

Automated Breast Ultrasound Market Size, Share & Trends Analysis Report By Product (Automated Breast Volume Scanner, Automated Breast Ultrasound), By End-use, By Region, And Segment Forecasts, 2024 - 2030

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Abstracts

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Australia & New Zealand Research Antibodies Market Growth & Trends

The Australia & New Zealand research antibodies market size is expected to reach USD 77.6 million by 2030, registering a CAGR of 4.8% from 2024 to 2030, according to a new report by Grand View Research, Inc. Drivers of this market include rise in R&D initiatives being undertaken by biopharmaceutical & biotechnology companies, increase in government investments on R&D, and growth in neurobiology & stem cell research.

Rise in R&D investments and research activities by various pharmaceutical and biotechnology companies to develop new & innovative products is anticipated to fuel market growth. For instance, in March 2019, the Federal Government invested USD 150 million in Stem Cells Australia and University of Melbourne to support R&D pertaining to stem cell and explore new ways to treat various life-threatening conditions such as stroke, congenital heart disease, and kidney disease.

Growth in stem cell and neurobiology-based research is expected to boost the market during the forecast period. There are a number of neurobiology-based research institutes in Australia. For instance, the Center of Research Excellence in Neuromuscular Disorders, Australia, is a collaboration between neuromuscular experts.

Ongoing launch of new products is anticipated to fuel market growth over the forecast period. For instance, in April 2019, Bio-Rad launched a range of isotype-specific secondary antibodies-IgG1, IgG2a, and IgG2b. These products are used for specificity in ELISA, imaging, western blotting, and flow cytometry as well as to improve signaling.

Increasing adoption of strategies, such as collaborations and acquisitions, by leading market players is expected to fuel market growth. For instance, in March 2016, Thermo Fisher Scientific Inc., announced the acquisition of Affymetrix, Inc. This strategic acquisition was aimed at strengthening the company's position in the field of bioscience and expanding its portfolio of antibodies.

New Zealand has been investing heavily in R&D in order to promote trade in biotechnology sector. According to Research, Science and Innovation System Performance Report, the nation's total expenditure on R&D was estimated to be 1.23% of GDP in 2016. This was funded by both public and private firms in New Zealand. Data from the same source also indicates that the country's science system is highly productive in terms of publications per researcher, with over USD 653,400 spent on research and higher education.

Australia & New Zealand Research Antibodies Market Report Highlights

Primary antibodies held dominant share of the product segment in 2023. This can be attributed to wide applications of these antibodies in research

Monoclonal antibodies held significant share of the type segment in 2023, mainly due to their efficient staining properties and high specificity for detection of antigens

Western blotting held the largest share of the technology segment owing to rising demand for rapid diagnostic methods

On the basis of technology, ELISA is anticipated to witness the highest CAGR during the forecast period, owing to conventional use of polyclonal antibodies for sandwich ELISA

On the basis of source, mouse segment held the largest share of the Australia & New Zealand research antibodies market in 2023, as mice are convenient to use during production of antibodies for research purposes

Contents

CHAPTER 1. METHODOLOGY AND SCOPE

- 1.1. Market Segmentation and Scope
- 1.2. Market Definitions
- 1.3. Research Methodology
 - 1.3.1. Information Procurement
 - 1.3.2. Information or Data Analysis
 - 1.3.3. Market Formulation & Data Visualization
 - 1.3.4. Data Validation & Publishing
- 1.4. Research Scope and Assumptions
 - 1.4.1. List of Data Sources

CHAPTER 2. EXECUTIVE SUMMARY

- 2.1. Market Outlook
- 2.2. Segment Outlook
- 2.3. Competitive Insights

CHAPTER 3. AUTOMATED BREAST ULTRASOUND MARKET VARIABLES, TRENDS, & SCOPE

- 3.1. Market Introduction/Lineage Outlook
- 3.2. Market Size and Growth Prospects (USD Million)
- 3.3. Market Dynamics
 - 3.3.1. Market Drivers Analysis
 - 3.3.2. Market Restraints Analysis
- 3.4. Automated Breast Ultrasound Market Analysis Tools
 - 3.4.1. Porter's Analysis
 - 3.4.1.1. Bargaining power of the suppliers
 - 3.4.1.2. Bargaining power of the buyers
 - 3.4.1.3. Threats of substitution
 - 3.4.1.4. Threats from new entrants
 - 3.4.1.5. Competitive rivalry
 - 3.4.2. PESTEL Analysis
 - 3.4.2.1. Political landscape
 - 3.4.2.2. Economic and Social landscape
 - 3.4.2.3. Technological landscape

