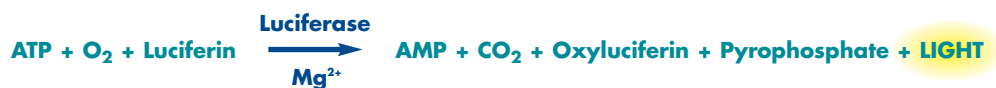




RapiScreen™ Dairy

Celsius RapiScreen Dairy is the industry standard for rapid screening of microbial contamination in UHT/ESL dairy and related products

Adenosine Triphosphate (ATP) bioluminescence is the standard for the rapid microbial screening of Ultra Heat Treated (UHT) and Extended Shelf Life (ESL) dairy and related products. It is applicable to a wide range of sample types and can detect the presence of microbial contamination within 24 - 48 hours. The standard ATP bioluminescence assay uses the enzyme luciferase to catalyze the consumption of microbial ATP which produces light.



RapiScreen Dairy precedes the standard bioluminescence assay with a sample treatment step. The use of a proprietary reagent treatment prepares the sample for screening by reducing non-microbial sources of ATP facilitating sensitive and reproducible results. RapiScreen Dairy is used as a rapid microbial screen for finished goods. A rapid screen of these products quickly identifies the few that carry bioburden allowing for rapid and efficient release of the majority of production.

Improving quality, reducing risk



RapiScreen™ Dairy

Celsis ATP bioluminescence technology is the most widely adopted rapid method in the dairy industry. Using proprietary innovations in enzyme technology, RapiScreen delivers results on a wide range of products in 24 - 48 hours; reliably and consistently.

- Validated on a wide range of UHT/ESL dairy products including:
 - Milk
 - Flavored milks
 - Half and half
 - Heavy cream
 - Shakes
 - Non-dairy creamers
 - Ice cream mixes
 - Rice drinks
 - Soy drinks
 - Nutritional supplements
- Utilizes Celsis proprietary enhanced extractant technique
- Non-destructive test that allows for further testing
- Validated on a wide range of microorganisms
- Protocol options to match testing requirements
- Reconstituted reagents stable for 5 days on the instrument
- All reagents manufactured by Celsis according to ISO 9001 standards



RapiScreen Dairy

Order number	1251050	1251010
Assays per kit	5000	1000
Configuration	25x200 assays	10x100 assays

RapiScreen Dairy kits

include these reagents

- Sensilux - lyophilized luciferase enzyme
- CellSolver - microbial extractant
- ATX - ATP hydrolyzing enzyme
- Reagent Buffers
- Microwash
- Reagent Vials
- 96 Well Microplates

Celsis CellScan™ Innovate

Celsis CellScan Innovate and Innovate.im software were developed specifically to meet the needs of the dairy industry.

- Automated microplate loading for ease of use
- On-board reagent temperature control and reagents formulated for extended stability enables the reagents to be used on the system for up to 5 days
- Built-in shaking capability increases reagent effectiveness
- Upgradeable firmware allows you to grow with the system without investing in new equipment
- Operates using Innovate.im Software
 - Multi-tasking capability enables users to prepare assays while the system is operating
 - Integrated database lets users store, sort and query results data
 - Allows multiple product sample testing on the same microplate
 - Robust system administrator capabilities
 - Integrated help functionality provides on-screen support
- Modular design provides for easy maintenance



Celsis CellScan Innovate

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

Instrument dimensions

(w) 33cm X (h) 27cm X (d) 43cm
Weight - 17kg

Celsis | Rapid Detection

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