

Legionella Testing Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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Abstracts

Market Overview:

The global legionella testing market size reached US\$ 285.5 Million in 2022. Looking forward, IMARC Group expects the market to reach US\$ 455.6 Million by 2028, exhibiting a growth rate (CAGR) of 8% during 2023-2028.

Legionella is an infection affecting the lower respiratory tract, which can lead to severe pneumonia, Pontiac fever, and illness with flu-like symptoms. Its testing helps to identify the existence of bacteria or antigens in blood, urine, and sputum. Presently, various testing methods are available to diagnose Legionella disease, including urinary antigen, paired serology, Polymerase Chain Reaction (PCR), Direct Fluorescent Antibody (DFA) stain, and culture of lower respiratory secretions. As per the testing results, macrolides, quinolones, tetracycline, doxycycline, minocycline, trimethoprim and other antibiotic treatments are usually administered to patients.

Global Legionella Testing Market Trends:

Adults over the age of 50 years are more likely to develop Legionella. Consequently, the increasing geriatric population worldwide represents one of the major factors influencing the market positively. Moreover, the rising number of individuals who smoke and have cancer, diabetes, kidney disease, human immunodeficiency virus (HIV), or other chronic illnesses are at the risk of infection and hospitalization. Since the mortality rate of Legionella is high, there is an increase in the demand for its effective diagnostic tests and treatments. Besides this, Legionella-causing bacteria are majorly found in different natural and artificial aquatic environments, such as cooling towers, respiratory therapy

equipment, fountains, misting devices, spa pools, and water systems in hotels, homes, and factories. As a result, health agencies of numerous countries are developing an effective water safety plan (WSP) to minimize the proliferation of Legionella in the water. This, in turn, is escalating the demand for Legionella testing in workplace buildings to comply with the legislation. Furthermore, recent clinical trials on diagnostic and treatment strategies for adult patients with community-acquired pneumonia are contributing to the growth of the market.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global legionella testing market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on application and end user.

Breakup by Application:

- Water Testing
 - Microbial Culture
 - DFA Stain
 - PCR
 - Others
- IVD Testing
 - Blood Culture
 - Urine Antigen Test
 - DFA Stain
 - PCR
 - Others

Breakup by End User:

- Diagnostic Laboratories
- Hospital and Clinics
- Others

Breakup by Region:

- Europe
 - Italy
 - Germany

France
Spain
United Kingdom
Russia
Others
North America
United States
Canada
Asia Pacific
China
Japan
Australia
South Korea
Indonesia
Singapore
Others
Latin America
Brazil
Mexico
Others
Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined with some of the key players being Abbott Laboratories, Becton, Dickinson and Company, BioMérieux SA, Bio-Rad Laboratories Inc, Eiken Chemical Co. Ltd, Quidel Corporation, Takara Bio Inc., and Thermo Fisher Scientific Inc.

Key Questions Answered in This Report

1. What was the size of the global legionella testing market in 2022?
2. What is the expected growth rate of the global legionella testing market during 2023-2028?
3. What are the key factors driving the global legionella testing market?
4. What has been the impact of COVID-19 on the global legionella testing market?
5. What is the breakup of the global legionella testing market based on the application?
6. What is the breakup of the global legionella testing market based on the end user?
7. What are the key regions in the global legionella testing market?
8. Who are the key players/companies in the global legionella testing market?

Contents

1 PREFACE

2 SCOPE AND METHODOLOGY

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
 - 2.3.1 Primary Sources
 - 2.3.2 Secondary Sources
- 2.4 Market Estimation
 - 2.4.1 Bottom-Up Approach
 - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

3 EXECUTIVE SUMMARY

4 INTRODUCTION

- 4.1 Overview
- 4.2 Key Industry Trends

5 GLOBAL LEGIONELLA TESTING MARKET

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Forecast

6 MARKET BREAKUP BY APPLICATION

- 6.1 Water Testing
 - 6.1.1 Market Trends
 - 6.1.2 Market Breakup by Type
 - 6.1.2.1 Microbial Culture
 - 6.1.2.2 DFA Stain
 - 6.1.2.3 PCR
 - 6.1.2.4 Others

