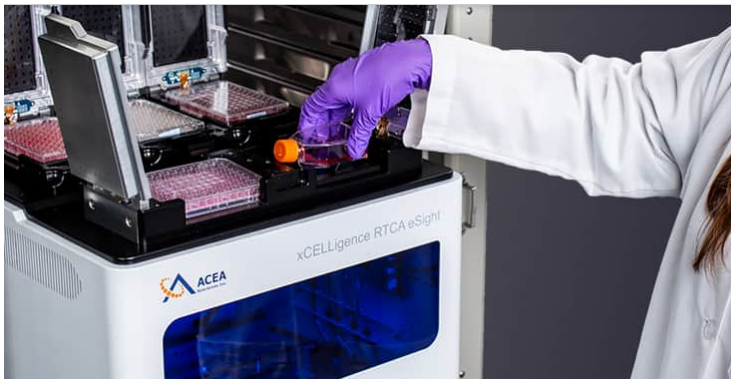
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Agilent introduces revolutionary real-time cell analyzer

16 August 2019 | News

Multiplex assay combines non-invasive biosensor measurement with live cell imaging



Agilent Technologies Inc. has introduced a multimode real-time cell analyzer (RTCA)—the first of its kind—combining the best of non-invasive biosensor measurement with live cell imaging.

The new instrument builds on the success of the xCELLigence biosensor technology, which Agilent obtained through its acquisition of ACEA Biosciences late last year.

The system offers several key advantages:

- Provides label-free, real-time biosensor measurements, and kinetic imaging of the same live cell populations, independently, or simultaneously.
- Monitors cell health, adhesion, morphology, proliferation, and cytolysis in primary or native cells alone or in co-culture providing unprecedented insight into cellular mechanisms and functionality.
- Supports three fluorescence channels, a plethora of well-plate formats, an array of reporter reagents, and flexible user-defined schedules.
- Reads a 96-well plate in 15 seconds.

The addition of the xCELLigence eSight real-time cell analyzer demonstrates Agilent’s commitment to continuing to provide trusted solutions for life science laboratories around the world.

This product is for research use only. Not for use in diagnostic procedures.