

# **South Korea in Vitro Diagnostics Market Size, Share, Trends and Forecast by Test Type, Product, Application, End User, and Region, 2026-2034**

<https://marketpublishers.com/r/S634FB25C2C6EN.html>

Date: July 2026

Pages: 117

Price: US\$ 2,999.00 (Single User License)

ID: S634FB25C2C6EN

## **Abstracts**

The South Korea in vitro diagnostics market size was valued at USD 2.3 Billion in 2025. Looking forward, IMARC Group estimates the market to reach USD 3.8 Billion by 2034, exhibiting a CAGR of 5.45% from 2026-2034. The market in the region is driven by rapidly aging population, high prevalence of chronic diseases, ongoing technological advancements, strong government initiatives, and rising healthcare expenditure.

The South Korea in vitro diagnostics (IVD) market growth is primarily driven by its aging population, leading to a higher demand for health monitoring. With the growing elderly population, the demand for regular diagnostic testing to address age-related health concerns is increasing, driving market expansion. Additionally, the rising incidence of chronic conditions like diabetes, cardiovascular diseases, and cancer is boosting the need for diagnostic solutions. Moreover, ongoing technological advancements, including the development of point-of-care testing and personalized medicine, enhance diagnostic efficiency, increasing adoption and providing an impetus to the market. Also, government initiatives focused on enhancing healthcare infrastructure and regulatory support, contributing to the market expansion. For instance, the largest deployment of cholera rapid diagnostic tests sent 1.2 million units to 14 countries during 2024 with Malawi receiving the initial shipment. This highlights the significant role of South Korea in advancing global healthcare by providing timely diagnostic solutions in response to public health crises. Furthermore, rising healthcare expenditure in South Korea promotes the adoption of advanced diagnostic technologies, impelling the market growth.

Concurrently, a significant driver in the surging South Korea IVD market demand is the

increasing focus on precision medicine, with diagnostics playing a crucial role in tailoring treatments to individual needs. In line with this, the ongoing integration of artificial intelligence (AI) and machine learning (ML) into diagnostic processes enhances decision-making accuracy, encouraging healthcare providers to adopt these innovations, and fostering the market growth. Besides this, the rise of health-conscious consumers, seeking early detection and personalized health management is supporting the market demand. Also, strong collaborations between IVD companies and healthcare providers are enhancing testing capabilities, bolstering the market growth. For example, the initial official Gavi Vaccine Alliance distribution of tests will enable faster outbreak detection and monitoring as well as more effective surveillance of vaccination programs and enhanced targeting of disease prevention measures. Apart from this, a growing focus on preventive healthcare drives a shift towards early diagnosis, increasing the need for reliable IVD solutions, thereby propelling the market forward.

## SOUTH KOREA IN VITRO DIAGNOSTICS MARKET TRENDS:

### Technological Advancements in IVD

The South Korea IVD market trends experience major transformations because of ongoing technological advancements in in vitro diagnostics. The advancement of point-of-care testing and next-generation sequencing and molecular diagnostics has produced better and faster testing solutions in South Korea. For example, the digital health sector of South Korea served as an ideal destination for international companies to invest due to its advanced technological developments. The K-Hospital+Health Tech Fair 2023 presented visitors with new developments in South Korean healthcare technology. The market demand for advanced diagnostic tools also grows because these technological solutions enable early detection of cancer and infectious diseases. AI together with ML operates in diagnostic processes to maximize accuracy levels and streamlines workflows and develops personalized medical treatments. Furthermore, research predicts an upward trajectory of these diagnostic tools since technological innovations promise better healthcare results at more affordable costs, thus enhancing the South Korea IDV market outlook.

### Shift Toward Preventive Healthcare

The South Korean healthcare system has changed direction toward disease prevention through early disease identification before conditions advance. Healthcare service providers now focus on decreasing chronic disease load which has led consumers to show higher engagement in their own health management. Moreover, the South Korean

population demonstrates enhanced interest in scheduled medical examinations and individual health surveillance and diagnostic testing. For example, in 2023 the South Korean government invested ₩500 billion equivalent to USD 400 million for the advancement of diagnostic tools to expand early disease detection capabilities. The market for IVD solutions including blood tests and molecular diagnostics and home testing kits also expands because more people choose preventive healthcare. Apart from this, early diagnosis benefits continue to gain recognition which drives this market trend.

