

BIOMÉRIEUX

TEMPO[®] FOOD QUALITY AUTOMATION

Because You Count!



Your Trusted Partner in Augmented Diagnostics

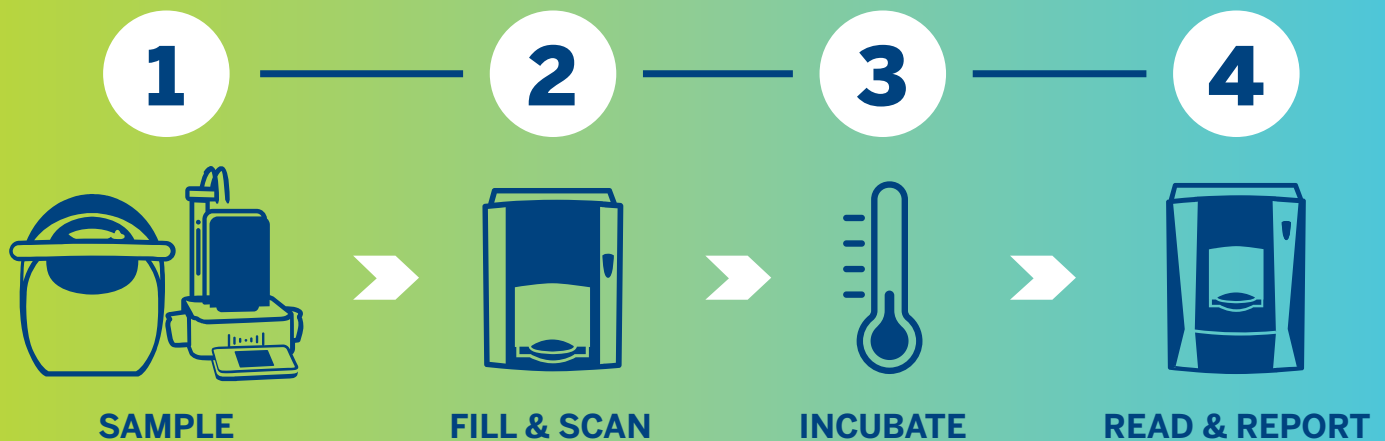
PIONEERING DIAGNOSTICS

AUTOMATED QUALITY INDICATOR SOLUTION

TEMPO® is a fully automated enumeration system that tests quality indicators in food products and environmental samples within your laboratory 4x faster than the traditional method.

Only 4 Steps

TEMPO® is easier and faster than the traditional method with a simple process in 4 steps:



WHAT DOES IT MEAN FOR YOU?

THE IMPACT

People Empowerment

TEMPO® empowers your team with easy learning, prevents errors, and reduces extra hours and weekend work.

Traceability

TEMPO® ensures traceability, connectivity, and audit readiness.

Confidence in Quality and Results

TEMPO® offers an easier, faster process with no serial dilution and no cross-contamination.

THE SCIENCE

- Automated Most Probable Number (MPN)
- Reading time takes less than five minutes for 20 cards
- No confirmation, no serial dilution
- LIMS connectivity
- Integrated control plan & barcode
- VILINK® remote access
- Simple and intuitive operation with only four steps
- AFNOR, AOAC, MICROVAL, and Health Canada validated
- Sealed cards

TEMPO® Parameters

			NEXT DAY* SOLUTION	ISO 16140-2	AOAC	MLG**
411113	AC	Aerobic mesophilic total flora	✓	✓	✓	✓
80002	STA	<i>Staphylococcus</i> (coag+)	✓	✓	✓	
80003	EB	<i>Enterobacteriaceae</i>	✓	✓	✓	✓
80004	EC	<i>Escherichia coli</i>	✓	✓	✓	✓
80006	TC	Coliforms	✓	✓		
80044	CC	Coliforms	✓		✓	✓
80106	BC	<i>Bacillus cereus</i>	✓	✓	✓	
80001	YM	Yeast & Mold	72-76 h		✓	
80071	LAB	Lactic acid bacteria	40-48 h			
421509	CAM	<i>Campylobacter</i>	48 h	✓	✓	

*Can vary depending on matrix and validation scope | ** USDA Microbiology Laboratory Guidebook

TEMPO®: A Trusted Solution by Top Brands

Danish Crown - An Innovation in the Laboratory

Danish Crown has used TEMPO® since 2008 for their daily microbiological testing. In total, 3,000 samples are analyzed each month. The adoption of TEMPO® allowed for the optimization of people management, moving from four technicians to two people.



"It's a fast and efficient technology—we can start a lot of samples in a short time."

Simone Lynge Bjerg, *Quality Specialist*

Precision Biolabs - Transforming Dairy Lab Operations

In 2017, Precision Biolabs doubled its lab space to boost microbiological testing and adopted TEMPO® to streamline operations and training. The system cut result times from 48 to 24 hours on Total Count Assays and from two days to 24 hours on *E. coli* Assays.



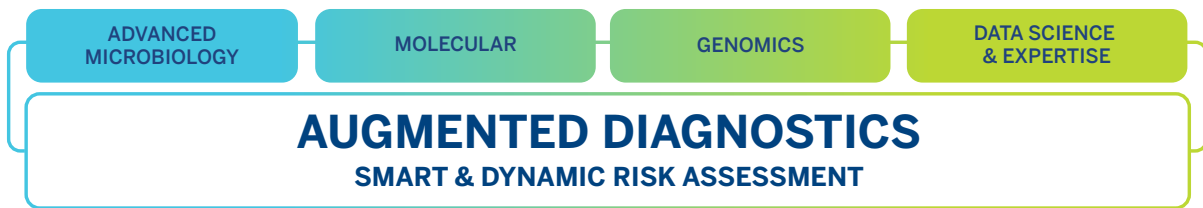
"TEMPO® helped us transform how we operate in the lab."

Sarah Gempeler, *Laboratory Manager*



THE AUGMENTED DIAGNOSTICS APPROACH: FROM TEST RESULTS TO ACTIONABLE INSIGHTS

bioMérieux's Augmented Diagnostics approach combines cutting-edge microbial testing technologies (including **Microbiology** and **Molecular Biology**) with the latest **Genomics** and **Data Science** methodologies, as well as an innovative spirit and **industry experts**.



MICROBIOLOGY & MOLECULAR



SAMPLE & MEDIA PREPARATION

- BIOBALL®
- BLUE LINE™
- Culture Media



SPOILERS & QUALITY INDICATORS

- TEMPO®
- D-COUNT®
- BACT/ALERT®
- GENE-UP®
- VERIFLOW™



PATHOGEN DETECTION

- VIDAS® KUBE™
- Chromogenic Plates
- GENE-UP®



MICROBIAL IDENTIFICATION

- VITEK® MS PRIME
- VITEK® COMPACT PRO
- API®



CUSTOM MOLECULAR BIOLOGY

- The xPRO™ Program

AUGMENTED-DX PORTAL Data Insights, Investigations, Reporting



INVESTIGATION & ROOT CAUSE ANALYSIS

- Pathogen and Spoiler Mapping (*whole genome sequencing, metagenomics*)
- Microbiome Discovery (*metagenomics*)
- GENE-UP® TYPER



DIGITALIZATION

- ENVIROMAP®
- VILINK®



PEOPLE & PROCESS UPSKILLING

- EM E-Learning
- Process Optimization
- EM Consulting Services

GENOMICS & ENVIRONMENTAL MONITORING EXPERTISE



LEARN MORE ABOUT THE AUGMENTED DIAGNOSTICS APPROACH ON OUR WEBSITE.

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