

# **Mycoplasma Testing Market – Global Industry Size, Share, Trends, Opportunity, & Forecast 2018-2028 Segmented By Product (Instruments, Kits and Reagents), By Technology (PCR, ELISA, Enzymatic Methods, DNA Staining, Other), By Application (Cell Line Testing, Bioproduction Testing, Other), By Region, Competition**

<https://marketpublishers.com/r/M3271BF1897DEN.html>

Date: October 2023

Pages: 190

Price: US\$ 4,900.00 (Single User License)

ID: M3271BF1897DEN

## **Abstracts**

Global Mycoplasma Testing Market has valued at USD 841.40 million in 2022 and is anticipated to project robust growth in the forecast period with a CAGR of 13.50% through 2028. The Global Mycoplasma Testing Market is a dynamic and rapidly evolving sector within the broader field of diagnostics and infectious disease management. Mycoplasma, a genus of bacteria known for their lack of a cell wall, can infect various host organisms, including humans, animals, and cell cultures. Mycoplasma contamination poses a significant threat to research, biopharmaceutical manufacturing, and clinical diagnostics, making mycoplasma testing an essential component of quality control and safety assurance.

### **Key Market Drivers**

#### **Biopharmaceutical Advancements**

Biopharmaceuticals, which encompass a wide range of therapeutic products derived from biological sources, have experienced a remarkable surge in demand and development over recent years. This surge has directly contributed to the growth of the Global Mycoplasma Testing Market. Biopharmaceuticals, including monoclonal antibodies, vaccines, and cell therapies, are becoming increasingly prevalent in modern

medicine. This shift towards biologics has necessitated stringent quality control measures, including mycoplasma testing.

As the production of biologics escalates to meet global healthcare needs, the demand for mycoplasma testing also surges. Any mycoplasma contamination in biologics can compromise patient safety and product efficacy, making thorough testing imperative. Regulatory agencies such as the FDA and EMA have imposed strict guidelines for the manufacturing and testing of biopharmaceuticals. These guidelines emphasize the importance of mycoplasma testing in ensuring product safety. Biopharmaceutical manufacturers must adhere to these regulations, further driving the need for mycoplasma testing in the industry. Mycoplasma contamination in biopharmaceutical production can have severe consequences, including batch loss, product recalls, and damage to a company's reputation. Biopharmaceutical companies are acutely aware of these risks and, as a result, prioritize mycoplasma testing. Investing in mycoplasma testing is seen as a proactive measure to mitigate the risk of contamination-related setbacks, ensuring smooth production processes.

Cell cultures are integral to the production of biopharmaceuticals. Mycoplasma contamination can rapidly proliferate in cell cultures, making these systems highly susceptible. Biopharmaceutical advancements have led to the development of more complex and high-yield cell culture technologies. These sophisticated systems require even more rigorous mycoplasma testing to maintain the integrity of the production process. The growth of biosimilars, which are highly similar versions of approved biopharmaceuticals, has added to the demand for mycoplasma testing. Biosimilar manufacturers must demonstrate the comparability of their products to the reference biopharmaceuticals, which includes rigorous mycoplasma testing to ensure the same level of safety and efficacy. Continuous research and development in biopharmaceuticals lead to the discovery of novel therapeutic molecules and production techniques. This ongoing innovation requires comprehensive testing, including mycoplasma testing, to ensure the quality and safety of these new products. The pursuit of cutting-edge biopharmaceuticals drives the growth of mycoplasma testing services and technologies.

### Increasing Disease Awareness

The growing awareness of diseases caused by mycoplasma infections in both humans and animals has become a pivotal driver for the Global Mycoplasma Testing Market. Mycoplasma infections can lead to a wide range of health issues, from respiratory infections in humans to respiratory, urogenital, and joint infections in animals. As

individuals become more informed about the health risks associated with mycoplasma, there is a heightened demand for accurate and timely testing to diagnose and manage these infections effectively.

Mycoplasma infections in animals, such as poultry, swine, and cattle, can cause significant economic losses in the agricultural and livestock industries. These infections often lead to decreased productivity, increased mortality rates, and the need for costly disease management. Increased disease awareness in these sectors has led to a greater emphasis on regular mycoplasma testing to detect and prevent outbreaks, safeguarding animal health and agricultural productivity. Advances in veterinary medicine and diagnostics have made it easier to identify mycoplasma-related diseases in animals. Veterinarians and livestock producers are increasingly recognizing the importance of early detection through mycoplasma testing to prevent the spread of infections within herds and flocks.