### Expansion of Point-of-Care Diagnostics

As per the South Korea in vitro diagnostics market forecast, the country is experiencing increasing adoption of point-of-care diagnostics which transforms the market through rapid on-site testing solutions. The market is shifting in this direction because patients need more convenient access to tests which provide faster results from places other than traditional healthcare locations. Rapid infectious disease tests serve as point-of-care diagnostics which clinicians use in hospitals alongside clinics and patients perform at home. For instance, Seegene Inc. partnered with Microsoft, as its technology partner to boost POC diagnostic capabilities through its SG OneSystem business. The joint venture demonstrates how technological alliances help drive speedy innovation within the point-of-care diagnostic industry. Also, the existing healthcare infrastructure expansion together with cost-effective solution demands strengthens the market acceptance of POC testing. As a result, South Korea advances its healthcare accessibility agenda through these changes which lower healthcare expenses while maintaining fast dependable results, providing an impetus to the market.

### SOUTH KOREA IN VITRO DIAGNOSTICS INDUSTRY SEGMENTATION:

IMARC Group provides an analysis of the key trends in each segment of the South Korea in vitro diagnostics market, along with forecasts at the country and regional levels from 2026-2034. The market has been categorized based on test type, product, application, and end user.

#### Analysis by Test Type:

Clinical Chemistry

Molecular Diagnostics

Immuno Diagnostics

Haematology

Others

Clinical chemistry tests are essential for disease diagnosis, as they analyze blood, urine, and other bodily fluids to provide critical health insights. These tests help in assessing organ function, detecting metabolic disorders, and monitoring chronic conditions like diabetes, driving growth in the IVD market.

Medical testing through molecular diagnostics detects genetic substances DNA and RNA to identify diseases, genetic conditions and cancer types. The sector is expanding quickly because technological developments allow precise diagnosis while enabling earlier detection of diseases and customized therapeutic approaches.

The diagnostic technique of immuno diagnostics uses antibodies together with antigens to detect diseases which helps identify infections and allergies and autoimmune disorders. Additionally, immunoassays continue to gain popularity because they deliver fast accurate testing solutions across multiple disease categories.

Hematology tests examine blood components to diagnose conditions such as anemia, leukemia, and clotting disorders. Growing demand for blood diagnostics, coupled with technological advancements and increasing blood disorder cases, is driving this segment's growth.

Analysis by Product:

Instrument

Reagent

Others

The instrument segment in the South Korea IVD market is crucial for performing diagnostic tests. The IVD market features devices such as analyzers and diagnostic machines and laboratory equipment which provide both precision and reliability. The

combination of continuous technological improvements including automation and miniaturization has boosted the need for innovative instruments which supports both efficiency and cost-effectiveness in medical facilities including hospitals and research laboratories, strengthening the South Korea IDV market share.

Reagent is essential for diagnostic tests as they enable laboratory professionals to detect specific biomarkers and pathogens and genetic material. The regions' reagent market continues to grow because of rising needs for personalized medicine and advanced diagnostic capabilities. Reagents of high quality enable accurate patient care through molecular diagnostics and clinical chemistry while improving both reliability and efficiency, fueling the market demand.

#### Analysis by Application:

Infectious Disease

Diabetes

Cancer/Oncology

Cardiology

Nephrology

Others

Infectious disease diagnostics work to identify pathogens such as bacteria, viruses and fungi by using molecular tests together with cultures and immunoassays. The high number of infectious diseases across populations creates an urgent requirement for swift accurate testing solutions that support early diagnosis and medical intervention, boosting the market growth.

Diabetes diagnostics, including blood glucose testing and HbA1c monitoring, are critical for managing diabetes in South Korea. The increasing prevalence of diabetes is driving demand for advanced diagnostic tools that enable early detection and ongoing monitoring, boosting market growth.

Oncology diagnostics play a crucial role in the early detection and management of

various cancers. Additionally, the development of molecular diagnostics along with personalized medicine drives increasing demand for precise genetic mutation identification tests and cancer recurrence detection techniques, thus acting another growth-inducing factor.

