

# **2024 USA Automated Microbiology Market: Supplier Shares and Segment Forecasts for 100 Tests--Molecular Diagnostics, Microbial Identification, Antibiotic Susceptibility, Blood Culture, Urine Screening, Immunodiagnosics**

<https://marketpublishers.com/r/239DB34D4C03EN.html>

Date: August 2024

Pages: 0

Price: US\$ 4,500.00 (Single User License)

ID: 239DB34D4C03EN

## **Abstracts**

LeadingMarketResearch.com's new report is an analysis of major business opportunities emerging in the U.S. automated microbiology market during the next five years. The report examines key trends, reviews current and emerging assays; analyzes potential applications of innovative diagnostic technologies; forecasts volume and sales for molecular diagnostic, microbial identification, antibiotic susceptibility, blood culture, urine screening and immunodiagnostic procedures, as well as over 100 infectious disease tests by assay, application, market segment; profiles leading players and potential market entrants; and suggests alternative business expansion strategies for suppliers.

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### **1. MAJOR FACTORS AFFECTING MARKET PENETRATION FOR MICROBIOLOGY INSTRUMENTATION**

#### **2. TRADITIONAL PRACTICES**

#### **3. TECHNOLOGICAL CHALLENGES**

#### **4. AUTOMATION: IMPACT ON THE MICROBIOLOGY LABORATORY AND THE PATIENT**

##### **B. Major Specimen Types**

###### **1. URINE**

###### **2. STERILE FLUIDS: BLOOD, SERUM, AND CSF**

###### **3. THROAT SWABS AND RESPIRATORY SECRETIONS**

###### **4. GENITAL SECRETIONS**

###### **5. STOOL**

###### **6. ABSCESS/WOUND**

###### **7. SPUTUM**

###### **8. SALIVA**

## C. Test Applications

### **1. MICROBIAL IDENTIFICATION**

### **2. ANTIBIOTIC SUSCEPTIBILITY**

### **3. URINE SCREENING**

- a. Photometry
- b. Bioluminescence
- c. Colorimetric Filtration
- d. Enzymatic Detection
- e. Optical Detection

### **4. BLOOD CULTURES**

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