The awareness of mycoplasma's potential for cross-species transmission has grown. Mycoplasma can move from animals to humans and vice versa, raising concerns about zoonotic infections. This understanding has led to more comprehensive mycoplasma testing efforts in settings where human-animal interactions are common, such as farms, zoos, and pet breeding facilities. In the realm of human health, mycoplasma infections are associated with respiratory conditions like pneumonia and genitourinary infections. As individuals become more health-conscious, they are seeking prompt diagnosis and treatment, which relies on accurate mycoplasma testing. Awareness of the global issue of antimicrobial resistance has also contributed to the demand for mycoplasma testing. Mycoplasma infections often require antibiotic treatment, and the emergence of resistance underscores the need for accurate diagnosis. Patients and healthcare providers are increasingly cautious about the unnecessary use of antibiotics, emphasizing the importance of targeted therapy guided by mycoplasma testing results...

#### Increasing in the life science sector

The life science sector has witnessed remarkable growth and innovation, becoming a critical driver for the Global Mycoplasma Testing Market. The life science sector has experienced an explosion in research and development activities. This encompasses areas such as genomics, proteomics, and drug discovery, which rely on cell cultures and biotechnology. Mycoplasma contamination poses a significant threat to cell cultures and biopharmaceutical production. Thus, as R&D in life sciences expands, the demand for rigorous mycoplasma testing also escalates to safeguard research integrity.

Cell culture techniques are foundational in life sciences for studying cellular behavior and developing biopharmaceuticals. Mycoplasma contamination can quickly disrupt these cultures. As the life science sector increasingly relies on cell culture systems for diverse applications, maintaining mycoplasma-free cultures becomes imperative. This necessitates routine mycoplasma testing to ensure data accuracy and product quality. Biopharmaceuticals, including monoclonal antibodies and gene therapies, have transformed healthcare. These complex therapies often involve cell-based production systems. The biopharmaceutical sector's growth translates to higher demand for mycoplasma testing. Any contamination in biologics production can have severe consequences for patient safety, prompting stringent testing measures.

Stem cell research and regenerative medicine hold immense promise for treating a range of diseases. These fields heavily rely on cell cultures and molecular techniques. Mycoplasma contamination can undermine the viability and safety of stem cell therapies. Consequently, researchers and companies in these domains prioritize mycoplasma testing to ensure the success of these groundbreaking therapies. The life science sector operates in a highly regulated environment. Regulatory agencies, such as the FDA and EMA, require adherence to stringent quality control standards. Mycoplasma testing is a critical component of quality control in life science research and biopharmaceutical production. Compliance with these standards drives the demand for mycoplasma testing.

Research in the life sciences has become a global endeavor, with collaborations and partnerships spanning continents. Standardized mycoplasma testing protocols are essential to ensure consistency and comparability of research results across different regions, fostering international collaboration. Mycoplasma contamination poses significant risks to both research outcomes and product quality. The life science sector is acutely aware of these risks and invests in mycoplasma testing as a proactive risk mitigation strategy.

### Growing Healthcare Infrastructure

The expansion and enhancement of healthcare infrastructure on a global scale have emerged as a critical driver for the Global Mycoplasma Testing Market. The growth of healthcare infrastructure means that more individuals worldwide have access to healthcare services. This expanded access results in higher demand for diagnostic tests, including mycoplasma testing. As healthcare becomes more accessible, routine screening and diagnostics are increasingly integrated into healthcare systems, leading to a surge in testing.

The construction of new hospitals, clinics, and healthcare facilities is a hallmark of growing healthcare infrastructure. These facilities are equipped to provide a wide array of medical services. Mycoplasma testing is a crucial component of laboratory diagnostics in healthcare settings. The proliferation of such facilities drives the demand for mycoplasma testing services. Advancements in healthcare infrastructure have led to a shift towards point-of-care testing, where diagnostic tests are conducted near the patient, often within healthcare facilities. Mycoplasma testing is adapted to point-of-care settings, especially for diagnosing respiratory infections quickly. The availability of on-site testing options contributes to its increased utilization.

