

3M Food Safety

3M™ Microbial Luminescence System (MLS II)



Powerful
Technology
Reducing Time
to Results



Powerful Technology — Easy Testing Format

The 3M™ Microbial Luminescence System II (MLS II) is designed for rapid positive release of Ultra High Temperature (UHT) processed dairy and dairy related products. It is able to detect the presence of microbial contamination in finished products. This system offers you:

- Brand protection
- Cost reduction through better productivity
- Reduced inventory hold times
- Reliable test results for better quality decisions



1

Pipette 50µl of sample into each well

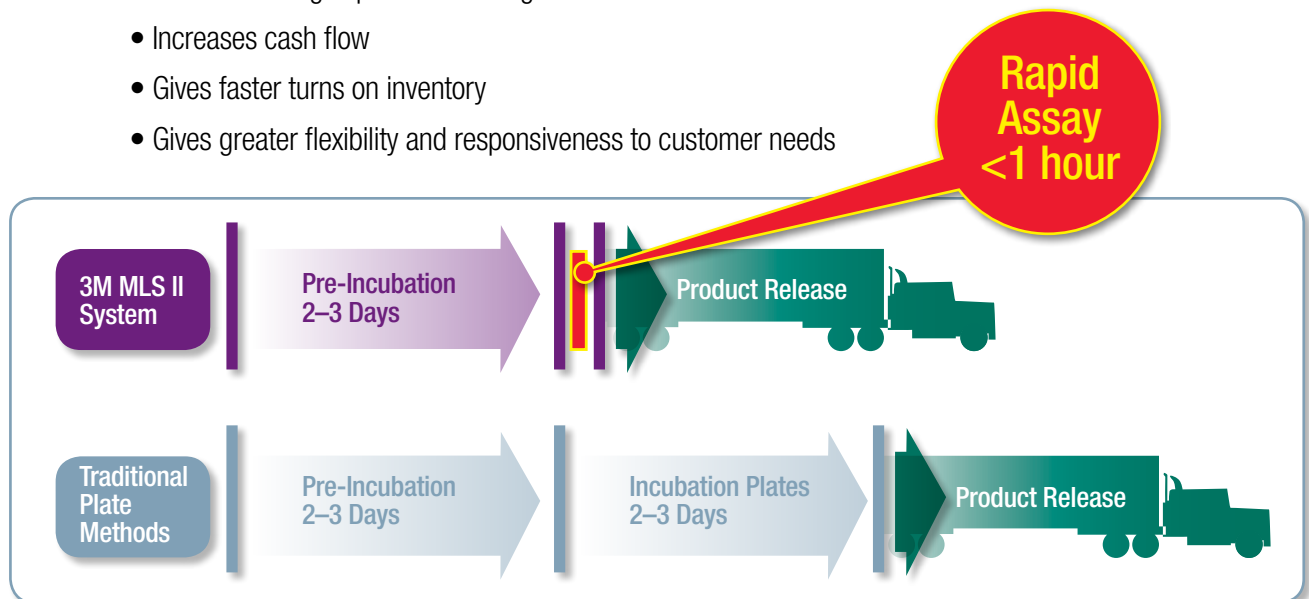
Why Use the 3M™ MLS II System for Your Screening?

SPEED = \$\$\$

The 3M™ MLS II System utilizes ATP bioluminescence technology. Because ATP is present in all living cells, it can be used as a marker for biological contamination. With traditional methods, not only do you have to pre-incubate your milk containers, you also have to wait for the microbes to grow on the plate 2–3 days...sometimes longer. With the 3M MLS II System, the second incubation period can be eliminated.

Cutting down the time to release product:

- Reduces storage space and storage cost
- Increases cash flow
- Gives faster turns on inventory
- Gives greater flexibility and responsiveness to customer needs

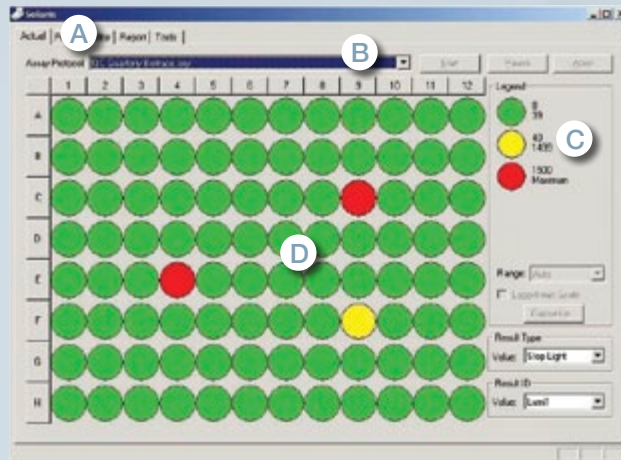




2

Place micro-plate in the 3M MLS II and select "UHT Assay"

Pass/Fail Real-time Results!



Different functional screens separated into "Tabs" (A)

- Drop down assay list (B)
- Wash Assay
 - Prime Assay
 - Reagent Control Assay
 - UHT Assay

Current pass, caution and fail levels that have been set for the plate (C)

Result Status (D)

- Pass
- Caution
- Fail

Rapid and Reliable Screening — Real Time Results

Increasing laboratory efficiency through automated technology

- Data tracking and management software allows you to make better quality decisions
- Result capture retention and analysis is easier with 3M™ MLS II software and allows for immediate retesting

Quality Technical Support & Training Unmatched Levels



- Hardware engineered for reliability, reducing product downtime
- 3M brand is trusted and respected globally for providing service, support, technical expertise and credibility
- Global reach and local presence
- ISO certified manufacturing
- Ability to provide standardized products and service globally

Order Information



3M™ Microbial Luminescence System II (MLS II)

| Catalog No. | Description | Case Qty. |
|-------------|---|-----------|
| 3900 | 3M™ Microbial Luminescence System II (MLS II) USB | 1 |
| 3012 | 3M™ Microbial Luminescence System (MLS) Service Contract for 1 piece of Hardware | 1 |
| 3013 | 3M™ Microbial Luminescence System (MLS) Service Contract for 2 pieces of Hardware | 1 |
| 3000DPQCOG | 3M™ Microbial Luminescence System (MLS) Ultra High Temperature (UHT) Dairy Screen Kit | 3,000 |
| 3004 | 3M™ Microbial Luminescence System (MLS) ATP Reagent Control Kit, 22.5ng/vial | 50 |
| ATP10MLS | 3M™ Microbial Luminescence System (MLS) Reagent Control Kit | 10 |
| 3005 | 3M™ Microbial Luminescence System (MLS) Injector Cleaning Kit, 10 ATP Free Water, 2 Clean Solutions | 1 |
| BMLSCK | 3M™ Microbial Luminescence System (MLS) Weekly Cleaning Kit | 3 |
| 3006 | 3M™ Microbial Luminescence System (MLS) Maintenance Solution | 1 |
| 3007 | 3M™ Microbial Luminescence System (MLS) Microwell Plate | 50 |
| 3008 | 3M™ Microbial Luminescence System (MLS) Microwell Strip | 320 |
| 3009 | 3M™ Microbial Luminescence System (MLS) Microwell Strip Holder | 1 |

Specifications

| | |
|------------|-------------------|
| Weight | 24 lbs. |
| Dimensions | 15"D x 8"W x 12"H |

For more information, please contact your local 3M Sales Representative or visit 3M.com/foodsafety



Food Safety

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