Cardiology diagnostics requires diagnostic tools which include cholesterol testing alongside cardiac biomarker measurement and electrocardiogram (ECG) evaluation. Heart diseases maintain their status as major health problems, driving increased demand for advanced diagnostic methods to examine heart performance alongside risk determinants and disease evolution, which is catalyzing the market demand.

Nephrology diagnostics, which include tests for kidney function like serum creatinine, urine protein, and glomerular filtration rate (GFR), are vital for detecting kidney diseases. The rising prevalence of chronic kidney disease creates a need for improved diagnostic tools that detect kidney health problems at an early stage, thereby driving the market forward.

#### Analysis by End User:

Diagnostic Laboratories

Hospitals and Clinics

Others

Diagnostic laboratories constitute South Korea's principal IVD market end user because they perform essential disease evaluation and disease management services. These laboratories depend on sophisticated IVD instruments combined with reagents to execute multiple diagnostic tests. Besides this, the laboratories serving patient diagnostic needs adopt up-to-date technologies to enhance both accuracy and efficiency while improving healthcare delivery.

The healthcare facilities of hospitals and clinics acquire IVD products to provide diagnosis and disease monitoring and treatment planning for patients. The healthcare industry requires increasingly accurate diagnostic tools that meet high standards because personalized medicine and early disease detection are taking precedence. This combination of laboratory-based and point-of-care diagnostics serves healthcare facilities to enhance clinical success while minimizing therapy expenses.

## Regional Analysis:

Seoul Capital Area

Yeongnam (Southeastern Region)

Honam (Southwestern Region)

Hoseo (Central Region)

Others

South Korea's healthcare and IVD market operates from the Seoul Capital Area which includes the capital city alongside bordering territories. The market growth in this area is propelled by its highly developed healthcare systems combined with high diagnostic service needs and its location of leading hospital and research organizations.

Yeongnam, the southeastern region of South Korea, has a strong industrial presence and expanding healthcare infrastructure. The growing healthcare investments combined with increasing healthcare needs transform Busan and Ulsan into significant markets for IVD products.

Honam, including cities like Gwangju and Jeonnam, is seeing steady growth in healthcare services and diagnostics. The local hospitals and clinics are demonstrating growing interest in IVD products because the region continues to draw additional healthcare investments.

Hoseo, covering areas like Daejeon and Chungcheong, has a developing healthcare sector with increasing demand for diagnostic services. As the region attracts more healthcare investments, there is rising interest in IVD products for improving diagnostic capabilities and healthcare delivery in local hospitals and clinics.

## COMPETITIVE LANDSCAPE:

South Korea's in vitro diagnostics (IVD) market is highly competitive, featuring a diverse range of diagnostic solutions provided by both domestic and international companies. The market is characterized by rapid technological advancements, including innovations

in molecular diagnostics, point-of-care testing, and automation. Companies are prioritizing product portfolio expansion, enhanced test accuracy, and faster turnaround times. The growing focus on personalized medicine is fueling the development of specialized diagnostic tools. Firms are adopting strategies such as strategic collaborations, partnerships, and increased investment in research and development to strengthen market positions and improve product offerings.

The report provides a comprehensive analysis of the competitive landscape in the South Korea in vitro diagnostics market with detailed profiles of all major companies.

Frequently Asked Questions About the South Korea In Vitro Diagnostics Market Report

- 1.How big is the in vitro diagnostics market in the South Korea?
- 2.What factors are driving the growth of the South Korea in vitro diagnostics market?
- 3.What is the forecast for the in vitro diagnostics market in the South Korea?