- 3.4.2.4. Environmental landscape
- 3.4.2.5. Legal landscape

CHAPTER 4. AUTOMATED BREAST ULTRASOUND MARKET: PRODUCT ESTIMATES & TREND ANALYSIS

- 4.1. Segment Dashboard
- 4.2. Automated Breast Ultrasound Market: Product Movement Analysis, 2023 & 2030 (USD Million)
- 4.3. Automated Breast Volume Scanner
 - 4.3.1. Automated Breast Volume Scanner Market Revenue Estimates and Forecasts, 2018 - 2030 (USD Million)
- 4.4. Automated Breast Ultrasound (ABUS)
 - 4.4.1. Automated Breast Ultrasound (ABUS) Market Revenue Estimates and Forecasts, 2018 - 2030 (USD Million)

CHAPTER 5. AUTOMATED BREAST ULTRASOUND MARKET: END USE ESTIMATES & TREND ANALYSIS

- 5.1. Segment Dashboard
- 5.2. Automated Breast Ultrasound Market: End Use Movement Analysis, 2023 & 2030 (USD Million)
- 5.3. Hospitals
 - 5.3.1. Hospitals Market Revenue Estimates and Forecasts, 2018 - 2030 (USD Million)
- 5.4. Diagnostics Imaging Laboratories
 - 5.4.1. Diagnostics Imaging Laboratories Market Revenue Estimates and Forecasts, 2018 - 2030 (USD Million)
- 5.5. Others
 - 5.5.1. Others Market Revenue Estimates and Forecasts, 2018 - 2030 (USD Million)

CHAPTER 6. AUTOMATED BREAST ULTRASOUND MARKET: REGIONAL ESTIMATES & TREND ANALYSIS

- 6.1. Automated Breast Ultrasound Market Share, By Region, 2023 & 2030 (USD Million)
- 6.2. North America
 - 6.2.1. North America Automated Breast Ultrasound Market Estimates and Forecasts, 2018 - 2030 (USD Million)
 - 6.2.2. U.S.
 - 6.2.2.1. U.S. Automated Breast Ultrasound Market Estimates and Forecasts, 2018 -

2030 (USD Million)

6.2.3. Canada

6.2.3.1. Canada Automated Breast Ultrasound Market Estimates and Forecasts, 2018 - 2030 (USD Million)

6.2.4. Mexico

6.2.4.1. Mexico Automated Breast Ultrasound Market Estimates and Forecasts, 2018 - 2030 (USD Million)

6.3. Europe

6.3.1. Europe Automated Breast Ultrasound Market Estimates and Forecasts, 2018 - 2030 (USD Million)

6.3.2. UK

6.3.2.1. UK Automated Breast Ultrasound Market Estimates and Forecasts, 2018 - 2030 (USD Million)

6.3.3. Germany

6.3.3.1. Germany Automated Breast Ultrasound Market Estimates and Forecasts, 2018 - 2030 (USD Million)

6.3.4. France

6.3.4.1. France Automated Breast Ultrasound Market Estimates and Forecasts, 2018 - 2030 (USD Million)

6.3.5. Italy

6.3.5.1. Italy Automated Breast Ultrasound Market Estimates and Forecasts, 2018 - 2030 (USD Million)

6.3.6. Spain

6.3.6.1. Spain Automated Breast Ultrasound Market Estimates and Forecasts, 2018 - 2030 (USD Million)

6.3.7. Denmark

6.3.7.1. Denmark Automated Breast Ultrasound Market Estimates and Forecasts, 2018 - 2030 (USD Million)

6.3.8. Sweden

6.3.8.1. Sweden Automated Breast Ultrasound Market Estimates and Forecasts, 2018 - 2030 (USD Million)

6.3.9. Norway

6.3.9.1. Sweden Automated Breast Ultrasound Market Estimates and Forecasts, 2018 - 2030 (USD Million)

6.4. Asia Pacific

6.4.1. Asia Pacific Automated Breast Ultrasound Market Estimates and Forecasts, 2018 - 2030 (USD Million)

6.4.2. Japan

6.4.2.1. Japan Automated Breast Ultrasound Market Estimates and Forecasts, 2018 -

2030 (USD Million)