Growing healthcare infrastructure emphasizes preventive medicine and health screenings to detect diseases at earlier stages. This proactive approach extends to infectious diseases such as mycoplasma infections. Preventive health check-ups frequently include mycoplasma testing, particularly for individuals at higher risk, such as those with compromised immune systems. Governments and healthcare authorities worldwide have implemented public health initiatives that include disease surveillance and control measures. Mycoplasma outbreaks can be a public health concern, leading to the inclusion of mycoplasma testing in disease surveillance programs and outbreak investigations. Maternal and neonatal healthcare has seen significant improvements, with an emphasis on early detection and intervention. Mycoplasma testing is essential during pregnancy to identify potential infections that could affect both the mother and the unborn child. Expanding maternal and neonatal healthcare bolsters mycoplasma testing requirements.

## Key Market Challenges

### Cost Constraints in Developing Regions

One of the significant challenges in expanding the mycoplasma testing market is the cost associated with acquiring and implementing testing solutions. In developing regions with limited healthcare budgets, investing in expensive mycoplasma testing equipment and reagents can be prohibitive.

Many developing countries allocate a substantial portion of their healthcare budgets to basic healthcare needs like vaccinations and infectious disease control. This leaves limited resources for advanced diagnostic technologies, including mycoplasma testing. Establishing a mycoplasma testing infrastructure, including purchasing specialized equipment and training personnel, requires a considerable initial investment that some

regions may struggle to afford. Continuous testing relies on a steady supply of costly reagents and consumables, which can be a financial burden for healthcare facilities in resource-constrained areas.

### Regulatory Hurdles and Compliance Challenges

Mycoplasma testing is subject to stringent regulatory standards, particularly in the pharmaceutical and biotechnology sectors. Navigating these regulations and ensuring compliance can be a complex and time-consuming process.

Different regions and countries often have varying regulatory frameworks for mycoplasma testing. Complying with these diverse standards can be challenging for manufacturers, potentially slowing down market growth. Regulatory agencies require extensive documentation, validation data, and quality control procedures, which can increase the time and resources required to bring mycoplasma testing products to market. Regulatory requirements for diagnostic tests can change over time, necessitating continuous updates and modifications to testing procedures and products. Adapting to these changes can be a significant challenge for manufacturers.

### Limited Awareness and Education

Despite the growing awareness of mycoplasma-related infections, there is still a need for increased education and awareness about the importance of mycoplasma testing in various sectors.

In some regions and industries, there may be a lack of awareness about mycoplasma infections and their potential impact on research, healthcare, and biopharmaceutical production. Misconceptions about mycoplasma testing, its relevance, and the consequences of contamination can hinder its adoption. Educating stakeholders is crucial to dispel myths and foster understanding. Proper mycoplasma testing requires skilled personnel who understand the intricacies of testing procedures. A shortage of trained professionals can slow down testing efforts.

### Key Market Trends

#### Rapid Adoption of Molecular Diagnostics

One significant trend in the Global Mycoplasma Testing Market is the rapid adoption of molecular diagnostics, particularly Polymerase Chain Reaction (PCR)-based methods.

Molecular diagnostic techniques, such as PCR, offer unparalleled sensitivity and specificity in detecting mycoplasma DNA. They can identify even low levels of contamination quickly and accurately. Molecular tests provide rapid results, often within hours, compared to traditional culture-based methods that can take days or even weeks. This speed is crucial in maintaining the efficiency of biopharmaceutical production and research. Automated molecular testing platforms allow for high throughput, making them suitable for large-scale testing in biopharmaceutical manufacturing facilities.

PCR-based methods reduce the risk of false positives associated with traditional culture-based techniques, as they do not rely on the growth of mycoplasma cells.

### Expansion of Point-of-Care Testing (POCT)

Point-of-care testing (POCT) for mycoplasma infections is gaining prominence, especially in clinical and veterinary settings. POCT devices are becoming more accessible and user-friendly, allowing healthcare providers to perform mycoplasma testing at the point of care, such as clinics, doctor's offices, and veterinary clinics. POCT enables rapid diagnosis, which is crucial for initiating timely treatment. This is particularly beneficial in cases of respiratory and urogenital infections in humans and animals. POCT eliminates the need for sample transportation to central laboratories, reducing turnaround time and facilitating quicker decision-making in patient care.

### Emergence of Automation and Robotics

Automation and robotics are making inroads into mycoplasma testing processes, streamlining workflows and enhancing efficiency.

