

신약개발 R&D Kits

Optimized assay kits for life science research and drug discovery

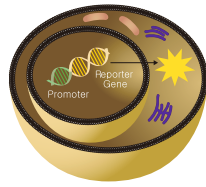


Life science kits, configured and optimized for Molecular Devices microplate readers with preconfigured protocols provided in SoftMax® Pro Software.



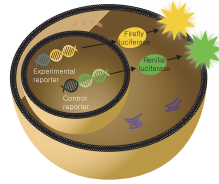
SpectraMax Quant dsDNA Assay Kits

The SpectraMax® Quant™ dsDNA Assay Kits are designed for fluorescence-based dsDNA quantitation across a broad range of concentrations.



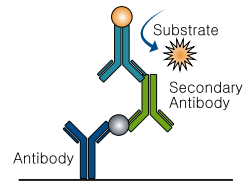
SpectraMax Glo Steady-Luc Reporter Assay Kit

The SpectraMax® Glo Steady-Luc™ Reporter Assay Kit provides a highly sensitive assay for the quantitation of firefly luciferase expression in mammalian cells.



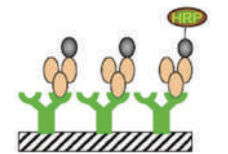
SpectraMax DuoLuc Reporter Assay Kit

The SpectraMax® DuoLuc™ Reporter Assay Kit enables highly sensitive quantitation of both firefly and Renilla luciferases in mammalian cells.



CatchPoint SimpleStep ELISA kits

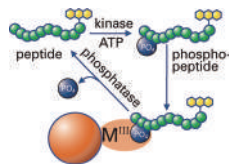
The CatchPoint® SimpleStep ELISA® kits developed in collaboration with Abcam, use fluorescent substrate to provide improved linearity over an extended dynamic range when compared to TMB substrate, the most widely used colorimetric substrate for ELISA.



Increasing cAMP - decreasing HRP activity

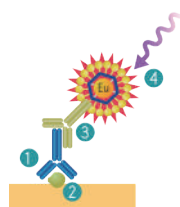
CatchPoint cAMP and cGMP Fluorescent Assay Kits

The CatchPoint® cAMP and cGMP Fluorescent Assay Kits' high-affinity reagents are optimized for sensitivity and precision in applications where cAMP and cGMP levels are low. A single wash step removes unbound material prior to the development step, so the assays are very resistant to interference from colored or fluorescent test compounds.



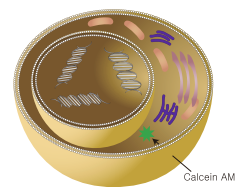
IMAP Kinase, Phosphatase, and Phosphodiesterase Assays

IMAP® technology provides a homogeneous assay for the assessment of kinase, phosphatase, and phosphodiesterase (PDE) activity. The assay is a simple "mix-and-read" procedure utilizing free phosphate-binding nanoparticles directly reporting converted product, not enzyme reaction components or by-products.



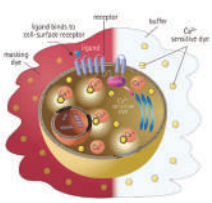
ScanLater Western Blot Assay Kit

The ScanLater™ Western Blot Assay Kit enables the first western blot detection capability in a microplate reader. Utilizing this substrate-free assay, you can achieve equivalent sensitivity to traditional chemiluminescence and fluorescence-based assays, while consolidating western blot and ELISA applications onto a single reader.



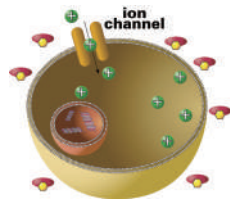
EarlyTox Cell Viability Assay Kits

These assay kits are a family of fluorescence-based reagents for the assessment of cell viability, cell proliferation, and various apoptosis events using mammalian cells. These assay kits employ a no-wash, homogeneous assay protocol that enables characterization of a full concentration-response profile of test compounds.



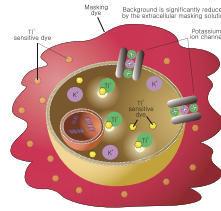
FLIPR Calcium Assay Kits

Built as the most comprehensive calcium portfolio, the FLIPR® Calcium 6 Assay Kits measure changes in intracellular calcium during drug discovery and research. They deliver pre-optimized, homogeneous, fluorescence-based formulations to expedite assay development and screening of GPCR and ion channel targets.



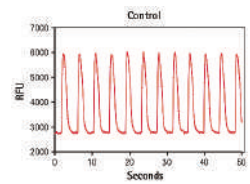
FLIPR Membrane Potential Assay Kit

The FLIPR® Membrane Potential Assay Kit delivers homogenous fluorescence-based formulations for observation of real-time membrane potential changes associated with ion channel activation and ion transporter proteins.



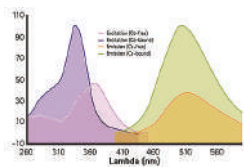
FLIPR Potassium Assay Kit

The FLIPR® Potassium Assay Kit measures functional activity of ligand- and voltage-gated potassium channels. The homogeneous, no-wash assay protocol provides a large signal window and high Z' values.



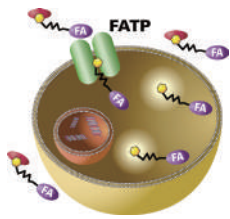
EarlyTox Cardiotoxicity Kit

The EarlyTox™ Cardiotoxicity Kit provides a fast, simple, and reliable fluorescence-based method for identifying cardiotoxic compounds in a biorelevant assay. Using cultured cardiomyocytes and a kinetic plate reader, you can prioritize leads and direct medicinal chemistry efforts sooner, improving productivity and reducing costs associated with extensive safety testing downstream.



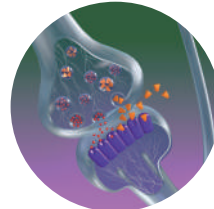
Fura-2 QBT Calcium Kit

The Fura-2 QBT™ Calcium Kit is a simple, mix-and-read format that employs our proprietary masking technology with the industry-standard Fura-2 ratiometric calcium indicator. Streamline your current Fura-2 assay or utilize this no-wash reagent for calcium concentration determination or use with GFP-tagged proteins.



QBT Fatty Acid Uptake Assay Kit

The QBT™ Fatty Acid Uptake Assay is a homogeneous assay amenable to high-throughput screening. The kits deliver pre-optimized, fluorescence-based formulations to expedite assay development and screening of fatty acid transporters.



Neurotransmitter Transporter Uptake Assay Kit

The ability to monitor serotonin, norepinephrine, and dopamine neurotransmitter uptake is key to a better understanding of diseases such as Alzheimer's and Parkinson's. With the Neurotransmitter Transporter Uptake Assay Kit, you now have a tool to study these three key neurotransmitters with a live-cell, fluorescent, plate reader-based assay.



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