6.4.3. China

6.4.3.1. China Automated Breast Ultrasound Market Estimates and Forecasts, 2018 - 2030 (USD Million)

6.4.4. India

6.4.4.1. India Automated Breast Ultrasound Market Estimates and Forecasts, 2018 - 2030 (USD Million)

6.4.5. South Korea

6.4.5.1. South Korea Automated Breast Ultrasound Market Estimates and Forecasts, 2018 - 2030 (USD Million)

6.4.6. Thailand

6.4.6.1. Thailand Automated Breast Ultrasound Market Estimates and Forecasts, 2018 - 2030 (USD Million)

6.5. Latin America

6.5.1. Latin America Automated Breast Ultrasound Market Estimates and Forecasts, 2018 - 2030 (USD Million)

6.5.2. Brazil

6.5.2.1. Brazil Automated Breast Ultrasound Market Estimates and Forecasts, 2018 - 2030 (USD Million)

6.5.3. Argentina

6.5.3.1. Argentina Automated Breast Ultrasound Market Estimates and Forecasts, 2018 - 2030 (USD Million)

6.6. Middle East and Africa

6.6.1. Middle East and Africa Automated Breast Ultrasound Market Estimates and Forecasts, 2018 - 2030 (USD Million)

6.6.2. South Africa

6.6.2.1. South Africa Automated Breast Ultrasound Market Estimates and Forecasts, 2018 - 2030 (USD Million)

6.6.3. Saudi Arabia

6.6.3.1. Saudi Arabia Automated Breast Ultrasound Market Estimates and Forecasts, 2018 - 2030 (USD Million)

6.6.4. UAE

6.6.4.1. Automated Breast Ultrasound Market Estimates and Forecasts, 2018 - 2030 (USD Million)

6.6.5. Kuwait

6.6.5.1. Kuwait Automated Breast Ultrasound Market Estimates and Forecasts, 2018 - 2030 (USD Million)

CHAPTER 7. COMPETITIVE LANDSCAPE

7.1. Recent Developments & Impact Analysis by Key Market Participants

7.2. Company Categorization

7.3. Company Heat Map Analysis

7.4. Company Profiles

7.4.1. GE HealthCare.

7.4.1.1. Participant's Overview

7.4.1.2. Financial Performance

7.4.1.3. Product Benchmarking

7.4.1.4. Recent Developments/ Strategic Initiatives

7.4.2. Koninklijke Philips N.V.

7.4.2.1. Participant's Overview

7.4.2.2. Financial Performance

7.4.2.3. Product Benchmarking

7.4.2.4. Recent Developments/ Strategic Initiatives

7.4.3. Siemens Healthcare Private Limited

7.4.3.1. Participant's Overview

7.4.3.2. Financial Performance

7.4.3.3. Product Benchmarking

7.4.3.4. Recent Developments/ Strategic Initiatives

7.4.4. CANON MEDICAL SYSTEMS CORPORATION

7.4.4.1. Participant's Overview

7.4.4.2. Financial Performance

7.4.4.3. Product Benchmarking

7.4.4.4. Recent Developments/ Strategic Initiatives

7.4.5. TELEMED Medical Systems srl

7.4.5.1. Participant's Overview

7.4.5.2. Financial Performance

7.4.5.3. Product Benchmarking

7.4.5.4. Recent Developments/ Strategic Initiatives

7.4.6. Hologic, Inc.

7.4.6.1. Participant's Overview

7.4.6.2. Financial Performance

7.4.6.3. Product Benchmarking

7.4.6.4. Recent Developments/ Strategic Initiatives

7.4.7. SuperSonic Imagine

7.4.7.1. Participant's Overview

7.4.7.2. Financial Performance

7.4.7.3. Product Benchmarking

7.4.7.4. Recent Developments/ Strategic Initiatives

7.4.8. Lunit Inc.

7.4.8.1. Participant's Overview

7.4.8.2. Financial Performance

7.4.8.3. Product Benchmarking

7.4.8.4. Recent Developments/ Strategic Initiatives

7.4.9. Delphinus Medical Technologies, Inc.

7.4.9.1. Participant's Overview

7.4.9.2. Financial Performance

7.4.9.3. Product Benchmarking

7.4.9.4. Recent Developments/ Strategic Initiatives

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