

South Korea In-Vitro Diagnostics Market By Product (Instruments, Reagents, Software & Services), By Technology (Immunoassay, Hematology, Clinical Chemistry, Molecular Diagnostics, Microbiology, Others), By Application (Infectious Diseases, Diabetes, Oncology, Cardiology, Nephrology, Others), By End User (Hospitals & Clinics, Diagnostic Centers & Laboratories, Others), By Region, Competition, Forecast & Opportunities, 2020-2030F

Market Report | 2025-09-14 | 80 pages | TechSci Research

AVAILABLE LICENSES:

- Single User License \$3500.00
- Multi-User License \$4500.00
- Custom Research License \$7000.00

Report description:

Market Overview

South Korea In-Vitro Diagnostics Market was valued at USD 1.95 Billion in 2024 and is expected to reach USD 2.71 Billion by 2030 with a CAGR of 5.58%. The South Korean In-Vitro Diagnostics (IVD) market is an evolving and rapidly expanding segment within the nation's healthcare and medical device sectors. The market benefits from a robust healthcare infrastructure, a comprehensive regulatory framework, and growing demand for cutting-edge diagnostic technologies. These factors position the South Korean IVD market for continued growth, fueled by the aging population, the rising incidence of chronic diseases, substantial healthcare expenditures, and significant advancements in diagnostic technologies.

The South Korean IVD market is expected to maintain strong momentum across key sectors, particularly in molecular diagnostics, point-of-care testing, and infectious disease diagnostics. As the healthcare landscape shifts, there will be a growing emphasis on precision medicine, early disease detection, and personalized treatment plans. Additionally, South Korea's ongoing investment in healthcare innovation and the increasing integration of digital health solutions will further drive the market's expansion.

The South Korean IVD market is set for sustained growth, underpinned by favorable demographic trends, continuous innovation in diagnostic technologies, and increased healthcare spending. While challenges such as regulatory complexities and cost

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

containment pressures remain, the overall market outlook is optimistic, with strong support from an aging population, escalating disease burdens, and ongoing technological advancements.

Key Market Drivers

Increasing Aging Population

The increasing aging population in South Korea is one of the most significant drivers of growth in the In-Vitro Diagnostics (IVD) market. South Korea has officially transitioned into a "super-aged society," with the proportion of individuals aged 65 and above now exceeding 20% of the total population. This demographic shift underscores the rapid aging trend within the country, signaling significant implications for healthcare, social services, and economic growth. As the elderly demographic expands, the demand for advanced healthcare solutions, including diagnostic tools, has surged. The aging population directly influences the need for timely diagnosis, disease monitoring, and early intervention, all of which are essential in managing the health conditions that are more prevalent among older individuals. As individuals age, there is a heightened focus on preventive healthcare to manage the onset of age-related conditions. As of 2020, 54.9% of individuals aged 65 and older in South Korea were affected by multimorbidity, with the prevalence increasing with age. Specifically, 47.2% of those aged 65-74, 63.3% of individuals aged 75-84, and 73% of those aged 85 and above experienced multiple chronic conditions. Early detection is crucial in minimizing the impact of these diseases, which can otherwise lead to severe health complications or even death. The elderly population increasingly seeks diagnostic tests for routine screening, such as cancer detection, genetic testing, and general health monitoring (e.g., blood tests, organ function tests, etc.). This shift toward preventive care and early diagnosis is driving up the demand for IVD technologies that can provide timely, accurate, and non-invasive testing solutions. With the growing number of elderly individuals preferring to remain at home for as long as possible, there is an increasing demand for home healthcare solutions, including at-home diagnostic tests. Home care diagnostics, such as self-monitoring blood glucose tests for diabetic patients or home-based cholesterol testing kits, are becoming more popular among South Korea's aging population. These IVD products cater to the elderly's need for convenience, autonomy, and privacy while ensuring they have access to critical health monitoring. The increased reliance on home-based diagnostics is directly contributing to the growth of the South Korean IVD market.

As the elderly population grows, there is also a rise in genetic and molecular testing for the early detection of hereditary conditions and diseases common in aging individuals. Tests like genetic screening for predispositions to certain cancers, cardiovascular diseases, and neurodegenerative disorders are becoming more prevalent. The South Korean IVD market benefits from this shift as technological advancements in molecular diagnostics, such as next-generation sequencing (NGS) and PCR-based tests, make it easier to detect diseases at the genetic level. These innovations are not only crucial for early detection but also for the development of personalized treatment plans, which are essential for older patients with multiple health conditions. As the aging population grows, there is an inevitable increase in healthcare spending, with a substantial portion directed towards diagnostics and disease management. South Korea, with its robust healthcare system, has been progressively increasing its investment in the healthcare sector to support its aging population. This includes funding for IVD technologies, which play a pivotal role in disease detection and monitoring. The government's health policies often reflect the urgency to address the healthcare needs of the elderly, ensuring that diagnostics remain affordable and accessible. Such initiatives enhance the availability and adoption of IVD products for older patients, thereby spurring market growth.

Key Market Challenges

Regulatory Challenges and Compliance

The most significant barriers to the growth of the IVD market in South Korea is the complex regulatory environment. The Korea Food and Drug Administration (KFDA) governs the approval and regulation of IVD products, and while the regulatory framework is designed to ensure safety and efficacy, it can be time-consuming and costly for companies to navigate. For foreign IVD manufacturers, understanding local regulations and obtaining necessary certifications can be particularly challenging. In addition, the requirement for clinical trials and local testing adds to the financial and logistical burden. This extended approval process can delay the introduction of new products, hindering innovation and slowing the market's overall growth. Furthermore, South Korea's strict regulatory landscape may discourage smaller players from entering the market, leading to a more concentrated and less competitive environment.

