

## **Saudi Arabia In Vitro Diagnostics Market Report and Forecast 2025-2034**

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### **Report description:**

The Saudi Arabia in vitro diagnostics market was valued at USD 1.42 Billion in 2024, driven by the rising chronic disease prevalence and technological advancements in the region. The market is anticipated to grow at a CAGR of 5.40% during the forecast period of 2025-2034, with the values likely to reach USD 2.40 Billion by 2034. The market is bolstered by Vision 2030 healthcare investments and the adoption of molecular diagnostics and point-of-care testing.

#### Saudi Arabia In Vitro Diagnostics Market Overview

In vitro diagnostics (IVD) involve tests conducted on biological samples such as blood, urine, or tissue to detect diseases, conditions, or infections. These tests are performed outside the human body and play a crucial role in disease diagnosis, monitoring, and treatment decision-making. The market was valued at USD 1.42 Billion in 2024 and is expanding due to increased healthcare spending, rising chronic disease prevalence, and growing demand for advanced diagnostic solutions. Government initiatives to enhance healthcare infrastructure and adopt modern technologies also contribute to market growth.

#### Saudi Arabia In Vitro Diagnostics Market Growth Drivers

##### Rising Chronic Disease Prevalence to Drive Market Expansion

The increasing prevalence of chronic diseases is a key driver of growth in the in vitro diagnostics market in Saudi Arabia. In December 2023, a study by Majed S. Alzahrani et al. reported notably high rates of diabetes, hypertension, obesity, and asthma, with over 50,000 cases per 100,000 individuals. The high body mass index observed across the population further elevates disease risk. This trend reinforces the critical demand for advanced diagnostic solutions, supporting sustained market expansion.

#### Saudi Arabia In Vitro Diagnostics Market Trends

The market is experiencing notable trends, including strategic initiatives like Vision 2030, which prioritizes healthcare

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modernization, along with a growing geriatric population contributing to increased demand for diagnostic services.

#### Initiatives Under Vision 2030 Driving Innovation in the Market

The market is rapidly expanding, driven by the Vision 2030 initiative emphasizing healthcare modernization and digital integration. With huge investments, the country is enhancing its diagnostic infrastructure and adopting cutting-edge technologies like AI-driven and point-of-care testing. Strategic collaborations with global leaders such as Roche Diagnostics accelerate innovation, positioning the IVD market to grow steadily.

#### Rising Geriatric Population Will Likely Boost Saudi Arabia In Vitro Diagnostics Market Value

A notable trend in the market is the increasing geriatric population, which is significantly driving demand for diagnostic testing. As the elderly population grows, there is a greater need for regular health monitoring and early detection of various medical conditions. According to Nasser F. Bindhim et al., 2025, individuals aged 60 and older represented 5.59% to 6.9% of the total population in Saudi Arabia between 2020 and 2022. This demographic shift, along with increased healthcare awareness and government initiatives to enhance diagnostic capabilities, is expected to accelerate market growth in the coming years.

#### Saudi Arabia In Vitro Diagnostics Market Segmentation

The market report offers a detailed analysis of the market based on the following segments:

##### Market Breakup by Product & Services

- Reagents and Kits
- Instruments
- Software and Services

##### Market Breakup by Technology

- Immunodiagnosics
  - ??- Enzyme-Linked Immunosorbent Assay (ELISA)
  - ??- Enzyme-Linked Immunospot (ELISPOT)
  - ??- Rapid Tests
  - ??- Radioimmunoassay (RIA)
  - ??- Western Blotting
  - ??- Others
- Clinical Chemistry
  - ??- Basic Metabolic Panels
  - ??- Liver Panels
  - ??- Renal Profiles
  - ??- Lipid Profiles
  - ??- Thyroid Function Panels
  - ??- Electrolyte Panels
  - ??- Specialty Chemical Tests
- Molecular Diagnostics

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- ??- Polymerize Chain Reaction (PCR)
- ??- Isothermal Nucleic Acid Amplification Technology (INAAT)
- ??- Hybridization
- ??- DNA Diagnostics
- ??- Microarray
- ??- Others

