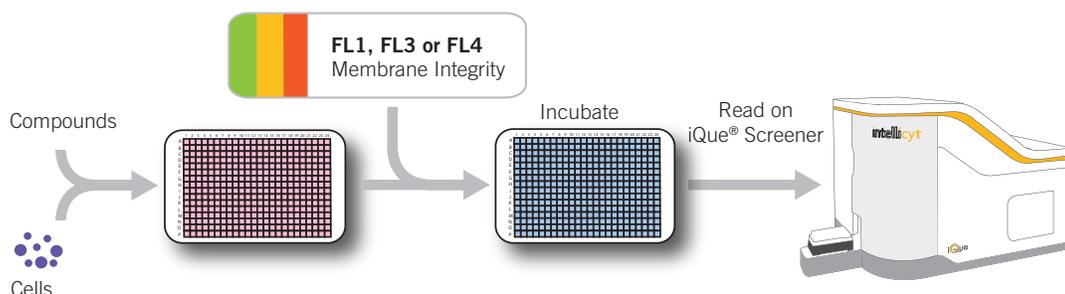


No-wash cell viability screening

The MultiCyt® Cell Membrane Integrity Dye Panel is comprised of three spectrally distinct, proprietary dyes. Healthy cells with intact cell membranes will exclude the dyes. Unhealthy cells with compromised membranes will allow entry of the dye into the intracellular space. Intracellular binding is then

detected and quantified. They can be multiplexed with other MultiCyt cell health dyes to simultaneously monitor apoptosis endpoints. Multiplexing is also possible with MultiCyt QBeads™ to simultaneously monitor membrane integrity and secreted proteins. See the compatibility chart below.



The assay workflow for the Cell Membrane Integrity dyes on IntelliCyt screening systems. Cells are treated with samples according to your protocol. MultiCyt Cell Membrane Integrity Dye is then added and incubated for 15–60 minutes. After the compound treatment and incubation is complete, samples can be directly analyzed without additional wash steps in 25 minutes for a 384-well plate.

MultiCyt Reagents Compatibility			
Proliferation (FL1)		✓	✓
Proliferation (FL4)	✓	✓	
Caspase (FL1)		✓	✓
Annexin (FL2)	✓	✓	✓
Mitochondrial Depolarization (FL4)	✓	✓	
Cell Cycle (FL3, FL4)	✓		
QBeads (FL2, FL3, FL4)	✓	✓	✓

Ordering Information

90342	MultiCyt FL1 Cell Membrane Integrity Dye – 5 x 384 wells
90346	MultiCyt FL3 Cell Membrane Integrity Dye – 5 x 384 wells
90350	MultiCyt FL4 Cell Membrane Integrity Dye – 5 x 384 wells

Check our website for other configurations.

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+1•505•345•9075 • www.intellicyt.com

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