- 6.1.3 Market Forecast
- 6.2 IVD Testing
 - 6.2.1 Market Trends
 - 6.2.2 Market Breakup by Type
 - 6.2.2.1 Blood Culture
 - 6.2.2.2 Urine Antigen Test
 - 6.2.2.3 DFA Stain
 - 6.2.2.4 PCR
 - 6.2.2.5 Others
 - 6.2.3 Market Forecast

7 MARKET BREAKUP BY END USER

- 7.1 Diagnostic Laboratories
 - 7.1.1 Market Trends
 - 7.1.2 Market Forecast
- 7.2 Hospital and Clinics
 - 7.2.1 Market Trends
 - 7.2.2 Market Forecast
- 7.3 Others
 - 7.3.1 Market Trends
 - 7.3.2 Market Forecast

8 MARKET BREAKUP BY REGION

- 8.1 Europe
 - 8.1.1 Italy
 - 8.1.1.1 Market Trends
 - 8.1.1.2 Market Forecast
 - 8.1.2 Germany
 - 8.1.2.1 Market Trends
 - 8.1.2.2 Market Forecast
 - 8.1.3 France
 - 8.1.3.1 Market Trends
 - 8.1.3.2 Market Forecast
 - 8.1.4 Spain
 - 8.1.4.1 Market Trends
 - 8.1.4.2 Market Forecast
 - 8.1.5 United Kingdom

- 8.1.5.1 Market Trends
- 8.1.5.2 Market Forecast
- 8.1.6 Russia
 - 8.1.6.1 Market Trends
 - 8.1.6.2 Market Forecast
- 8.1.7 Others
 - 8.1.7.1 Market Trends
 - 8.1.7.2 Market Forecast
- 8.2 North America
 - 8.2.1 United States
 - 8.2.1.1 Market Trends
 - 8.2.1.2 Market Forecast
 - 8.2.2 Canada
 - 8.2.2.1 Market Trends
 - 8.2.2.2 Market Forecast
- 8.3 Asia Pacific
 - 8.3.1 China
 - 8.3.1.1 Market Trends
 - 8.3.1.2 Market Forecast
 - 8.3.2 Japan
 - 8.3.2.1 Market Trends
 - 8.3.2.2 Market Forecast
 - 8.3.3 Australia
 - 8.3.3.1 Market Trends
 - 8.3.3.2 Market Forecast
 - 8.3.4 South Korea
 - 8.3.4.1 Market Trends
 - 8.3.4.2 Market Forecast
 - 8.3.5 Indonesia
 - 8.3.5.1 Market Trends
 - 8.3.5.2 Market Forecast
 - 8.3.6 Singapore
 - 8.3.6.1 Market Trends
 - 8.3.6.2 Market Forecast
 - 8.3.7 Others
 - 8.3.7.1 Market Trends
 - 8.3.7.2 Market Forecast
- 8.4 Latin America
 - 8.4.1 Brazil

- 8.4.1.1 Market Trends
- 8.4.1.2 Market Forecast
- 8.4.2 Mexico
 - 8.4.2.1 Market Trends
 - 8.4.2.2 Market Forecast
- 8.4.3 Others
 - 8.4.3.1 Market Trends
 - 8.4.3.2 Market Forecast
- 8.5 Middle East and Africa
 - 8.5.1 Market Trends
 - 8.5.2 Market Breakup by Country
 - 8.5.3 Market Forecast

9 SWOT ANALYSIS

- 9.1 Overview
- 9.2 Strengths
- 9.3 Weakness
- 9.4 Opportunities
- 9.5 Threats

10 VALUE CHAIN ANALYSIS

11 PORTER'S FIVE FORCES ANALYSIS

- 11.1 Overview
- 11.2 Bargaining Power of Buyers
- 11.3 Bargaining Power of Suppliers
- 11.4 Degree of Competition
- 11.5 Threat of New Entrants
- 11.6 Threat of Substitutes

