



Smart companies know the benefits of using Celsis.

Shorten production time and release safe products to market faster with the only rapid detection system that pays for itself in 6–9 months.

With over 800 installations in 65 countries around the world, Celsis is the leader in rapid methods throughout the Home and Beauty Industries. Celsis rapid detection systems deliver results in just 18–24 hours, enabling you to rapidly confirm the quality of your products and quickly release to market.

Implementing Celsis eliminates days from your inventory requirements and production cycle times, reduces warehousing and working-capital requirements and improves your company's overall profitability. Celsis customers also benefit from improved market responsiveness, and earlier notice of contamination with a faster recovery time.

It's no wonder that Celsis is the partner of choice for the world's largest and most successful Home and Beauty companies for the past 20 years.

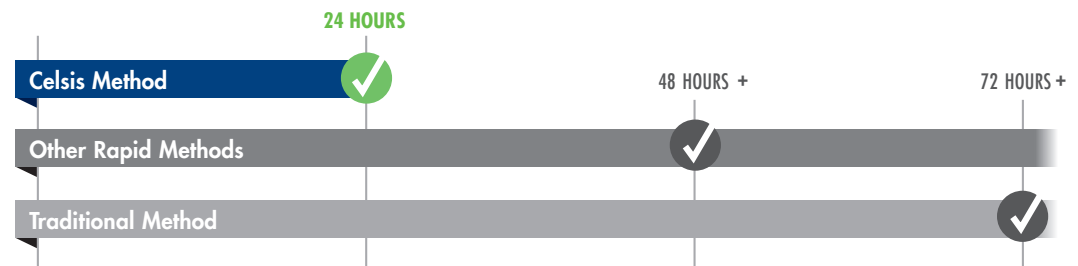
Smart science for smart business™



Faster Time to Market

If your company uses traditional or another rapid method to test and release products, you may be paying a very high price for quality. A Celsis system can provide accurate results in 18–24 hours, cutting days from your production cycle and helping to significantly reduce costs—without sacrificing quality.

Microbial Testing Time To Results: Bacteria, Yeast & Mould



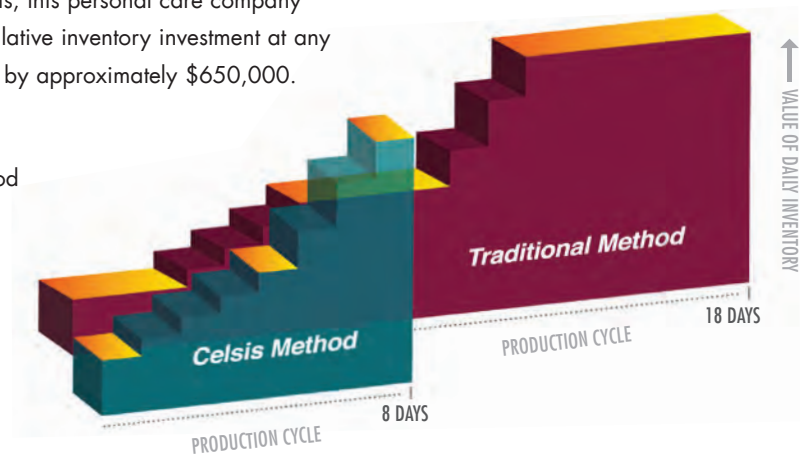
Removing days from your manufacturing cycle will significantly impact your company's bottom line, potentially saving millions through:

- Shortened production cycles
- Decreased working capital requirements
- Reduced lab waste to improve sustainability
- Faster response to contamination events
- Reduced inventory requirements
- Reduced safety stock

A Leaner Method Yields Significant Savings

By implementing Celsis, this personal care company reduced its total cumulative inventory investment at any given moment in time by approximately \$650,000.

