

# **Autoimmune Disease Diagnostics Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, 2018-2028 Segmented By Product (Reagents, Kits, Assays, Instruments), By Test Type (Antinuclear Antibody Tests, Autoantibody Tests, C-reactive Protein, Complete Blood Count, Urinalysis), By Disease Type (Systemic, Localized), By End User (Hospitals, Diagnostic Labs, Research Institutes), By Region and Competition**

<https://marketpublishers.com/r/A055108F0342EN.html>

Date: October 2023

Pages: 189

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

ID: A055108F0342EN

## **Abstracts**

The Global Autoimmune Disease Diagnostics Market was valued at USD 5.02 Billion in 2022 and is expected to exhibit strong growth throughout the forecast period, projecting a Compound Annual Growth Rate (CAGR) of 6.37% and expected to reach USD 7.28 Billion through 2028. Autoimmune disease (AD) is a non-communicable ailment characterized by the disruption of healthy immunological equilibrium, leading to aberrant reactions in affected tissue cells. Inflammation, autoantibodies, and activated T cells are pivotal in the development of autoimmune disorders. While immune cells typically recognize and combat external agents like bacteria and viruses, autoimmune diseases lead to the immune system erroneously attacking the body itself. Some autoimmune conditions specifically target particular organs. Globally, almost 80 types of autoimmune diseases exist, including systemic lupus erythematosus and rheumatoid arthritis. The American Autoimmune Related Diseases Association (AARDA) reveals that up to 50 million Americans suffer from autoimmune diseases, with females constituting 75% of the cases. Diagnostic tests for autoimmune diseases encompass autoantibody tests, antinuclear antibody tests, complete blood count, C-reactive protein, and erythrocyte sedimentation rate.

## Key Market Drivers

### Growing Awareness of Autoimmune Diseases

Stress, genetic mutations, unhealthy eating habits, and environmental factors contribute significantly to autoimmune disease development. The global prevalence of autoimmune diseases has led to an increased demand for autoimmune disease diagnostics. For instance, the 2020 CDC National Diabetes Statistics Report states that approximately 1.4 million Americans have Type-1 diabetes, with projections indicating a rise to 2.1 million by 2040. Heightened awareness efforts by public and private organizations have contributed to increased knowledge of autoimmune diseases. Organizations like the Autoimmune Association (U.S.) conduct awareness campaigns to disseminate information about these disorders. Early autoimmune disease diagnosis is pivotal in minimizing disability, morbidity, and mortality rates, driving the autoimmune disease diagnostics market's growth.

### Increasing Incidence of Autoimmune Diseases

The increasing prevalence of autoimmune diseases, such as Inflammatory Bowel Disease (IBD) and rheumatoid arthritis, is expected to significantly impact the autoimmune disease diagnostics market. As more individuals are affected, there is a greater emphasis on early detection and diagnosis. This timely diagnosis is crucial for initiating appropriate treatment and management strategies. The higher incidence of different autoimmune diseases necessitates a diverse array of diagnostic tests that can accurately differentiate between these conditions. These developments contribute to the demand for a comprehensive diagnostic toolkit to address diverse disease presentations.

### Improvement in Diagnostic Techniques

Technological advancements have enabled the simultaneous identification and measurement of multiple autoantibodies. Techniques like antigen microarrays and mass spectrometry offer increased sensitivity in detecting specific antibodies or biomarkers associated with autoimmune diseases. These advancements allow for more precise and early detection. Automation of laboratories and the replacement of conventional technologies contribute to the expansion of the global autoimmune disease diagnostics market.

## Key Market Challenges

### Need for Multiple Diagnostic Tests and Prolonged Turnaround Time

Detecting autoimmune diseases is time-consuming, involving various testing scenarios like serum testing for rheumatoid arthritis, Addison's disease, and Hashimoto's disease. Multiple laboratory tests are necessary due to no single test reliably detecting a specific autoimmune disease with high accuracy. These tests may include a complete metabolic panel, blood count report, serologies, flow cytometry, and HLA typing. Turnaround times for these tests can be extended, impeding prompt diagnosis. Moreover, high test costs and reimbursement issues are challenges. The lack of skilled professionals also impacts the market.

### Limited Penetration in Developing Regions

While autoimmune diseases' prevalence is rising, limited product penetration restricts market expansion. Developing markets lack surveillance and databases for emerging diseases like IBD. Epidemiological data and access to efficient diagnostics are limited. Lack of awareness hampers appointments, impeding market growth in emerging countries.

## Key Market Trends

### Innovative Autoimmune Disease Detection Approaches

The demand for accurate diagnosis fosters a competitive landscape, encouraging new players. Competitive pricing among established leaders is encouraged, and the Asia-Pacific region offers potential due to untapped growth and an expanding patient population. Research studies present revenue opportunities, and awareness efforts create room for unique diagnostic techniques' development. Automation and conventional technology replacement contribute to market expansion.

