



Revvity Launches Innovative Reagent Technology to Accelerate Development of Next-Generation Targeted Therapeutics

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Innovative plate-based internalization reagents designed to deliver accurate, high-throughput, and scalable insights for GPCR and ADC research

WALTHAM, Mass.--(BUSINESS WIRE)-- **Revvity, Inc.** (NYSE: RVTY), today announced the launch of **pHSense™** reagents, a powerful technology designed to advance internalization studies in drug discovery. pHSense reagents are designed for high-throughput, plate-based workflows and intended for researchers studying G protein-coupled receptors (GPCRs) or antibody-drug conjugates (ADCs). They offer a scalable, accurate, and easy-to-implement solution for monitoring antibody, ADC, or receptor internalization.

Developed for use with standard plate readers, pHSense reagents combine a pH-sensitive dye and a time-resolved fluorescence (TRF) readout to allow for the delivery of **robust kinetics of internalization and high signal-to-background**—even at low endogenous receptor expression levels. Fully compatible with Revvity's multimode detection platforms, pHSense reagents have the potential to significantly enhance detection capability while simplifying integration into existing drug discovery workflows. By enabling more efficient screening and characterization of promising therapeutic candidates, pHSense reagents can help researchers accelerate preclinical development timelines, potentially reducing overall development costs and contributing to more efficient advancement of candidates toward clinical evaluation.

"pHSense reagents fill a critical gap in internalization assay technologies, directed towards enabling researchers to gain faster, more reliable insights using more physiologically relevant conditions," said Craig Monell, senior vice president, reagents at Revvity. "With this launch, Revvity reinforces its commitment to advancing drug discovery through innovative tools that are focused on improving data quality, throughput, and reproducibility."

With a growing focus on receptor trafficking in drug development and increasing demand for accurate, high-throughput tools, pHSense reagents offer support for emerging trends in oncology and precision medicine, particularly in ADC development. The innovative design focused on addressing major limitations of current offerings such as low throughput and suboptimal signal-to-noise ratios.

For details on Revvity's wide-ranging portfolio of reagents – including immunoassays, gene editing and modulation tools, primary and secondary antibodies, and molecular biology solutions – visit www.revvity.com/reagents

About Revvity

At Revvity, “impossible” is inspiration, and “can’t be done” is a call to action. Revvity provides health science solutions, technologies, expertise, and services that deliver complete workflows from discovery to development, and diagnosis to cure. Revvity is revolutionizing what’s possible in healthcare, with specialized focus areas in translational multi-omics technologies, biomarker identification, imaging, prediction, screening, detection and diagnosis, informatics and more.

With 2024 revenue of more than \$2.7 billion and approximately 11,000 employees, Revvity serves customers across pharmaceutical and biotech, diagnostic labs, academia and governments. It is part of the S&P 500 index and has customers in more than 160 countries.

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