Key Market Trends

Integration of Artificial Intelligence and Automation in Diagnostics

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

The most transformative trends in the South Korean IVD market is the increasing integration of artificial intelligence (AI) and automation technologies into diagnostic testing. AI is enabling faster, more accurate diagnostics by enhancing data analysis, automating routine tasks, and improving decision-making processes in clinical settings. AI algorithms can process large datasets from diagnostic tests such as imaging, genetic screening, and molecular diagnostics to identify patterns and predict outcomes with unprecedented accuracy. Automation in laboratory workflows also increasing efficiency, reducing human error, and minimizing the time required to process diagnostic tests. As healthcare providers and diagnostic laboratories seek to streamline operations and improve accuracy, the demand for AI-powered and automated IVD systems is growing. These innovations not only enhance diagnostic precision but also make advanced testing more accessible, improving patient outcomes and contributing to the overall growth of the market.

Key Market Players

- [] Abbott Korea Ltd.
- [] Becton Dickinson Korea Ltd.
- [] Siemens Healthineers AG
- [] Bio-Rad Laboratories Inc.
- [] Danaher Corporation
- [] FUJIFILM Business Innovation Korea Co., Ltd
- [] Roche Korea Co Ltd

Report Scope:

In this report, the South Korea In-Vitro Diagnostics Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

- [] South Korea In-Vitro Diagnostics Market, By Product:

- o Instruments
- o Reagents
- o Software & Services

- [] South Korea In-Vitro Diagnostics Market, By Technology:

- o Immunoassay
- o Hematology
- o Clinical Chemistry
- o Molecular Diagnostics
- o Microbiology
- o Others

- [] South Korea In-Vitro Diagnostics Market, By Application:

- o Infectious Diseases
- o Diabetes
- o Oncology
- o Cardiology
- o Nephrology
- o Others

- [] South Korea In-Vitro Diagnostics Market, By End User:

- o Hospitals & Clinics
- o Diagnostic Centers & Laboratories
- o Others

- [] South Korea In-Vitro Diagnostics Market, By Region:

- o Northern
- o Central
- o Southern

Competitive Landscape

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Company Profiles: Detailed analysis of the major companies present in the South Korea In-Vitro Diagnostics Market.

Available Customizations:

South Korea In-Vitro Diagnostics market report with the given market data, TechSci 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).

Table of 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 Sources
 - 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. South Korea In-Vitro Diagnostics Market Outlook
 - 5.1. Market Size & Forecast
 - 5.1.1. By Value
 - 5.2. Market Share & Forecast
 - 5.2.1. By Product (Instruments, Reagents, Software & Services)
 - 5.2.2. By Technology (Immunoassay, Hematology, Clinical Chemistry, Molecular Diagnostics, Microbiology, Others)
 - 5.2.3. By Application (Infectious Diseases, Diabetes, Oncology, Cardiology, Nephrology, Others)
 - 5.2.4. By End User (Hospitals & Clinics, Diagnostic Centers & Laboratories, Others)
 - 5.2.5. By Region
 - 5.2.6. By Company (2024)
 - 5.3. Market Map
6. Northern In-Vitro 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 Technology

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 6.2.3. By Application
- 6.2.4. By End User
- 7. Southern In-Vitro 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 Technology
 - 7.2.3. By Application
 - 7.2.4. By End User
- 8. Central In-Vitro 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 Technology
 - 8.2.3. By Application
 - 8.2.4. By End User
- 9. Market Dynamics
 - 9.1. Drivers
 - 9.2. Challenges
- 10. Market Trends & Developments
 - 10.1. Recent Developments
 - 10.2. Product Launches
 - 10.3. Mergers & Acquisitions
- 11. South Korea Economic Profile
- 12. South Korea In-Vitro Diagnostics Market: SWOT Analysis
- 13. Competitive Landscape
 - 13.1. Abbott Korea Ltd.
 - 13.1.1. Business Overview
 - 13.1.2. Product & Service Offerings
 - 13.1.3. Recent Developments
 - 13.1.4. Key Personnel
 - 13.1.5. Financials (If Listed)
 - 13.1.6. SWOT Analysis
 - 13.2. Becton Dickinson Korea Ltd.
 - 13.3. Siemens Healthineers AG
 - 13.4. Bio-Rad Laboratories Inc.
 - 13.5. Danaher Corporation
 - 13.6. FUJIFILM Business Innovation Korea Co., Ltd
 - 13.7. Roche Korea Co Ltd.
- 14. Strategic Recommendations
- 15. About Us & Disclaimer

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

South Korea In-Vitro Diagnostics Market By Product (Instruments, Reagents, Software & Services), By Technology (Immunoassay, Hematology, Clinical Chemistry, Molecular Diagnostics, Microbiology, Others), By Application (Infectious Diseases, Diabetes, Oncology, Cardiology, Nephrology, Others), By End User (Hospitals & Clinics, Diagnostic Centers & Laboratories, Others), By Region, Competition, Forecast & Opportunities, 2020-2030F

Market Report | 2025-09-14 | 80 pages | TechSci Research

To place an Order with Scotts International:

- Print this form
- Complete the relevant blank fields and sign
- Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Single User License	\$3500.00
	Multi-User License	\$4500.00
	Custom Research License	\$7000.00
		VAT
		Total

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>
		Date	<input type="text" value="2026-03-05"/>
		Signature	<input type="text"/>