Automated systems ensure consistent and highly accurate testing results, reducing the risk of human error. This is especially critical in pharmaceutical and biotechnology industries. In facilities where mycoplasma testing is performed on a large scale, automation can significantly increase testing capacity and reduce labor costs. Robotic systems can handle complex sample processing tasks, such as DNA extraction and sample transfer, allowing for greater efficiency and precision.

### Segmental Insights

### Product Insights

Based on the category of Product, the kits and reagents segment emerged as the dominant player in the global market for Mycoplasma Testing in 2022. Kits and reagents provide comprehensive mycoplasma testing solutions in a single package. These kits typically include all the necessary components, such as primers, probes, enzymes, and buffers, required for accurate mycoplasma detection. This comprehensive nature simplifies testing processes for laboratories and research facilities, reducing the need for piecemeal procurement of individual components. It streamlines workflows and ensures consistent and reliable results.

Mycoplasma testing kits are designed for accessibility and user-friendliness. They are accessible to a wide range of laboratories, including those with limited resources or expertise in molecular diagnostics. The user-friendly nature of these kits means that laboratories can quickly adopt mycoplasma testing as part of their routine protocols without the need for extensive training. This accessibility drives widespread adoption. Established manufacturers of mycoplasma testing kits and reagents adhere to stringent quality control measures during production. They ensure the consistent quality and performance of their products. Laboratories and biopharmaceutical companies rely on the consistent quality of kits and reagents to maintain the integrity of their testing processes. Consistency reduces the risk of false negatives or positives, crucial in critical applications like pharmaceutical manufacturing. Mycoplasma testing kits and reagents are versatile and can be applied to various sample types, including cell cultures, biopharmaceuticals, and clinical specimens. This versatility caters to the diverse needs of different industries and research areas. Laboratories and biotech companies can use the same kits for a range of applications, optimizing cost-effectiveness. Reputable manufacturers ensure that their mycoplasma testing kits and reagents comply with relevant regulatory standards, such as those set by the FDA and EMA. Regulatory compliance is paramount in industries like pharmaceuticals and biotechnology. Laboratories and companies can trust that these kits meet the necessary regulatory requirements, simplifying the validation and documentation processes. These factors are expected to drive the growth of this segment.

### Technology Insight

Based on the category of Technology, the PCR segment emerged as the dominant player in the global market for Mycoplasma Testing in 2022. PCR technology offers exceptional sensitivity and specificity in detecting mycoplasma DNA. It can identify even trace amounts of mycoplasma contamination with a high degree of accuracy. In industries like biopharmaceutical manufacturing, where product safety is paramount, the



ability to reliably detect low levels of mycoplasma contamination is crucial. PCR's sensitivity and specificity make it the preferred choice for such critical applications.

PCR-based mycoplasma testing provides rapid results, often within a few hours. This swift turnaround time is a significant advantage in maintaining production schedules and research timelines. Laboratories and biopharmaceutical companies can quickly assess the mycoplasma status of their samples, facilitating prompt decision-making and reducing the risk of contamination-related delays. PCR can be easily automated, allowing for high-throughput testing. Automated PCR systems can process a large number of samples simultaneously. In industries with high testing volumes, such as biopharmaceutical manufacturing, automation ensures efficiency and cost-effectiveness. It allows for comprehensive mycoplasma testing without significant increases in labor or time. PCR technology is versatile and can be applied to a wide range of sample types, including cell cultures, biopharmaceutical products, and clinical specimens. This versatility makes PCR suitable for various industries and research areas, reducing the need for multiple testing technologies. Laboratories can use PCR for different testing needs, simplifying their workflows.

PCR-based mycoplasma testing methods have undergone extensive validation and are widely accepted in regulated industries like pharmaceuticals and biotechnology. Regulatory agencies, such as the FDA and EMA, recognize the reliability of PCR for mycoplasma testing. Laboratories and companies can confidently use PCR methods, knowing they align with regulatory requirements. Ongoing investments in research and development have led to continuous improvements in PCR technology, enhancing its performance and reliability. The commitment to innovation ensures that PCR technology remains at the forefront of mycoplasma testing. Laboratories and companies benefit from access to advanced PCR solutions for their testing needs.

### Application Insight

Based on the category of Application, the cell line testing segment emerged as the dominant player in the global market for Mycoplasma Testing in 2022. Mycoplasma contamination poses a significant threat to biopharmaceutical manufacturing. It can compromise product safety and efficacy, leading to costly production delays and product recalls. Biopharmaceutical companies prioritize mycoplasma testing for their cell lines to ensure the integrity of their products. The consequences of contamination make cell line testing a non-negotiable step in manufacturing.