## 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 SOUTH KOREA IN VITRO DIAGNOSTICS MARKET - INTRODUCTION**

- 4.1 Overview
- 4.2 Market Dynamics
- 4.3 Industry Trends
- 4.4 Competitive Intelligence

### **5 SOUTH KOREA IN VITRO DIAGNOSTICS MARKET LANDSCAPE**

- 5.1 Historical and Current Market Trends (2020-2025)
- 5.2 Market Forecast (2026-2034)

### **6 SOUTH KOREA IN VITRO DIAGNOSTICS MARKET - BREAKUP BY TEST TYPE**

- 6.1 Clinical Chemistry
  - 6.1.1 Overview
  - 6.1.2 Historical and Current Market Trends (2020-2025)
  - 6.1.3 Market Forecast (2026-2034)
- 6.2 Molecular Diagnostics
  - 6.2.1 Overview
  - 6.2.2 Historical and Current Market Trends (2020-2025)

#### 6.2.3 Market Forecast (2026-2034)

### 6.3 Immuno Diagnostics

#### 6.3.1 Overview

#### 6.3.2 Historical and Current Market Trends (2020-2025)

#### 6.3.3 Market Forecast (2026-2034)

### 6.4 Haematology

#### 6.4.1 Overview

#### 6.4.2 Historical and Current Market Trends (2020-2025)

#### 6.4.3 Market Forecast (2026-2034)

### 6.5 Others

#### 6.5.1 Historical and Current Market Trends (2020-2025)

#### 6.5.2 Market Forecast (2026-2034)

## **7 SOUTH KOREA IN VITRO DIAGNOSTICS MARKET - BREAKUP BY PRODUCT**

### 7.1 Instrument

#### 7.1.1 Overview

#### 7.1.2 Historical and Current Market Trends (2020-2025)

#### 7.1.3 Market Forecast (2026-2034)

### 7.2 Reagent

#### 7.2.1 Overview

#### 7.2.2 Historical and Current Market Trends (2020-2025)

#### 7.2.3 Market Forecast (2026-2034)

### 7.3 Others

#### 7.3.1 Historical and Current Market Trends (2020-2025)

#### 7.3.2 Market Forecast (2026-2034)

## **8 SOUTH KOREA IN VITRO DIAGNOSTICS MARKET - BREAKUP BY APPLICATION**

### 8.1 Infectious Disease

#### 8.1.1 Overview

#### 8.1.2 Historical and Current Market Trends (2020-2025)

#### 8.1.3 Market Forecast (2026-2034)

### 8.2 Diabetes

#### 8.2.1 Overview

#### 8.2.2 Historical and Current Market Trends (2020-2025)

#### 8.2.3 Market Forecast (2026-2034)

### 8.3 Cancer/Oncology

#### 8.3.1 Overview

#### 8.3.2 Historical and Current Market Trends (2020-2025)

#### 8.3.3 Market Forecast (2026-2034)

### 8.4 Cardiology

#### 8.4.1 Overview

#### 8.4.2 Historical and Current Market Trends (2020-2025)

#### 8.4.3 Market Forecast (2026-2034)

### 8.5 Nephrology

#### 8.5.1 Overview

#### 8.5.2 Historical and Current Market Trends (2020-2025)

#### 8.5.3 Market Forecast (2026-2034)

### 8.6 Others

#### 8.6.1 Historical and Current Market Trends (2020-2025)

#### 8.6.2 Market Forecast (2026-2034)

## **9 SOUTH KOREA IN VITRO DIAGNOSTICS MARKET - BREAKUP BY END USER**

### 9.1 Diagnostic Laboratories

#### 9.1.1 Overview

#### 9.1.2 Historical and Current Market Trends (2020-2025)

#### 9.1.3 Market Forecast (2026-2034)

### 9.2 Hospitals and Clinics

#### 9.2.1 Overview

#### 9.2.2 Historical and Current Market Trends (2020-2025)

#### 9.2.3 Market Forecast (2026-2034)

### 9.3 Others

#### 9.3.1 Historical and Current Market Trends (2020-2025)

#### 9.3.2 Market Forecast (2026-2034)

## **10 SOUTH KOREA IN VITRO DIAGNOSTICS MARKET – BREAKUP BY REGION**

### 10.1 Seoul Capital Area

#### 10.1.1 Overview

#### 10.1.2 Historical and Current Market Trends (2020-2025)

#### 10.1.3 Market Breakup by Test Type

#### 10.1.4 Market Breakup by Product

#### 10.1.5 Market Breakup by Application

#### 10.1.6 Market Breakup by End User

#### 10.1.7 Key Players

- 10.1.8 Market Forecast (2026-2034)