12 PRICE ANALYSIS

13 COMPETITIVE LANDSCAPE

- 13.1 Market Structure
- 13.2 Key Players
- 13.3 Profiles of Key Players

- 13.3.1 Abbott Laboratories
 - 13.3.1.1 Company Overview
 - 13.3.1.2 Product Portfolio
 - 13.3.1.3 Financials
 - 13.3.1.4 SWOT Analysis
- 13.3.2 Becton, Dickinson and Company
 - 13.3.2.1 Company Overview
 - 13.3.2.2 Product Portfolio
 - 13.3.2.3 Financials
 - 13.3.2.4 SWOT Analysis
- 13.3.3 BioMérieux SA
 - 13.3.3.1 Company Overview
 - 13.3.3.2 Product Portfolio
 - 13.3.3.3 Financials
 - 13.3.3.4 SWOT Analysis
- 13.3.4 Bio-Rad Laboratories Inc
 - 13.3.4.1 Company Overview
 - 13.3.4.2 Product Portfolio
 - 13.3.4.3 Financials
 - 13.3.4.4 SWOT Analysis
- 13.3.5 Eiken Chemical Co. Ltd
 - 13.3.5.1 Company Overview
 - 13.3.5.2 Product Portfolio
 - 13.3.5.3 Financials
- 13.3.6 Quidel Corporation
 - 13.3.6.1 Company Overview
 - 13.3.6.2 Product Portfolio
 - 13.3.6.3 Financials
 - 13.3.6.4 SWOT Analysis
- 13.3.7 Takara Bio Inc.
 - 13.3.7.1 Company Overview
 - 13.3.7.2 Product Portfolio
 - 13.3.7.3 Financials
- 13.3.8 Thermo Fisher Scientific Inc.
 - 13.3.8.1 Company Overview
 - 13.3.8.2 Product Portfolio
 - 13.3.8.3 Financials
 - 13.3.8.4 SWOT Analysis

List Of Tables

LIST OF TABLES

Table 1: Global: Legionella Testing Market: Key Industry Highlights, 2022 and 2028

Table 2: Global: Legionella Testing Market: Breakup by Application (in Million US\$), 2017 & 2022

Table 3: Global: Legionella Testing Market Forecast: Breakup by Application (in Million US\$), 2023-2028

Table 4: Global: Legionella Testing Market: Breakup by End User (in Million US\$), 2017 & 2022

Table 5: Global: Legionella Testing Market Forecast: Breakup by End User (in Million US\$), 2023-2028

Table 6: Global: Legionella Testing Market: Breakup by Region (in Million US\$), 2017 & 2022

Table 7: Global: Legionella Testing Market Forecast: Breakup by Region (in Million US\$), 2023-2028

Table 8: Global: Legionella Testing Industry: Key Price Indicator

Table 9: Global: Legionella Testing Market: Competitive Structure

Table 10: Global: Legionella Testing Market: Key Players

List Of Figures

LIST OF FIGURES

Figure 1: Global: Legionella Testing Market: Major Drivers and Challenges

Figure 2: Global: Legionella Testing Market: Sales Value (in Million US\$), 2017-2022

Figure 3: Global: Legionella Testing Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 4: Global: Legionella Testing Market: Breakup by Application (in %), 2022

Figure 5: Global: Legionella Testing (Water Testing) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 6: Global: Legionella Testing Market for Water Testing: Breakup by Type (in %), 2022

Figure 7: Global: Legionella Testing (Water Testing) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 8: Global: Legionella Testing (IVD Testing) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 9: Global: Legionella Testing Market for IVD Testing: Breakup by Type (in %), 2022

Figure 10: Global: Legionella Testing (IVD Testing) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 11: Global: Legionella Testing Market: Breakup by End User (in %), 2022

Figure 12: Global: Legionella Testing (Diagnostic Laboratory) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 13: Global: Legionella Testing (Diagnostic Laboratory) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 14: Global: Legionella Testing (Hospitals and Clinics) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 15: Global: Legionella Testing (Hospitals and Clinics) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 16: Global: Legionella Testing (Other End Users) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 17: Global: Legionella Testing (Other End Users) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 18: Global: Legionella Testing Market: Breakup by Region (in %), 2022

Figure 19: Europe: Legionella Testing Market: Sales Value (in Million US\$), 2017 & 2022