### Point-of-Care and Home Testing

Demand for convenient and rapid diagnostics could drive point-of-care and home testing kits' development. Patients can monitor their conditions conveniently, aiding quicker treatment decisions. Home testing reduces healthcare facility burden and allows patients to play a more active role in their healthcare.

## Segmental Insights

### Disease Type

Localized disease diagnostics dominated the market due to large procedure volumes and relatively higher patient awareness. Systemic disease diagnostics are projected to grow rapidly, fueled by favorable government initiatives and increased awareness.

### Product

The reagents, assays, and kits segment is expected to hold the largest market share by 2023, driven by high diagnosis rates and recurring purchases in developed countries.

## Regional Insights

### Asia-Pacific

The Asia-Pacific region is poised for high growth due to increasing autoimmune disease prevalence, unhealthy lifestyles, government initiatives, and research investments. Psoriasis cases in India are projected to rise, contributing to the region's growing prevalence.

## Conclusion

The Global Autoimmune Disease Diagnostics Market is experiencing growth due to rising awareness, increasing autoimmune disease incidence, diagnostic improvements, and innovative approaches. Challenges include the need for multiple tests, extended turnaround time, limited penetration in developing regions, and a shortage of skilled professionals. Trends include innovative detection methods and point-of-care/home testing. Disease type, product, and regional factors are influencing market dynamics. The Asia-Pacific region holds potential due to expanding autoimmune disease prevalence. Overall, the autoimmune disease diagnostics market is set to grow with a focus on early diagnosis and improved testing techniques.

## Key Market Players

Siemens Healthcare Private Limited

bioMérieux SA

Bio-rad Laboratories

Beckman Coulter, Inc.

F. Hoffmann-la Roche

Inova Diagnostics, Inc.

Myriad Genetics, Inc.

Thermo Fisher Scientific

Trinity Biotech Plc.

Hemagen Diagnostics, Inc.

#### Report Scope:

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

#### Autoimmune Disease Diagnostics Market, By Product:

Reagents

Kits

Assays

Instruments

#### Autoimmune Disease Diagnostics Market, By Test Type:

Antinuclear Antibody Tests

Autoantibody Tests

C-reactive Protein

Complete Blood Count

Urinalysis

Autoimmune Disease Diagnostics Market, By Disease Type:

Systemic

Localized

Autoimmune Disease Diagnostics Market, By End User:

Hospitals

Diagnostic Labs

Research Institutes

Autoimmune Disease Diagnostics 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 Autoimmune Disease Diagnostics Market.

## Available Customizations:

Global Autoimmune Disease Diagnostics market report with the given market data, Tech Sci 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

### 2. RESEARCH METHODOLOGY

### 3. EXECUTIVE SUMMARY

### 4. VOICE OF CUSTOMER

### 5. GLOBAL AUTOIMMUNE DISEASE DIAGNOSTICS MARKET OUTLOOK

#### 5.1. Market Size & Forecast

##### 5.1.1. By Value

#### 5.2. Market Share & Forecast

##### 5.2.1. By Product (Reagents, Kits, Assays, Instruments)

##### 5.2.2. By Test Type (Antinuclear Antibody Tests, Autoantibody Tests, C-reactive Protein, Complete Blood Count, Urinalysis)