- 10.2 Yeongnam (Southeastern Region)
  - 10.2.1 Overview
  - 10.2.2 Historical and Current Market Trends (2020-2025)
  - 10.2.3 Market Breakup by Test Type
  - 10.2.4 Market Breakup by Product
  - 10.2.5 Market Breakup by Application
  - 10.2.6 Market Breakup by End User
  - 10.2.7 Key Players
  - 10.2.8 Market Forecast (2026-2034)
- 10.3 Honam (Southwestern Region)
  - 10.3.1 Overview
  - 10.3.2 Historical and Current Market Trends (2020-2025)
  - 10.3.3 Market Breakup by Test Type
  - 10.3.4 Market Breakup by Product
  - 10.3.5 Market Breakup by Application
  - 10.3.6 Market Breakup by End User
  - 10.3.7 Key Players
  - 10.3.8 Market Forecast (2026-2034)
- 10.4 Hoseo (Central Region)
  - 10.4.1 Overview
  - 10.4.2 Historical and Current Market Trends (2020-2025)
  - 10.4.3 Market Breakup by Test Type
  - 10.4.4 Market Breakup by Product
  - 10.4.5 Market Breakup by Application
  - 10.4.6 Market Breakup by End User
  - 10.4.7 Key Players
  - 10.4.8 Market Forecast (2026-2034)
- 10.5 Others
  - 10.5.1 Historical and Current Market Trends (2020-2025)
  - 10.5.2 Market Forecast (2026-2034)

## **11 SOUTH KOREA IN VITRO DIAGNOSTICS MARKET – COMPETITIVE LANDSCAPE**

- 11.1 Overview
- 11.2 Market Structure
- 11.3 Market Player Positioning
- 11.4 Top Winning Strategies

- 11.5 Competitive Dashboard
- 11.6 Company Evaluation Quadrant

## **12 PROFILES OF KEY PLAYERS**

- 12.1 Company A
  - 12.1.1 Business Overview
  - 12.1.2 Services Offered
  - 12.1.3 Business Strategies
  - 12.1.4 SWOT Analysis
  - 12.1.5 Major News and Events
- 12.2 Company B
  - 12.2.1 Business Overview
  - 12.2.2 Services Offered
  - 12.2.3 Business Strategies
  - 12.2.4 SWOT Analysis
  - 12.2.5 Major News and Events
- 12.3 Company C
  - 12.3.1 Business Overview
  - 12.3.2 Services Offered
  - 12.3.3 Business Strategies
  - 12.3.4 SWOT Analysis
  - 12.3.5 Major News and Events
- 12.4 Company D
  - 12.4.1 Business Overview
  - 12.4.2 Services Offered
  - 12.4.3 Business Strategies
  - 12.4.4 SWOT Analysis
  - 12.4.5 Major News and Events
- 12.5 Company E
  - 12.5.1 Business Overview
  - 12.5.2 Services Offered
  - 12.5.3 Business Strategies
  - 12.5.4 SWOT Analysis
  - 12.5.5 Major News and Events

## **13 SOUTH KOREA IN VITRO DIAGNOSTICS MARKET - INDUSTRY ANALYSIS**

- 13.1 Drivers, Restraints, and Opportunities

- 13.1.1 Overview
- 13.1.2 Drivers
- 13.1.3 Restraints
- 13.1.4 Opportunities
- 13.2 Porters Five Forces Analysis
  - 13.2.1 Overview
  - 13.2.2 Bargaining Power of Buyers
  - 13.2.3 Bargaining Power of Suppliers
  - 13.2.4 Degree of Competition
  - 13.2.5 Threat of New Entrants
  - 13.2.6 Threat of Substitutes
- 13.3 Value Chain Analysis

## **14 APPENDIX**

## I would like to order

Product name: South Korea in Vitro Diagnostics Market Size, Share, Trends and Forecast by Test Type, Product, Application, End User, and Region, 2026-2034

Product link: <https://marketpublishers.com/r/S634FB25C2C6EN.html>

Price: US\$ 2,999.00 (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/S634FB25C2C6EN.html>