- Celsis Method
- Traditional Method
- Micro Hold Time



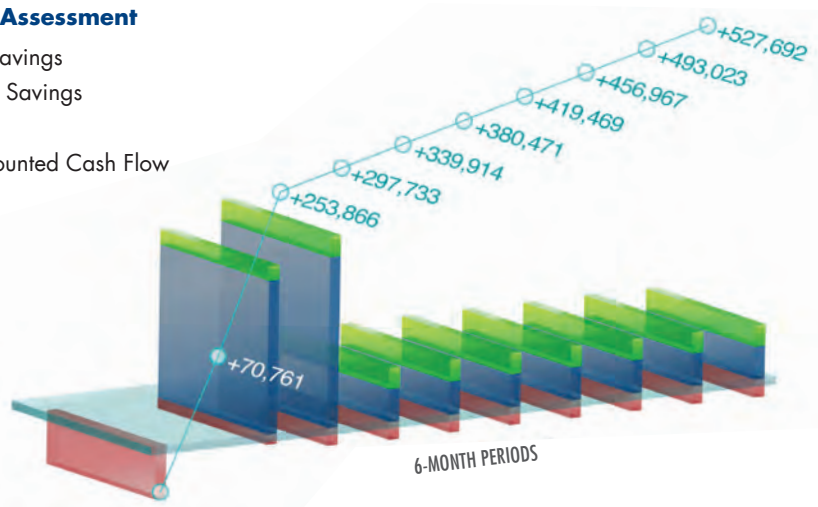
This chart compares the inventory requirements of traditional microbial methods versus the Celsis method. Throughout the manufacturing process, raw materials, in-process and finished goods are typically held for several days awaiting quality test results. These delays mean your company's invested working capital is sitting idle—not working to improve the business. By implementing Celsis, our customers effectively screen and release products within 18–24 hours, reducing their cumulative inventory investment while delivering safe products to market faster.

Real, Quantifiable Value

With its Financial Impact Assessment (FIA), Celsis can evaluate the cost savings of implementing a Celsis system in your manufacturing facility. Using company-specific information including the daily value of finished goods, number of products tested and the number of days products are held in quarantine, the FIA projects the 5-year Net Present Value (NPV) of your company's investment in the Celsis system. The 5-year NPV for an average manufacturing facility is in excess of \$500,000, and most plants realize a return on investment in just 6–9 months.

Financial Impact Assessment

- Contamination Savings
- Working Capital Savings
- Investment
- Cumulative Discounted Cash Flow



The Celsis Approach

Celsis is the only company dedicated solely to rapid microbial methods for industrial applications. From the decision making process to implementation, the Celsis Approach is designed to work with your organization every step of the way:

- 1 Assess the financial and operational savings for your organization.** Assemble a decision making team from your company's QA/QC, Operations, Supply Chain and Finance departments; this team will work with Celsis to complete a Financial Impact Assessment. If the assessment proves beneficial, we will review current microbiological testing process and establish implementation benchmarks and milestones.
- 2 Install the system and train your staff.** Once a commitment has been made, we will execute your custom implementation plan, including full IQ, OQ and staff training through Celsis technical and validation support. We help design a validation process to fold directly into your existing testing protocols, making the transition as seamless as possible.
- 3 Release products while freeing up working capital.** As you transition to full utilization of Celsis to test and release your products, you will begin to see the inherent value of using the world's leading rapid method. Celsis is committed to ongoing customer and technical support as you continue to develop new products, line extensions or reformulations.

The Celsis System:

Instrument • Software
Reagents • Support



Celsis Advance II™



Celsis Accel™

Products Tested:

Home Care

- Laundry detergents and fabric enhancers
- All-Purpose household cleaners, including hard and specialty surface products
- Household cleaning wipes

Personal Care and Cosmetics

- Hair care and styling products
- Oral care, including mouth washes
- Body and face washes, creams, and lotions, including active ingredients
- Color cosmetics, including liquids, creams, powders, and serums
- Eye make-up, including mascara
- Sun care products, including SPF sunscreens

Raw Materials and In-process Testing



World's Leading RMM Systems

Consumer products companies of all sizes have placed their trust in Celsis for nearly 20 years, and the Celsis method continues to be the choice of top manufacturers worldwide.

24 HOURS

Time needed to confirm the presence or absence of bacteria, yeast and mould using our proprietary AMPiScreen™ assay

8 OF THE TOP 10

personal care companies worldwide release product using a Celsis system

800 INSTALLATIONS in over **65 COUNTRIES**

Celsis: Recognized and Respected Market Leader Trusted

- Global Industry standard for rapid microbial screening
- Designed exclusively for manufacturing applications
- Worldwide technical support and distribution

Experienced

- Installations in more than 65 countries
- Validated on the widest range of products
- Over 100 million assays run around the world

Recognized

- 2014 *Supply & Demand Chain Executive* Top 100, Great Supply Chain Projects Award
- 2013 *Supply & Demand Chain Executive* Top 100, Great Supply Chain Projects Award
- 2011 *Supply & Demand Chain Executive* Top 100, Great Supply Chain Projects Award
- 2010 *Supply & Demand Chain Executive* Top 100 Award
- 2009 *Manufacturing Business Technology* Innovation Award
- 2008 Frost & Sullivan Best Practices Award

 **Celsis**
a charles river company

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