Figure 20: Europe: Legionella Testing Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 21: Europe: Legionella Testing Market: Breakup by Country (in %), 2022

Figure 22: Italy: Legionella Testing Market: Sales Value (in Million US\$), 2017 & 2022

Figure 23: Italy: Legionella Testing Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 24: Germany: Legionella Testing Market: Sales Value (in Million US\$), 2017 & 2022

Figure 25: Germany: Legionella Testing Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 26: France: Legionella Testing Market: Sales Value (in Million US\$), 2017 & 2022

Figure 27: France: Legionella Testing Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 28: Spain: Legionella Testing Market: Sales Value (in Million US\$), 2017 & 2022

Figure 29: Spain: Legionella Testing Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 30: United Kingdom: Legionella Testing Market: Sales Value (in Million US\$), 2017 & 2022

Figure 31: United Kingdom: Legionella Testing Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 32: Russia: Legionella Testing Market: Sales Value (in Million US\$), 2017 & 2022

Figure 33: Russia: Legionella Testing Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 34: Others: Legionella Testing Market: Sales Value (in Million US\$), 2017 & 2022

Figure 35: Others: Legionella Testing Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 36: North America: Legionella Testing Market: Sales Value (in Million US\$), 2017 & 2022

Figure 37: North America: Legionella Testing Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 38: North America: Legionella Testing Market: Breakup by Country (in %), 2022

Figure 39: United States: Legionella Testing Market: Sales Value (in Million US\$), 2017 & 2022

Figure 40: United States: Legionella Testing Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 41: Canada: Legionella Testing Market: Sales Value (in Million US\$), 2017 & 2022

Figure 42: Canada: Legionella Testing Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 43: Asia Pacific: Legionella Testing Market: Sales Value (in Million US\$), 2017 & 2022

Figure 44: Asia Pacific: Legionella Testing Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 45: Asia Pacific: Legionella Testing Market: Breakup by Country (in %), 2022

Figure 46: China: Legionella Testing Market: Sales Value (in Million US\$), 2017 & 2022

Figure 47: China: Legionella Testing Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 48: Japan: Legionella Testing Market: Sales Value (in Million US\$), 2017 & 2022

Figure 49: Japan: Legionella Testing Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 50: Australia: Legionella Testing Market: Sales Value (in Million US\$), 2017 & 2022

Figure 51: Australia: Legionella Testing Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 52: South Korea: Legionella Testing Market: Sales Value (in Million US\$), 2017 & 2022

Figure 53: South Korea: Legionella Testing Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 54: Indonesia: Legionella Testing Market: Sales Value (in Million US\$), 2017 & 2022

Figure 55: Indonesia: Legionella Testing Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 56: Singapore: Legionella Testing Market: Sales Value (in Million US\$), 2017 & 2022

Figure 57: Singapore: Legionella Testing Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 58: Others: Legionella Testing Market: Sales Value (in Million US\$), 2017 & 2022

Figure 59: Others: Legionella Testing Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 60: Latin America: Legionella Testing Market: Sales Value (in Million US\$), 2017 & 2022

Figure 61: Latin America: Legionella Testing Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 62: Latin America: Legionella Testing Market: Breakup by Country (in %), 2022

Figure 63: Brazil: Legionella Testing Market: Sales Value (in Million US\$), 2017 & 2022

Figure 64: Brazil: Legionella Testing Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 65: Mexico: Legionella Testing Market: Sales Value (in Million US\$), 2017 &

2022

Figure 66: Mexico: Legionella Testing Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 67: Others: Legionella Testing Market: Sales Value (in Million US\$), 2017 & 2022

Figure 68: Others: Legionella Testing Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 69: Middle East and Africa: Legionella Testing Market: Sales Value (in Million US\$), 2017 & 2022

Figure 70: Middle East and Africa: Legionella Testing Market: Breakup by Country (in %), 2022

Figure 71: Middle East and Africa: Legionella Testing Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 72: Global: Legionella Testing Industry: SWOT Analysis

Figure 73: Global: Legionella Testing Industry: Value Chain Analysis

Figure 74: Global: Legionella Testing Industry: Porter's Five Forces Analysis

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