# Molecular Devices

# Fluorescence Intensity Dual-Label (Multi-ToxFluor)

## SpectraMax Detection Cartridge

Fluorescence Intensity Dual-Label (FI-DL) (MultiTox-Fluor) SpectraMax® Detection Cartridges for SpectraMax® Paradigm® Systems are perfect for efficient multiplexing of assays utilizing two high-powered LEDs to provide fast, sensitive, simultaneous reads of two distinct labels.

## Description

| | |
|---|---|
| Compatible systems | SpectraMax Paradigm Reader |
| Part number | 0200-7007 |
| Mounting | Top read or bottom read |
| Cartridge size | 1 Position |
| Light source | 2 High-powered LEDs |
| Excitation range | EX1 406/15 nm |
| | EX2 504/12 nm |
| Emission range | EM1 465/35 nm |
| | EM2 542/27 nm |

† Bottom mounting for SpectraMax Paradigm Readers only.

Designed to provide optimal performance when used with Promega's MultiTox-Fluor reagents. Reads both labels simultaneously. For more information and typical applications refer to www.promega.com.
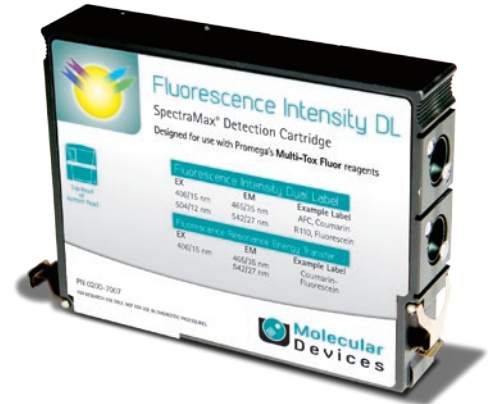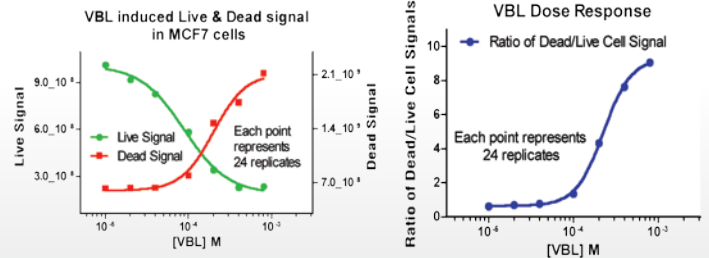
Fully enabled protocols reduce setup time



### Principles of technology



Source: http://www.promega.com/tbs/tb348/tb348.pdf
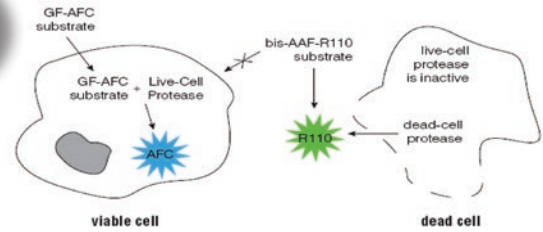
### Vinblastine dose responses in MCF7 cells



MultiTox-Fluor Multiplex Cytotoxicity Assay for the Breast Cancer Cell line, MCF7, using the BioRAPTR FRD Microfluidic Workstation and SpectraMax Paradigm Multi-Mode Detection Platform.

## Key applications

The Fluorescence Intensity Dual-Label Detection Cartridge provides optimal performance for key applications for Drug Discovery, Cancer Research, ADME-Tox studies and others.