Regulatory agencies, including the FDA and EMA, have stringent guidelines for

mycoplasma testing in biopharmaceutical manufacturing. Compliance with these regulations is mandatory. To gain regulatory approval and maintain product quality, biopharmaceutical companies must conduct rigorous mycoplasma testing for cell lines. This requirement drives the demand for testing services and products in this segment. Mycoplasma contamination can skew research results and invalidate experiments, leading to wasted time and resources. Research laboratories, especially those working on cell-based experiments, prioritize mycoplasma testing to ensure the accuracy and reliability of their findings. Cell line testing is integral to maintaining research quality.

Detecting mycoplasma contamination early is crucial. It allows for prompt intervention and minimizes the risk of contamination spread. Cell line testing's ability to provide rapid results ensures timely detection and mitigation of mycoplasma contamination, preventing its escalation within manufacturing facilities and research environments. Mycoplasma contamination can lead to batch loss, production delays, and the need for costly decontamination procedures. Biopharmaceutical companies invest in routine cell line testing as a proactive measure to prevent contamination-related disruptions. This preventive approach safeguards production schedules and reduces financial losses.

### End-User Insights

The pharmaceutical and biotechnology companies' segment is projected to experience rapid growth during the forecast period. Pharmaceutical and biotechnology companies operate in highly regulated environments, with stringent quality control standards enforced by regulatory agencies like the FDA and EMA. Compliance with regulatory requirements is non-negotiable for these companies. Mycoplasma testing is a vital component of ensuring product safety, and failure to meet regulatory standards can result in product recalls and regulatory penalties.

Mycoplasma contamination poses a significant threat to biopharmaceutical manufacturing processes. It can compromise product quality, safety, and efficacy. Pharmaceutical and biotechnology companies prioritize mycoplasma testing to safeguard the integrity of their biologic products, which often represent substantial investments in research and development. Preventing contamination is crucial in maintaining production schedules and minimizing financial losses. Pharmaceutical and biotechnology companies invest heavily in research and development to discover and produce innovative drugs and biologics. Mycoplasma contamination can derail research efforts and render experimental results invalid. As a result, these companies integrate mycoplasma testing into their research workflows to ensure the accuracy and reliability of their findings. Detecting mycoplasma contamination early is essential for risk

mitigation. Early detection minimizes the risk of contamination spread and costly production disruptions. By conducting routine mycoplasma testing, pharmaceutical and biotechnology companies proactively identify and address contamination, reducing the risk of production delays, batch loss, and costly decontamination procedures. These factors collectively contribute to the growth of this segment.

## Regional Insights

North America emerged as the dominant player in the global Mycoplasma Testing market in 2022, holding the largest market share in terms of value. This region is poised to further bolster its market presence, attributed to its well-established healthcare sector and a growing prevalence of respiratory disorders. Additionally, the presence of multinational pharmaceutical and biotechnology corporations, along with escalated investments in research and development endeavors, is driving the region's continued expansion.

The Asia Pacific region is anticipated to experience a remarkable Compound Annual Growth Rate (CAGR). This growth can be attributed to the increasing healthcare expenditure and a growing demand for enhanced laboratory and clinical research infrastructure. Moreover, regulatory policies set forth by healthcare institutions, aimed at improving biosafety standards, are expected to create substantial growth prospects. Additionally, emerging markets like India are witnessing promising opportunities in this sector. The Indian government's proactive initiatives to stimulate research and innovation for the development of new medications are driving market expansion.

## Key Market Players

Agilent Technologies Inc

ATCC

Bionique Testing Laboratories Inc.

Charles River Laboratories International Inc.

Lonza Group Ltd

Merck KGaA

Bionique Testing Laboratories Inc.

PromoCell GmbH

Thermo Fisher Scientific Inc.

Sartorius AG

Report Scope:

In this report, the Global Mycoplasma Testing Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

Mycoplasma Testing Market, By Product:

Instruments

Kits and Reagents

Mycoplasma Testing Market, By Technology:

PCR

ELISA

Enzymatic Methods

DNA Staining

Other

Mycoplasma Testing Market, By Application:

Cell Line Testing

Bioproduction Testing

Other

### Mycoplasma Testing Market, By End-User:

Academic Research Institutes

Cell Banks

Contract Research Organizations

Pharmaceutical & Biotechnology Companies

Others

### Mycoplasma Testing Market, By Region:

North America

United States

Canada

Mexico

Europe

France

United Kingdom

Italy

Germany

Spain

Asia-Pacific

China

India

Japan

Australia

South Korea

South America

Brazil

Argentina

Colombia

Middle East & Africa

South Africa

Saudi Arabia

UAE

Kuwait

Turkey

Egypt

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Global Mycoplasma Testing Market.