- Hematology
- Microbiology
- Coagulation and Haemostasis
- Urinalysis
- Others

#### Market Breakup by Application

- Infectious Diseases
- Diabetes
- Oncology
- Cardiology
- Drug Testing/Pharmacogenomics
- HIV/AIDS
- Autoimmune Diseases
- Nephrology
- Others

#### Market Breakup by End User

- Hospitals
- Diagnostic Centers
- Point-of-Care Testing
- Academic Institutes
- Others

#### Saudi Arabia In Vitro Diagnostics Market Share

##### Infectious Diseases are Likely to Drive Growth in Market

The in vitro diagnostics market in Saudi Arabia is segmented across diverse applications, including infectious diseases, diabetes, oncology, cardiology, pharmacogenomics, HIV/AIDS, autoimmune diseases, nephrology, and more. Among these, infectious diseases are expected to dominate market growth due to their high prevalence. A 2024 study by Munirah S. Aleyiydi et al. reports that incidence rates reached 15.6 per 100,000 population for hepatitis B, 6.9 for dengue fever, and 2.75 for influenza, underscoring the ongoing health burden in 2021. This scenario accelerates the need for advanced, rapid diagnostic solutions, positioning infectious disease testing as a key market driver.

##### Leading Players in the Saudi Arabia In Vitro Diagnostics Market

The key features of the market report comprise funding and investment analysis, and strategic initiatives by the leading players.

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The major companies in the market are as follows:

#### F. Hoffmann-La Roche Ltd.

F. Hoffmann-La Roche Ltd., headquartered in Basel, Switzerland, was established in 1896. The company specializes in developing in vitro diagnostic tests and instruments for diseases such as cancer, diabetes, and infectious conditions. Roche provides advanced diagnostic solutions, including test strips and automated laboratory instruments, supporting Saudi Arabia's growing demand for accurate and efficient in vitro diagnostics in clinical and laboratory settings.

#### Bio-Rad Laboratories, Inc.

Headquartered in Hercules, California, Bio-Rad Laboratories, Inc. plays a significant role in the in vitro diagnostics market. The company provides the QXDx product line, including Droplet Digital PCR (ddPCR) systems and assay kits, which offer precise quantification of DNA and RNA. These FDA-cleared and CE-marked products enhance disease monitoring and diagnostic capabilities in the region.

#### Abbott

Abbott is a significant player in the in vitro diagnostics market with its advanced products like the Architect i1000SR immunoassay analyzer. This high-throughput system enhances laboratory efficiency by delivering rapid and reliable diagnostic results, supporting improved patient care in the region.

#### Thermo Fisher Scientific Inc.

Founded in 1956, Thermo Fisher Scientific Inc. is a global leader in life sciences and diagnostics. The company provides advanced LC-MS medical devices for in vitro diagnostic applications, offering exceptional accuracy and sensitivity. Its innovative IVD systems, such as the Vanquish MD HPLC and TSQ Altis MD Mass Spectrometers, play a key role in supporting clinical laboratories, driving growth in the IVD market through improved diagnostic capabilities and operational efficiency.

Other key players in the market include QIAGEN, Quidel Corporation, and Danaher Corporation.

#### Key Questions Answered in the Saudi Arabia In Vitro Diagnostics Market Report

- What was the Saudi Arabia in vitro diagnostics market value in 2024?
- What is the Saudi Arabia in vitro diagnostics market forecast outlook for 2025-2034?
- What major factors aid the Saudi Arabia in vitro diagnostics market demand?
- How has the market performed so far, and how is it anticipated to perform in the coming years?
- What are the market's major drivers, opportunities, and restraints?
- What are the major trends in the Saudi Arabia in vitro diagnostics market?
- Which product and services is expected to dominate the market segment?
- Which technology is projected to lead the market segment?
- Which application is anticipated to drive the market segment?
- Which end user is likely to dominate the market segment?
- Who are the key players involved in the Saudi Arabia in vitro diagnostics market?
- What are the current unmet needs and challenges in the market?
- How are partnerships, collaborations, mergers, and acquisitions among the key market players shaping the market dynamics?

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