

MICROPRO[®]~ID

Microbial Identification Test

Micropro[®]~ID Identification System

is a miniaturized method employing modified conventional and chromogenic substrates.

Enables the identification of aerobic Gram-negative bacteria from the family *Enterobacteriaceae*, some frequently isolated fermenting and non-fermenting Gram-negative bacteria and Gram-positive bacteria.

FEATURES & BENEFITS

- Reduces the number of manual media preparations for biochemical testing.
- A total of 23 biochemical tests can be performed at a time for each sample type.
- Three step process: Inoculating, Incubating, and Reading.
- Interpretation and report generation is done easier with the use of software application.
- Like MIC and AST, identification can be carried out in the same Micropro[®] instrument.
- Compact kit with all the required accessories included.
- Least expertise required to perform the test and easy to use.
- Results equivalent to conventional method.
- Sensitive and highly precise.

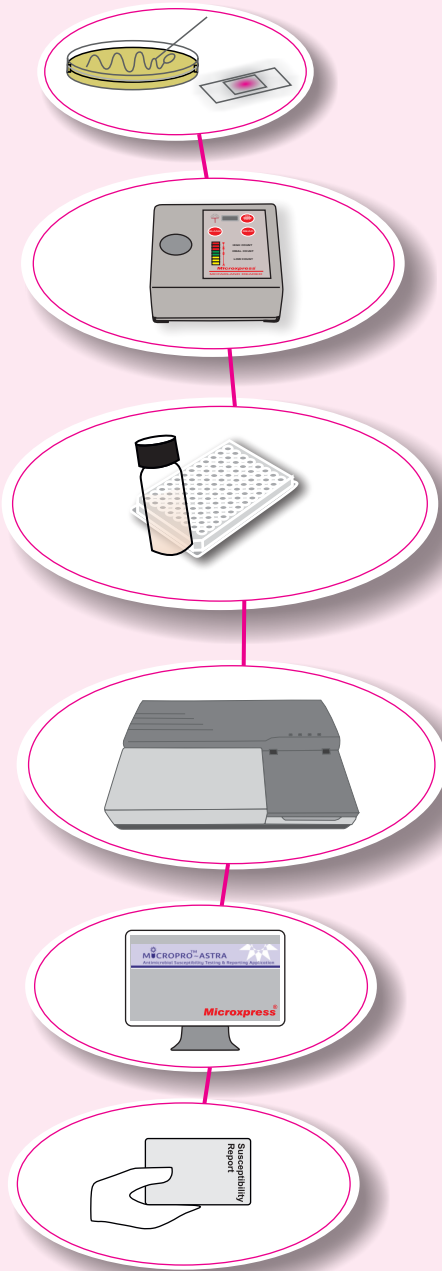
CULTURE LIST

Gram Negative Bacteria - *E. coli*, *Proteus*, *Shigella*, *Salmonella*, *Klebsiella*, *Enterobacter*, *Citrobacter*, *Pseudomonas*, *Acinetobacter* and many more...

Gram Positive Bacteria - *Staphylococcus*, *Enterococcus*, *Streptococcus*, *Bacillus* and more...