Available Customizations:

Global Mycoplasma Testing market report with the given market data, Tech Sci

*Mycoplasma Testing Market – Global Industry Size, Share, Trends, Opportunity, & Forecast 2018-2028 Segmented B...*

Research offers customizations according to a company's specific needs. The following customization options are available for the report:

#### Company Information

Detailed analysis and profiling of additional market players (up to five).

## Contents

### **1. PRODUCT OVERVIEW**

- 1.1. Market Definition
- 1.2. Scope of the Market
  - 1.2.1. Markets Covered
  - 1.2.2. Years Considered for Study
  - 1.2.3. Key Market Segmentations

### **2. RESEARCH METHODOLOGY**

- 2.1. Objective of the Study
- 2.2. Baseline Methodology
- 2.3. Key Industry Partners
- 2.4. Major Association and Secondary Applications
- 2.5. Forecasting Methodology
- 2.6. Data Triangulation & Validation
- 2.7. Assumptions and Limitations

### **3. EXECUTIVE SUMMARY**

- 3.1. Overview of the Market
- 3.2. Overview of Key Market Segmentations
- 3.3. Overview of Key Market Players
- 3.4. Overview of Key Regions/Countries
- 3.5. Overview of Market Drivers, Challenges, Trends

### **4. VOICE OF CUSTOMER**

### **5. GLOBAL MYCOPLASMA TESTING MARKET OUTLOOK**

- 5.1. Market Size & Forecast
  - 5.1.1. By Value
- 5.2. Market Share & Forecast
  - 5.2.1. By Product (Instruments, Kits and Reagents)
  - 5.2.2. By Technology (PCR, ELISA, Enzymatic Methods, DNA Staining, Other)
  - 5.2.3. By Application (Cell Line Testing, Bioproduction Testing, Other)



5.2.4. By End-User (Academic Research Institutes, Cell Banks, Contract Research Organizations, Pharmaceutical & Biotechnology Companies, Others)

5.2.5. By Region

5.2.6. By Company (2022)

5.3. Market Map

## **6. NORTH AMERICA MYCOPLASMA TESTING MARKET OUTLOOK**

6.1. Market Size & Forecast

6.1.1. By Value

6.2. Market Share & Forecast

6.2.1. By Product

6.2.2. By Technology

6.2.3. By Application

6.2.4. By End User

6.2.5. By Country

6.3. North America: Country Analysis

6.3.1. United States Mycoplasma Testing Market Outlook

6.3.1.1. Market Size & Forecast

6.3.1.1.1. By Value

6.3.1.2. Market Share & Forecast

6.3.1.2.1. By Product

6.3.1.2.2. By Technology

6.3.1.2.3. By Application

6.3.1.2.4. By End User

6.3.2. Canada Mycoplasma Testing Market Outlook

6.3.2.1. Market Size & Forecast

6.3.2.1.1. By Value

6.3.2.2. Market Share & Forecast

6.3.2.2.1. By Product

6.3.2.2.2. By Technology

6.3.2.2.3. By Application

6.3.2.2.4. By End User

6.3.3. Mexico Mycoplasma Testing Market Outlook

6.3.3.1. Market Size & Forecast

6.3.3.1.1. By Value

6.3.3.2. Market Share & Forecast

6.3.3.2.1. By Product

6.3.3.2.2. By Technology

- 6.3.3.2.3. By Application
- 6.3.3.2.4. By End User

## **7. EUROPE MYCOPLASMA TESTING MARKET OUTLOOK**

### 7.1. Market Size & Forecast

- 7.1.1. By Value

### 7.2. Market Share & Forecast

- 7.2.1. By Product
- 7.2.2. By Technology
- 7.2.3. By Application
- 7.2.4. By End User

### 7.3. Europe: Country Analysis

#### 7.3.1. Germany Mycoplasma Testing Market Outlook

##### 7.3.1.1. Market Size & Forecast

- 7.3.1.1.1. By Value

##### 7.3.1.2. Market Share & Forecast

- 7.3.1.2.1. By Product
- 7.3.1.2.2. By Technology
- 7.3.1.2.3. By Application
- 7.3.1.2.4. By End User

