BioSpectrum
the business of Bi
24 years of leveraging the business of Bio
www.biospectrumindia.co

PerkinElmer introduces EnVison Nexus Multimode Plate Reader

24 February 2023 | News

To drive improved research and discovery workflows



PerkinElmer, Inc., has launched the EnVision Nexus system, its fastest and most sensitive multimode plate reader to date, designed for demanding high-throughput screening (HTS) applications and to accelerate drug discovery efforts.

The EnVision Nexus platform, with complementary microplates and optimised reagents from PerkinElmer's drug discovery reagents portfolio, including proprietary HTRF and AlphaLISA technologies and latest reagent kits, provides researchers increased assay flexibility.

The EnVision Nexus system features high-throughput, exceptionally fast dual detectors, enabling researchers to screen millions of samples with the increased accuracy, speed and sensitivity. For walkaway convenience, the system can be equipped with a plate stacker for 20 or 50 plates or can also be fully automated and integrated for 24/7 workflow-driven automation.

The solution's design draws on the company's experience and success with its leading EnVision system, a workhorse in laboratories around the world for more than 20 years. Easy to setup, use and maintain, the new EnVision Nexus platform works across major detection technologies, including fluorescence intensity, fluorescence polarisation, absorbance, luminescence and time-resolved fluorescence (TRF). This means a wide range of assays can be performed for different applications all with one instrument.