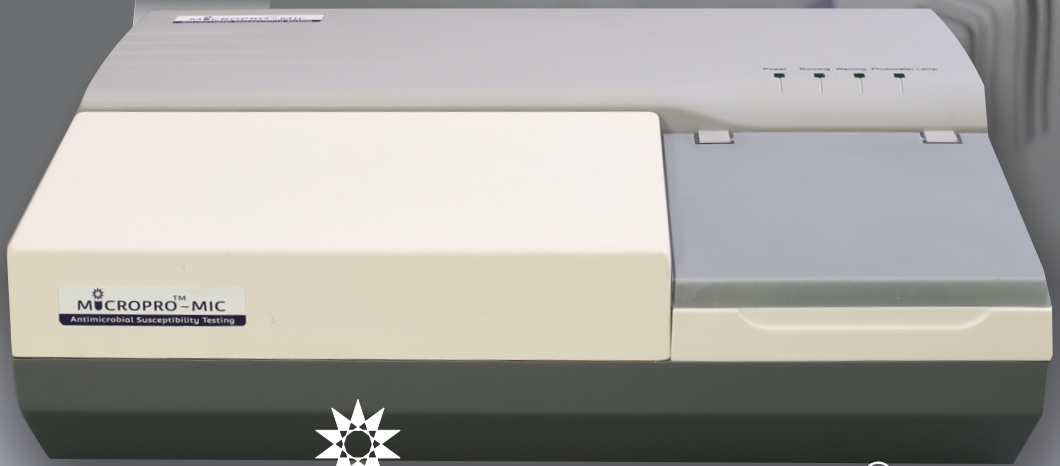
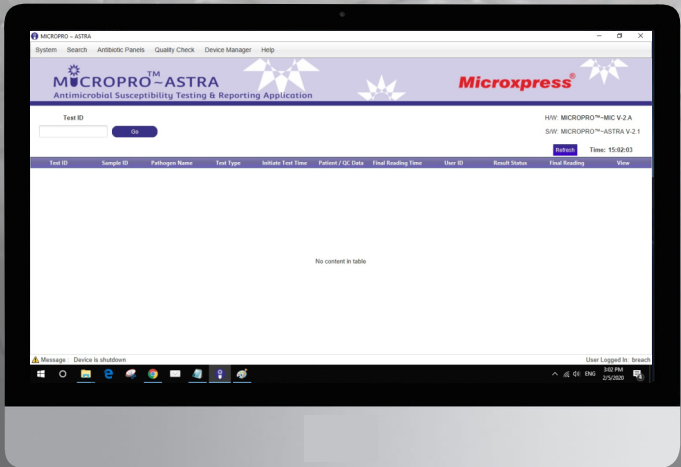
Microbial Identification

Efficient Workflow



* For detailed configuration refer pack insert.

Microxpress[®]



MICROPRO[®]

Antimicrobial Susceptibility Testing & ID System

Broth Microdilution Method



Enables
Reporting of Antimicrobial
Susceptibility Testing &
Identification of
Pathogens within
12 hours

An ISO 13485
Certified Company

Microxpress[®]
Division of
T TULIP DIAGNOSTICS (P) LTD.

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MICROPRO[®]-MIC

Antimicrobial Susceptibility Testing

Broth Microdilution Method

A system intended for Antimicrobial Susceptibility Testing and Reporting within 10-12 hours.

The **Micropro[®] - MIC** System incorporates:

- Turbidimetric growth detection
- Pre-coated panels with different antimicrobial concentrations
- **Micropro[®] - ASTRA** software platform for reporting of results

SALIENT FEATURES

- Conforming to CLSI Guidelines
- Resistance Markers
- Intrinsic Resistance Indications
- Detection of Carbapenem Resistance
- Colistin & Polymixin B Testing
- Beta-lactamase Detection in Staphylococci
- Methicillin Resistance in *S. aureus*
- Vancomycin Resistance in *S. aureus*
- Inducible Clindamycin Resistance
- Predictive mecA Detection for *S. aureus*
- Vancomycin Resistance in Enterococci
- High-Level Aminoglycoside Resistance in Enterococci
- ESBL Detection and Change in Result Interpretation

BENEFITS

- User-Friendly, Minimal expertise required
- Data Entry of Clinical Information from routine diagnostic testing
- Analysis of reports include Isolate Listings, Antimicrobial Susceptibility Test and Test Groups
- Compares Multi-Drug Resistance Patterns with pre existing database
- Integrated Susceptibility Test Interpretation Guidelines from CLSI/EUCAST
- Simple Data File Structure And Output Formats.
- Compatible With LIS

Micropro[®] ~ ASTRA SOFTWARE

Antimicrobial Susceptibility Testing & Reporting Application provides an easy and better way for faster detection, analysis and communication of susceptibility results to the health care professionals.