#### 7.3.2. United Kingdom Mycoplasma Testing Market Outlook

##### 7.3.2.1. Market Size & Forecast

- 7.3.2.1.1. By Value

##### 7.3.2.2. Market Share & Forecast

- 7.3.2.2.1. By Product
- 7.3.2.2.2. By Technology
- 7.3.2.2.3. By Application
- 7.3.2.2.4. By End User

#### 7.3.3. Italy Mycoplasma Testing Market Outlook

##### 7.3.3.1. Market Size & Forecast

- 7.3.3.1.1. By Value

##### 7.3.3.2. Market Share & Forecast

- 7.3.3.2.1. By Product
- 7.3.3.2.2. By Technology
- 7.3.3.2.3. By Application
- 7.3.3.2.4. By End User

#### 7.3.4. France Mycoplasma Testing Market Outlook

##### 7.3.4.1. Market Size & Forecast

- 7.3.4.1.1. By Value
- 7.3.4.2. Market Share & Forecast
  - 7.3.4.2.1. By Product
  - 7.3.4.2.2. By Technology
  - 7.3.4.2.3. By Application
  - 7.3.4.2.4. By End User
- 7.3.5. Spain Mycoplasma Testing Market Outlook
  - 7.3.5.1. Market Size & Forecast
    - 7.3.5.1.1. By Value
  - 7.3.5.2. Market Share & Forecast
    - 7.3.5.2.1. By Product
    - 7.3.5.2.2. By Technology
    - 7.3.5.2.3. By Application
    - 7.3.5.2.4. By End User

## **8. ASIA-PACIFIC MYCOPLASMA TESTING MARKET OUTLOOK**

- 8.1. Market Size & Forecast
  - 8.1.1. By Value
- 8.2. Market Share & Forecast
  - 8.2.1. By Product
  - 8.2.2. By Technology
  - 8.2.3. By Application
  - 8.2.4. By End User
- 8.3. Asia-Pacific: Country Analysis
  - 8.3.1. China Mycoplasma Testing Market Outlook
    - 8.3.1.1. Market Size & Forecast
      - 8.3.1.1.1. By Value
    - 8.3.1.2. Market Share & Forecast
      - 8.3.1.2.1. By Product
      - 8.3.1.2.2. By Technology
      - 8.3.1.2.3. By Application
      - 8.3.1.2.4. By End User
  - 8.3.2. India Mycoplasma Testing Market Outlook
    - 8.3.2.1. Market Size & Forecast
      - 8.3.2.1.1. By Value
    - 8.3.2.2. Market Share & Forecast
      - 8.3.2.2.1. By Product
      - 8.3.2.2.2. By Technology

- 8.3.2.2.3. By Application
- 8.3.2.2.4. By End User
- 8.3.3. Japan Mycoplasma Testing Market Outlook
  - 8.3.3.1. Market Size & Forecast
    - 8.3.3.1.1. By Value
  - 8.3.3.2. Market Share & Forecast
    - 8.3.3.2.1. By Product
    - 8.3.3.2.2. By Technology
    - 8.3.3.2.3. By Application
    - 8.3.3.2.4. By End User
- 8.3.4. South Korea Mycoplasma Testing Market Outlook
  - 8.3.4.1. Market Size & Forecast
    - 8.3.4.1.1. By Value
  - 8.3.4.2. Market Share & Forecast
    - 8.3.4.2.1. By Product
    - 8.3.4.2.2. By Technology
    - 8.3.4.2.3. By Application
    - 8.3.4.2.4. By End User
- 8.3.5. Australia Mycoplasma Testing Market Outlook
  - 8.3.5.1. Market Size & Forecast
    - 8.3.5.1.1. By Value
  - 8.3.5.2. Market Share & Forecast
    - 8.3.5.2.1. By Product
    - 8.3.5.2.2. By Technology
    - 8.3.5.2.3. By Application
    - 8.3.5.2.4. By End User

## **9. SOUTH AMERICA MYCOPLASMA TESTING MARKET OUTLOOK**

- 9.1. Market Size & Forecast
  - 9.1.1. By Value
- 9.2. Market Share & Forecast
  - 9.2.1. By Product
  - 9.2.2. By Technology
  - 9.2.3. By Application
  - 9.2.4. By End User
- 9.3. South America: Country Analysis
  - 9.3.1. Brazil Mycoplasma Testing Market Outlook
    - 9.3.1.1. Market Size & Forecast

