



PerkinElmer Launches New MicroBeta2 Microplate Counter Platform

WALTHAM, Mass., Jan 14, 2009 (BUSINESS WIRE) --PerkinElmer, Inc., a global leader focused on the health and safety of people and the environment, today announced the launch of its MicroBeta² microplate counter platform, for enabling improved radiometric and luminescent detection in drug discovery and basic life science research.

The MicroBeta² and MicroBeta² LumiJET systems are the latest versions of PerkinElmer's MicroBeta[®] line and add new and improved capabilities for researchers engaged in all major radiometric and luminescence applications. The MicroBeta² platform is designed for robust performance with both radiometric and glow luminescent assays.

Sensitive detection is achieved through coincidence counting, for high efficiency and extremely low background for a wide variety of radionuclides. By combining liquid scintillation counter reliability with plate reader simplicity, the system allows significant savings in time and consumables, while reducing waste.

"The newest version of the MicroBeta² system further provides researchers with an entry path to the benefits of luminescent-based technologies in addressing many potential drug targets," said Richard M. Eglon, Ph.D., president, Bio-discovery, PerkinElmer. "Leveraging PerkinElmer's long leadership in radiometric detection solutions, the MicroBeta² platform further represents a flexible system for either radiometric detection, or luminescent drug discovery assays."

The MicroBeta² LumiJET Microplate Counter provides the assay development and profiling capabilities that pharma, biotech and academic customers require for luminescent assay platforms. The MicroBeta² LumiJET system uses well-validated PerkinElmer technology to enable best-in-class measurement of flash and glow luminescent technologies including Aequorin/Ca²⁺ (PerkinElmer's AequoScreen[®] and PhotoScreen[®] technology, respectively) measurement and dual label reporter gene assays, as well as classical GPCR filtration assays and scintillation proximity assays.

Key features of the MicroBeta² Liquid Scintillation Counting (LSC) and Luminescence readers include:

- Improved flexibility and throughput with a choice of multiple detectors (1, 2, 6 or 12) with two reagent dispensing heads per detector for more efficient assay development with flash luminescence technology such as Aequorin.
- True coincidence detection for liquid scintillation counting of all common radiolabels in a variety of formats including liquids, filter and solid phase samples.
- New top-read mode for Time-resolved Liquid Scintillation Counting (TR-LSC) counting delivers improved detection with numerous microplate lines -including FlashPlates[®], Unifilter[®] Plates and LumaPlates[™]
- Improved user interface, factory preset protocols and live kinetic display

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About PerkinElmer, Inc.

PerkinElmer, Inc. is a global leader focused on improving the health and safety of people and their environment. The Company reported revenue of \$1.8 billion in 2007, has approximately 9,100 employees serving customers in more than 150 countries, and is a component of the S&P 500 Index. Additional information is available through www.perkinelmer.com or 1-877-PKI-NYSE.

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PerkinElmer, Inc.
Mario R. Fante
781-663-5602
mario.fante@perkinelmer.com

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