



n°1 Solution Worldwide

FOR EXCELLENCE IN AUTOMATED IDENTIFICATION
AND STRAIN TYPING

● EXCELLENCE FOR ROUTINE IDENTIFICATION

- Increase productivity and safety with the highest level of **automation**.
 - Automated internal barcode scanner
 - Automated loading mechanism
 - Reads every 15 minutes for greater **speed** of identification
 - Configuration options, giving you **flexibility**.
- Completed tests are automatically ejected into an **ergonomic** trash container.



● INTUITIVE SOFTWARE



- Intuitive icons require less technician training resulting in higher **productivity**.
- Navigation tree shows actual status of all cards increasing **speed** of results and resolution of issues by staff.



● NETWORKING ANYWHERE WITH ANY HARDWARE

- Complete networking guide for remote print, view, back-up, restore and archiving.
- Freedom to use your hardware.

Optional software includes the VITEK®2 Compact **Validation Package** to get your laboratory up and running in the shortest time possible.



- 21CFR11 compliant
- SRF, Supplemental React File, a **customizable** feature to track facility-specific organisms.
- These organisms may be **automatically transferred** to this area of the software and saved.

This eliminates typographical errors and increases **confidence** and **quality** of results.



- Single-use card with no cross contamination
- Same day or next day results
- Highest **accuracy**



DEVELOPED AND TESTED ON > 17,000 ISOLATES

	Time to Result	Performance Correct ID/1 Choice
BCL for all gram-positive spore-forming bacilli	14 hours	87%
CBC for <i>Corynebacterium</i> spp and related genera	8 hours	85.4%
GN for all gram-negative bacilli	2-10 hours	90%
GP for all gram-positive cocci and lactic acid bacilli	2-8 hours	94%
YST for all yeast-like organisms	18 hours	87%
ANC for anaerobic bacteria	6 hours	90%

ersilab™
— Strain typing

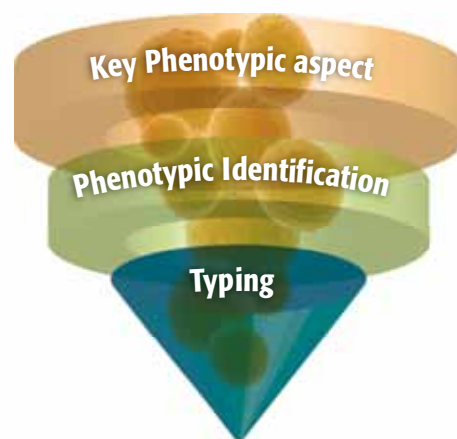


The DiversiLab® system provides best in class genotypic characterization of bacteria, yeast and mold – making it possible to rapidly locate the source, and stop the spread of further contamination.

SUPERIOR STRAIN DISCRIMINATION

“Rep-PCR has considerably better discriminatory power than restriction analysis of the 16S rRNA gene”

Journal of Clinical Microbiology, June 1999



COST EFFECTIVE: THE RIGHT ANSWER AT THE RIGHT TIME

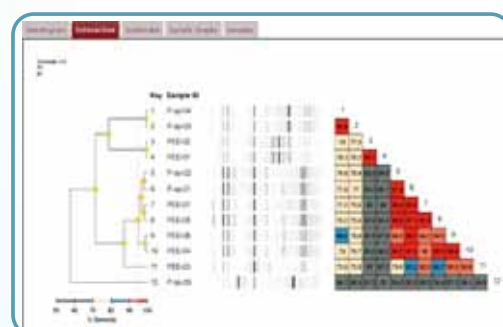
Investigations are completed as quick as four hours instead of several days while processing up to 13 samples at the same time. The system automates and standardizes a traditionally complex process while increasing consistency, reproducibility and ease of interpretation. In addition, the DiversiLab system is complementary to VITEK® 2 Compact, giving you the right answer with the right cost at the right time.

IMPROVE YOUR PROCESSES AND CUSTOMER SAFETY

The DiversiLab System is widely applicable in biopharmaceutical investigation and reference labs.

DYNAMIC, SECURE REPORTS

The DiversiLab system goes beyond standard results, delivering interactive dendrograms that simplify interpreting specific relationships between samples. Results for manufacturers can be delivered more quickly and facility-wide statistics can be compiled from molecular data. Databases are regularly updated and may be customized with your own data. 21CFR11 compliant.



Meet the latest regulatory guidelines
in a rational and cost effective approach

When to Identify?

"Sequencing of the 16S ribosomal RNA gene to identify the class, order and genus of a microorganism is now an integral part of the approach to microbial taxonomy, but this gene is not useful for identifying many microbes at the species level."

Source: RECONCILING MICROBIAL
SYSTEMATICS AND GENOMICS -
ASM REPORT 2006

"With many isolates phenotypic identification is completely adequate and the added expense of using a genotypic identification system is not justified."

Source: PDA JOURNAL
OF PHARMACEUTICAL SCIENCE
AND TECHNOLOGY, 2008.

**AUTOMATED ROUTINE
IDENTIFICATION** to
the species level allows
in depth knowledge
of environmental flora

When to Investigate?

"...it may be necessary to employ sensitive typing techniques to demonstrate that a microorganism isolated from the product test is identical to a microorganism isolated from the test materials and/or the testing environment."

Source: EP 5.1.9

diversilab™
Strain typing



INVESTIGATION mandates
strain typing
(i.e: finger-printing)
to demonstrate perfect
clonal type below
species level

**BIOMÉRIEUX'S TOTAL SOLUTION
IDENTIFICATION & TYPING
FROM ROUTINE TO INVESTIGATION**

VITEK 2™ — compact



SPECIFICATIONS

VITEK® 2 COMPACT INSTRUMENT

Dimensions

Height 60 cm (23.6 in.)
Width 72 cm (28.3 in.)
Depth 68 cm (26.8 in.)

Mass

Approximately 75 kg (165 Lb)

ELECTRICAL CHARACTERISTICS

Input voltage 100/120/220/240 VAC at 50/60 Hz
Maximum input current 5 amps @ 120 VAC or 2.5 amps @ 240 VAC
Nominal input current 2.5 amps @ 120 VAC or 1.25 amps @ 240 VAC
Power 300 watts nominal, 600 watts peak
Heat 1025 BTU/HR (nominal)
Power cord Detachable 3-wire with ground, per IEC 320

GENERAL CHARACTERISTICS

Cassette Capacity, cards: 10 cards per cassette
Vacuum (*Filler*) Minimum level: 0.89 PSIA $\pm$ 0.06 PSIA
Sealer Mechanical: stub length 1.25 $\pm$ 0.25 mm
Incubator Temperature: 35.5°C $\pm$ 1°C average
Capacity: 30 or 60 cards per Incubator (depending on configuration)

URS AVAILABLE

PERFORMANCE TESTED

AOAC Research Institute
GP Identification, License number 120702
BCL Identification, License number 080801
GN Identification, License number 020802
Validation Package Available

n°1 Solution

IN IDENTIFICATION & TYPING WITH MORE THAN 1,000 RUNNING*
SYSTEMS IN INDUSTRIAL MICROBIOLOGY LABORATORIES.

* Position on industrial markets based on bioMérieux estimates.



Automated Orientation



Automated Identification



Automated Strain typing

TOTAL CONTROL OF YOUR AUTOMATED ID & STRAIN TYPING

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