- 9.3.1.1.1. By Value
- 9.3.1.2. Market Share & Forecast
  - 9.3.1.2.1. By Product
  - 9.3.1.2.2. By Technology
  - 9.3.1.2.3. By Application
  - 9.3.1.2.4. By End User
- 9.3.2. Argentina Mycoplasma Testing Market Outlook
  - 9.3.2.1. Market Size & Forecast
    - 9.3.2.1.1. By Value
  - 9.3.2.2. Market Share & Forecast
    - 9.3.2.2.1. By Product
    - 9.3.2.2.2. By Technology
    - 9.3.2.2.3. By Application
    - 9.3.2.2.4. By End User
- 9.3.3. Colombia Mycoplasma Testing Market Outlook
  - 9.3.3.1. Market Size & Forecast
    - 9.3.3.1.1. By Value
  - 9.3.3.2. Market Share & Forecast
    - 9.3.3.2.1. By Product
    - 9.3.3.2.2. By Technology
    - 9.3.3.2.3. By Application
    - 9.3.3.2.4. By End User

## **10. MIDDLE EAST AND AFRICA MYCOPLASMA TESTING MARKET OUTLOOK**

- 10.1. Market Size & Forecast
  - 10.1.1. By Value
- 10.2. Market Share & Forecast
  - 10.2.1. By Product
  - 10.2.2. By Technology
  - 10.2.3. By Application
  - 10.2.4. By End User
- 10.3. MEA: Country Analysis
  - 10.3.1. South Africa Mycoplasma Testing Market Outlook
    - 10.3.1.1. Market Size & Forecast
      - 10.3.1.1.1. By Value
    - 10.3.1.2. Market Share & Forecast
      - 10.3.1.2.1. By Product
      - 10.3.1.2.2. By Technology

- 10.3.1.2.3. By Application
- 10.3.1.2.4. By End User
- 10.3.2. Saudi Arabia Mycoplasma Testing Market Outlook
  - 10.3.2.1. Market Size & Forecast
    - 10.3.2.1.1. By Value
  - 10.3.2.2. Market Share & Forecast
    - 10.3.2.2.1. By Product
    - 10.3.2.2.2. By Technology
    - 10.3.2.2.3. By Application
    - 10.3.2.2.4. By End User
- 10.3.3. UAE Mycoplasma Testing Market Outlook
  - 10.3.3.1. Market Size & Forecast
    - 10.3.3.1.1. By Value
  - 10.3.3.2. Market Share & Forecast
    - 10.3.3.2.1. By Product
    - 10.3.3.2.2. By Technology
    - 10.3.3.2.3. By Application
    - 10.3.3.2.4. By End User

## **11. MARKET DYNAMICS**

- 11.1. Drivers & Challenges

## **12. MARKET TRENDS & DEVELOPMENTS**

- 12.1. Recent Developments
- 12.2. Product Launches
- 12.3. Mergers & Acquisitions

## **13. GLOBAL MYCOPLASMA TESTING MARKET: SWOT ANALYSIS**

## **14. COMPETITIVE LANDSCAPE**

- 14.1. Agilent Technologies Inc
- 14.2. ATCC
- 14.3. Bionique Testing Laboratories Inc.
- 14.4. Charles River Laboratories International Inc.
- 14.5. Lonza Group Ltd

- 14.6. Merck KGaA
- 14.7. Bionique Testing Laboratories Inc.
- 14.8. PromoCell GmbH
- 14.9. Thermo Fisher Scientific Inc.
- 14.10. Sartorius AG

## **15. STRATEGIC RECOMMENDATIONS**

## **16. ABOUT US & DISCLAIMER**

## I would like to order

Product name: Mycoplasma Testing Market – Global Industry Size, Share, Trends, Opportunity, & Forecast 2018-2028 Segmented By Product (Instruments, Kits and Reagents), By Technology (PCR, ELISA, Enzymatic Methods, DNA Staining, Other), By Application (Cell Line Testing, Bioproduction Testing, Other), By Region, Competition

Product link: <https://marketpublishers.com/r/M3271BF1897DEN.html>

Price: US\$ 4,900.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/M3271BF1897DEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>



To place an order via fax simply print this form, fill in the information below  
and fax the completed form to +44 20 7900 3970