

Vietnam In Vitro Diagnostics Market Size and Share Outlook - Forecast Trends and Growth Analysis Report (2025-2034)

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Report description:

The Vietnam in vitro diagnostics market was valued at USD 1.10 Billion in 2024, driven by increasing government healthcare investments and technological advancements across the region. The market is anticipated to grow at a CAGR of 5.50% during the forecast period of 2025-2034, with the values likely to reach USD 1.88 Billion by 2034. The increased chronic disease prevalence and government healthcare investments, and urbanization are likely to drive the demand for diagnostic solutions in Vietnam during the forecast period.

Vietnam In Vitro Diagnostics Market Overview

In vitro diagnostics (IVD) encompass medical devices and laboratory tests conducted on samples, such as blood, urine, or tissue, collected from the human body to detect, diagnose, and monitor various diseases, conditions, or infections. IVD is essential for early disease detection, treatment management, and improving patient outcomes. The market is poised to grow at a CAGR of 5.50% during the forecast period of 2025-2034, due to growing healthcare awareness, increased government support, technological advancements, and the rising prevalence of chronic diseases.

Vietnam In Vitro Diagnostics Market Growth Drivers

Rising Prevalence of Non-Communicable Diseases to Elevate the Market Landscape

A significant factor driving the growth in the market is the increasing burden of non-communicable diseases (NCDs). According to the Department of Preventive Medicine, Ministry of Health, Vietnam recorded 727,000 deaths in 2019, with 81% attributed to NCDs. Nearly half of these deaths occurred before age 70, highlighting the urgent need for early diagnosis and monitoring. This rising disease burden is expected to accelerate market growth during the forecast period.

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Vietnam In Vitro Diagnostics Market Trends

Some of the notable trends in the market include the growing implementation of health screening initiatives and the rising adoption of digital health solutions.

Rising Health Screening Initiatives to Boost Market Growth

The growing emphasis on early disease detection through health screening is a key trend in the market. For instance, in July 2024, the inauguration of Fujifilm's NURA health screening center in Hanoi marked a significant step toward improving diagnostic infrastructure. This initiative highlights increasing investment in preventive care and advanced diagnostic technologies. Such developments are likely to enhance market growth throughout the forecast period.

Digital Health Integration to Enhance the Vietnam In Vitro Diagnostics Market Value

The increasing adoption of digital health solutions is driving operational efficiency and diagnostic accuracy in the market. This trend gained momentum as public hospitals began outsourcing to local IT firms for digital system development. In a 2020 report, it was reported that over 92% of public hospitals collaborated with companies like FPT and OneNet to adopt digital health services. Such integrations are expected to enhance market growth by advancing diagnostic capabilities and healthcare delivery.

Vietnam 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

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

- Hematology
- Microbiology
- Coagulation and Hemostasias
- 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

Vietnam In Vitro Diagnostics Market Share

Immunodiagnosics Poised to Lead the Vietnam In Vitro Diagnostics Market

Different technologies are used in the in-vitro diagnostics market, which are into immunodiagnosics, clinical chemistry, molecular diagnostics, hematology, microbiology, coagulation and hemostasis, urinalysis, and additional segments. Among these, immunodiagnosics is expected to dominate the market, driven by its pivotal role in the timely and accurate diagnosis of infectious diseases, particularly tuberculosis (TB). Vietnam is among the top 30 high TB burden countries worldwide, with an incidence rate of approximately 176 cases per 100,000 individuals annually. These critical public health challenges are driving strong demand for advanced immunodiagnostic solutions, positioning this segment for significant growth.

Leading Players in the Vietnam In Vitro Diagnostics Market

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The key features of the market report comprise funding and investment analysis, and strategic initiatives by the leading players. 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 and is a global leader in in vitro diagnostics. Roche actively provides advanced diagnostic tests and instruments for diseases such as cancer, diabetes, COVID-19, and hepatitis. Its laboratory-based and point-of-care solutions enhance diagnostic accuracy and support timely clinical decisions, strengthening Vietnam's diagnostic capabilities.

Bio-Rad Laboratories, Inc.

Established in 1952 and headquartered in Hercules, California, Bio-Rad Laboratories, Inc. actively contributes to the market through its advanced QXDx product line. These include the QXDx ddPCR System, AutoDG ddPCR System, and various universal and assay-specific kits designed for absolute quantification of nucleic acids. Their CE-IVD and FDA-cleared tools support regulated diagnostic workflows, especially in oncology.

Sysmex Corporation

Sysmex Corporation is a global leader in in vitro diagnostics. In June 2023, the company launched the HISCL β -Amyloid 1-42 and 1-40 Assay Kits, designed for early detection of Alzheimer's disease through blood-based testing using the HISCL-Series. These innovative diagnostics offer minimally invasive, rapid analysis, aligning with growing demand in Vietnam for advanced, cost-effective testing solutions in neurological and immunochemistry diagnostics. Sysmex's technological advancements contribute significantly to Vietnam's evolving healthcare diagnostics landscape.

QIAGEN

QIAGEN, headquartered in Hilden, Germany and established in 1984, is a global leader in molecular diagnostics. It partnered with Illumina Inc. to develop next-generation sequencing (NGS)-based in vitro diagnostic (IVD) kits, including oncology-focused companion diagnostics. This collaboration enhances QIAGEN's role in the in vitro diagnostics market by expanding access to advanced genomic testing for clinical decision-making.

Other key players in the market include Thermo Fisher Scientific Inc., and Abbott.

Key Questions Answered in the Vietnam In Vitro Diagnostics Market Report

- What was the Vietnam in vitro diagnostics market value in 2024?
- What is the Vietnam in vitro diagnostics market forecast outlook for 2025-2034?
- What major factors aid the Vietnam 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 Vietnam 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?

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- Who are the key players involved in the Vietnam 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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