##### 5.2.3. By Disease Type (Systemic, Localized)

##### 5.2.4. By End User (Hospitals, Diagnostic Labs, Research Institutes),

##### 5.2.5. By Region

##### 5.2.6. By Company (2022)

#### 5.3. Market Map

### 6. NORTH AMERICA AUTOIMMUNE DISEASE DIAGNOSTICS 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 Test Type

##### 6.2.3. By Disease Type

##### 6.2.4. By End User

##### 6.2.5. By Country

#### 6.3. North America: Country Analysis

### 6.3.1. United States Autoimmune Disease Diagnostics 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 Test Type

##### 6.3.1.2.3. By Disease Type

##### 6.3.1.2.4. By End User

### 6.3.2. Canada Autoimmune Disease Diagnostics 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 Test Type

##### 6.3.2.2.3. By Disease Type

##### 6.3.2.2.4. By End User

### 6.3.3. Mexico Autoimmune Disease Diagnostics 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 Test Type

##### 6.3.3.2.3. By Disease Type

##### 6.3.3.2.4. By End User

## **7. EUROPE AUTOIMMUNE DISEASE DIAGNOSTICS 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 Test Type

#### 7.2.3. By Disease Type

#### 7.2.4. By End User

### 7.3. Europe: Country Analysis

#### 7.3.1. Germany Autoimmune Disease Diagnostics 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 Test Type
- 7.3.1.2.3. By Disease Type
- 7.3.1.2.4. By End User
- 7.3.2. United Kingdom Autoimmune Disease Diagnostics 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 Test Type
    - 7.3.2.2.3. By Disease Type
    - 7.3.2.2.4. By End User
- 7.3.3. Italy Autoimmune Disease Diagnostics Market Outlook
  - 7.3.3.1. Market Size & Forecast
    - 7.3.3.1.1. By Value
  - 7.3.3.2. Market Share & Forecasty
    - 7.3.3.2.1. By Product
    - 7.3.3.2.2. By Test Type
    - 7.3.3.2.3. By Disease Type
    - 7.3.3.2.4. By End User
- 7.3.4. France Autoimmune Disease Diagnostics 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 Test Type
    - 7.3.4.2.3. By Disease Type
    - 7.3.4.2.4. By End User
- 7.3.5. Spain Autoimmune Disease Diagnostics 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 Test Type
    - 7.3.5.2.3. By Disease Type
    - 7.3.5.2.4. By End User

## **8. ASIA-PACIFIC AUTOIMMUNE DISEASE DIAGNOSTICS 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 Test Type
  - 8.2.3. By Disease Type
  - 8.2.4. By End User
- 8.3. Asia-Pacific: Country Analysis
  - 8.3.1. China Autoimmune Disease Diagnostics 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 Test Type
      - 8.3.1.2.3. By Disease Type
      - 8.3.1.2.4. By End User
  - 8.3.2. India Autoimmune Disease Diagnostics 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 Test Type
      - 8.3.2.2.3. By Disease Type
      - 8.3.2.2.4. By End User
  - 8.3.3. Japan Autoimmune Disease Diagnostics 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 Test Type
      - 8.3.3.2.3. By Disease Type
      - 8.3.3.2.4. By End User
  - 8.3.4. South Korea Autoimmune Disease Diagnostics 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 Test Type
      - 8.3.4.2.3. By Disease Type

- 8.3.4.2.4. By End User
- 8.3.5. Australia Autoimmune Disease Diagnostics 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 Test Type
    - 8.3.5.2.3. By Disease Type
    - 8.3.5.2.4. By End User

## **9. SOUTH AMERICA AUTOIMMUNE DISEASE DIAGNOSTICS 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 Test Type
  - 9.2.3. By Disease Type
  - 9.2.4. By End User
- 9.3. South America: Country Analysis
  - 9.3.1. Brazil Autoimmune Disease Diagnostics 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 Test Type
      - 9.3.1.2.3. By Disease Type
      - 9.3.1.2.4. By End User
  - 9.3.2. Argentina Autoimmune Disease Diagnostics 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 Test Type
      - 9.3.2.2.3. By Disease Type
      - 9.3.2.2.4. By End User
  - 9.3.3. Colombia Autoimmune Disease Diagnostics 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 Test Type

#### 9.3.3.2.3. By Disease Type

#### 9.3.3.2.4. By End User

## **10. MIDDLE EAST AND AFRICA AUTOIMMUNE DISEASE DIAGNOSTICS 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 Test Type

#### 10.2.3. By Disease Type

#### 10.2.4. By End User

### 10.3. MEA: Country Analysis

#### 10.3.1. South Africa Autoimmune Disease Diagnostics 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 Test Type

###### 10.3.1.2.3. By Disease Type

###### 10.3.1.2.4. By End User

#### 10.3.2. Saudi Arabia Autoimmune Disease Diagnostics 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 Test Type

###### 10.3.2.2.3. By Disease Type

###### 10.3.2.2.4. By End User

#### 10.3.3. UAE Autoimmune Disease Diagnostics 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 Test Type

10.3.3.2.3. By Disease Type

10.3.3.2.4. By End User

## **11. MARKET DYNAMICS**

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

## **13. GLOBAL AUTOIMMUNE DISEASE DIAGNOSTICS MARKET: SWOT ANALYSIS**

## **14. COMPETITIVE LANDSCAPE**

14.1. Business Overview

14.2. Services Offerings

14.3. Recent Developments

14.4. Key Personnel

14.5. SWOT Analysis

14.5.1. Siemens Healthcare Private Limited

14.5.2. bioMérieux SA

14.5.3. Bio-rad Laboratories

14.5.4. Beckman Coulter, Inc.

14.5.5. F. Hoffmann-la Roche

14.5.6. Inova Diagnostics, Inc.

14.5.7. Myriad Genetics, Inc.

14.5.8. Thermo Fisher Scientific

14.5.9. Trinity Biotech Plc.

14.5.10. Hemagen Diagnostics, Inc.

## **15. STRATEGIC RECOMMENDATIONS**

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

## I would like to order

Product name: Autoimmune Disease Diagnostics Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, 2018-2028 Segmented By Product (Reagents, Kits, Assays, Instruments), By Test Type (Antinuclear Antibody Tests, Autoantibody Tests, C-reactive Protein, Complete Blood Count, Urinalysis), By Disease Type (Systemic, Localized), By End User (Hospitals, Diagnostic Labs, Research Institutes), By Region and Competition

Product link: <https://marketpublishers.com/r/A055108F0342EN.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/A055108F0342EN.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