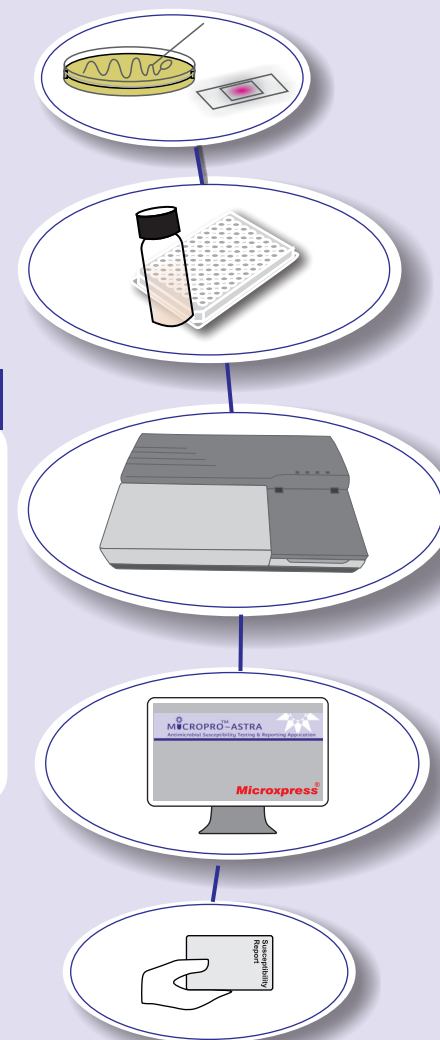
Reliability

For Antimicrobial Susceptibility Test results, the essential and categorical agreements were 94.36 % and 91.9 %, respectively with Automated Instruments.

Single Platform, Unlimited Sample Testing, Intuitive Software Application...

Antimicrobial Susceptibility Testing and Reporting within 10-12 hours!

CLSI Compliant! Efficient Workflow



MICROPRO[®]-AST

Antimicrobial Susceptibility Testing

Broth Microdilution Method equivalent to Kirby Bauer

Conventional method for antibiotic susceptibility testing include the **Disk Diffusion Method** which takes about 10 to 12 hours, causes delay in delivering results by three days.

Broth Microdilution Methods are the latest generation testing methods which involves instruments and software applications. Sensitive optical detection systems allows detection of even subtle changes in bacterial growth.

Uses CLSI recommended.

1. **Mueller Hinton - Cation Adjusted Medium** for culturing of wide range of pathogens.
2. **Micropro[®] Antibiotic Susceptibility Panels** - GN, GP and UTI
3. **Microxpress[®] McFarland Reader** for inoculum preparation.



All in One Kit available - Sterile Inoculum Kit, Reagents Kits with Gamma Sterile Accessories .

FEATURES AND BENEFITS

- ✓ Spectrophotometric – Turbidimetric Technology
- ✓ Applicable to all pathogens from all infection sources
- ✓ Optimizes Lab work
- ✓ Media or plate pre-preparation not required
- ✓ Software takes care of reporting and interpretation
- ✓ Easy sample preparation for inoculation
- ✓ Six Panels for all GN and GP pathogens
- ✓ Result interpretation: Automated with Software
- ✓ Simple Procedure Adaptable by almost all Laboratories

Micropro[®] ~ ASTRA SOFTWARE

Antimicrobial Susceptibility Testing & Reporting Application Interpretation of Antimicrobial Susceptibility Testing Results with Preferences and Test Group in accordance to CLSI.

Reliability

More than 92 % Correlation with Kirby Bauer Method
More than 91.9 % Correlation with Automated Instruments

Single Platform, Unlimited Sample Testing, Intuitive Software Application...

Antimicrobial Susceptibility Testing and Reporting within 10-12 hours!

Developed on EUCAST Model Conforms to both CLSI and EUCAST

