

Celsis RapiScreen™ for the CellScan™ Innovate

As a rapid absence/presence assay, RapiScreen provides the critical information you need to respond immediately to the occasional lot that carries bioburden while quickly and efficiently releasing the majority of your production run. You get the fastest release time for the vast majority of your goods, and can manage any exceptions more cost-efficiently and with less waste. That's good for your department, good for your facility and good for the planet.

The world's leading solution for getting packaged dairy, food and beverage products to market faster.

A rapid microbial test for aseptic or shelf-stable processed goods, RapiScreen will quickly screen for the absence or presence of bioburden, allowing you to release products in as little as 24–48 hours.

RapiScreen utilizes adenosine triphosphate (ATP) bioluminescence, the industry standard for the rapid microbial screening of ultra-heat treated (UHT) and extended shelf life (ESL) products in the dairy, food and beverage industry. The standard ATP bioluminescence assay uses the enzyme luciferase to catalyze the consumption of microbial ATP, which produces light.



RapiScreen precedes the standard bioluminescence assay with a sample treatment step using proprietary reagents. This treatment prepares the sample for screening by reducing non-microbial sources of ATP to ensure sensitive and reproducible results. Manufactured by Celsis to ISO-certified standards, our long-life reagents are stable up to 5 days on the instrument for consistent and dependable product screening.

With millions of assays run in over 50 countries, Celsis is proven technology, effective on the widest range of product types—including highly pigmented, opaque, high or low pH, viscous, pulpy, non-filterable and solid materials. Protect your brand and your bottom line while saving time, reducing lab waste and ensuring product safety with Celsis Rapid Detection systems.

Smart science for smart business

Celsis Rapid Detection System Featuring RapiScreen



RapiScreen Dairy kits include:

ATX - lyophilized ATP depletion enzyme
CellSolver - microbial extractant
Sensilux - lyophilized luciferase enzyme

RapiScreen Food & Beverage kits include:

Celsis LuminASE™ - lyophilized ATP depletion enzyme
Celsis LuminEX™ - microbial extractant
Celsis LuminATE™ - lyophilized luciferase enzyme

RapiScreen kits also include:

Reconstitution buffers
Washing solution
Reagent vials
96-well microtiter plates



Celsis CellScan Innovate

Part number 220050
Voltage 110 or 240V
Hertz 50 or 60Hz

Instrument dimensions

(w) 13" x (h) 10.6" x (d) 16.9"
(w) 33cm x (h) 27cm x (d) 43cm
Weight - 37.5lbs / 17kg

Software Languages

English, French, German, Italian, Portuguese and Spanish

RapiScreen™ Reagents

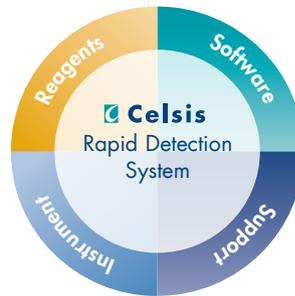
- Validated on a wide variety of raw materials, in-process formulations and finished goods, including UHT aseptic and ESL packaged products
- Convenient, single enrichment for detection of an extensive range of bacteria and yeast
- Proprietary reagent kits formulated to match different sample requirements
- Reagents manufactured by Celsis in our ISO-certified facilities

Celsis CellScan™ Luminometer Instrument

- High system throughput and offline incubation
- Small footprint conserves valuable counter space
- Multi-tasking automation enables assay preparation while the system is in use
- Simultaneously tests multiple samples on a single microtiter plate
- On-board reagent temperature control and reagents formulated for extended stability enable the reagents to be used on the system for up to 5 days
- 3-hour monthly maintenance protocol
- Instrument cooling unit ensures consistent, reliable results by reducing heat buildup in instruments that run 24/7
- Robotic auto-sampling increases testing throughput in high-speed, high-volume operations

Innovate.im Software

- User-friendly system includes on-screen support and a color-coded graphical interface
- Automated data capture and storage from the Innovate luminometer
- Robust system administrator capabilities with customizable security settings
- Secure, remote access to your Celsis systems and test results from a central or remote location
- Integrated database lets users store, sort and query results data; export to common applications including Excel and Access



- Multi-user database simplifies reporting from multiple Celsis instruments
- Statistics functions allow users to set dynamic thresholds
- Validated on Microsoft® Windows® operating systems
- Compatible with 21 CFR Part 11 Requirements

Service & Support

- Unparalleled global technical, scientific and product support
- Complementary 3-day on-site Installation and Operation Qualification (IQ/OQ), training and initiation of validation activity
- Convenient Celsis in-house labs for application development and validation support
- Optional validation services through our FDA registered CGMP Analytical Services laboratories
- Global team of experienced Customer Service and Technical Support Representatives

For more information about Celsis Rapid Detection, visit celsis.com/rapid, call +1 312 476 1282 or email RDinfo@celsis.com.

Celsis | Rapid Detection

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ISO 9001-2008
certified

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