

# Diagnosics and Therapeutics for HIV: Global Markets

<https://marketpublishers.com/r/D0BD07F7172EN.html>

Date: October 2023

Pages: 186

Price: US\$ 5,500.00 (Single User License)

ID: D0BD07F7172EN

## Abstracts

### Report Scope:

This report organizes information from diverse sources into sections such as an overview, industry structure, diagnostic test type, treatment by drug categories, leading drug profiles and historic drug sales, regulations, reimbursements, and patents. The scope of this report includes an overview of the global market scenario for the diagnosis and treatment of HIV, with base year data from 2022, estimations for 2023 and forecasts for 2028 that are derived using projections of CAGR during the forecast period. Market value data is provided at global, regional, and country levels for treatments by drug categories. Market data for HIV diagnostics is provided for regional levels, with details on test types. Estimated values are based on companies' total revenues. Projected and forecasted revenue values are in constant U.S. dollars that have not been adjusted for inflation.

The report forecasts the global market for HIV therapeutics by drug class. It discusses market data for nucleoside/nucleotide reverse transcriptase inhibitors (NRTIs), protease inhibitors (PIs), single tablet regimen fixed-dose combination (STR FDC), HIV integrase strand transfer inhibitors (INSTIs) and non-nucleoside reverse transcriptase inhibitors (NNRTIs). The enzyme inhibitor drug class has been excluded when calculating the global HIV therapeutics market, as there are no late-stage pipeline molecules.

Diagnostic tests such as antigen%li%and antibody-based tests, CD4 tests and viral load tests are detailed with current and forecasted market data. Antigen%li%and antibody-based tests cover enzyme-linked immunosorbent assay (ELISA) tests, enzyme immunoassay (EIA) tests, rapid tests, and NAT tests; CD4 tests include tests conducted to monitor the CD4 load; and viral load tests include all PCR-based tests.

A detailed analysis illustrating market dynamics and market structure is incorporated

into the report. A Porter's Five Forces analysis and the supply and distribution chain are discussed in detail to provide an in-depth understanding of this market. The report covers the current regulations and guidelines for diagnostics and therapeutics for HIV, and it provides a survey of the top market players, detailing their business operations, segment focus, revenue, and strategy analysis. The report also features a market share analysis of these leading players, including information about product launches and pipeline products.

In terms of geography, the report analyzes the market across the following regions: North America, Europe, Asia-Pacific and Rest of the World (RoW). Key countries like the U.S., Canada, Mexico, Germany, France, UK, Italy, China, India and Japan are given special focus due to the high concentration of HIV diagnostics and therapeutics manufacturing companies and contract manufacturing organizations located in these areas.

The base year for the market data in this report is 2022, historical data is provided for 2020 and forecast data is given for 2028. Historical, base year and forecast data are provided for each market segment of the report.

#### Report Includes:

27 data tables and 41 additional tables

An overview of the global markets for diagnostics and therapeutics for HIV

An estimate of the market's size and analyses of global market trends, with data from 2020-2022, estimates for 2023, and projections of compound annual growth rates (CAGRs) through 2028

Quantification of the market potential of diagnostics and therapeutics for HIV by drug category, diagnostic test type, and region

Coverage of HIV timeline and milestones, HIV life cycle, its treatment and mechanism of action, and description of HIV prophylaxis

Evaluation of market dynamics such as drivers and restraints, current industry trends and patterns, and an assessment of the cost implications for treatments in many countries

Information on regional awareness programs, WHO initiatives and development of novel therapies, and discussion on rising comorbidities in HIV patients and social stigma associated with STDs

Coverage of ongoing research and predictions of the market's future direction

Insights into the regulatory scenario for the U.S., Europe and Japan, to provide an overview of the regulations for new drug launches and diagnostic kits

Descriptions of the competitive landscape, product mapping, the strategic initiatives of the leading companies, including their R&D activities

Profiles of the key companies, including Medtronic, Abbott, Sanofi, Roche, Bio-Rad Laboratories Inc., and Danaher Corp.

## Contents

### **CHAPTER 1 INTRODUCTION**

Study Goals and Objectives  
Reasons for Doing This Study  
What's New in This Update?  
Scope of Report  
Information Sources and Methodology  
Secondary Research  
Primary Research  
Research Methodology  
Geographic Breakdown

### **CHAPTER 2 SUMMARY AND HIGHLIGHTS**

Overview  
Market Outlook

### **CHAPTER 3 MARKET AND TECHNOLOGY BACKGROUND**

Overview of Human Immunodeficiency Virus (HIV)  
Report Overview  
Disease Prognosis  
Symptoms  
Treatments  
HIV Timeline and Milestones  
HIV Life Cycle: Treatment and Mechanism of Action  
HIV Prophylaxis  
Pre-exposure Prophylaxis (PrEP)  
Post-exposure Prophylaxis (PEP)  
Drug Resistance  
Medication Adherence  
WHO Initiatives

### **CHAPTER 4 GLOBAL INDUSTRY TRENDS**

Trends in Global HIV Transmission  
Regional Awareness Programs

Development of Novel Therapies  
Public-Private Partnerships  
Rising Comorbidities in HIV Patients with an Increase in the Longevity of Patients  
Global Programs to Counter HIV  
Preventing Transmission from Mother to Child  
Challenges  
Underestimating the Risk of Contracting the Disease  
Social Stigma Associated with STDs  
High Cost of Treatment

## **CHAPTER 5 MARKET BREAKDOWN BY HIV THERAPEUTIC**

Global Market Forecast for HIV Therapeutics  
Regional Markets for HIV Therapeutics  
North America  
Market Analysis and Forecast  
Epidemiology  
HIV Testing and Recommendations  
Regulation of the North American Market for HIV Therapeutics  
European Market for HIV Therapeutics  
Market Analysis and Forecast  
Epidemiology  
HIV Testing and Recommendations  
Regulations Impacting the European HIV Market  
Asia-Pacific Market for HIV Therapeutics  
Southeast Asian Regions  
Western Pacific Regions  
Prevention and Screening Programs  
Regulation of the Asia-Pacific HIV Market  
Market Impact of Generic Manufacturers  
Market Analysis and Forecast  
Rest of the World (RoW) Market for HIV Therapeutics  
African Region  
Global Investments in the HIV Market

## **CHAPTER 6 HIV MARKET BY ARV DRUG CATEGORY**

Overview  
Timeline of Therapies

First-Line Treatment Regimen  
Second-Line Treatment Regimen  
Third-Line/Salvage Treatment Regimen  
Market Overview by Drug Category  
Nucleoside/Nucleotide Reverse Transcriptase Inhibitors (NRTIs)  
Protease Inhibitors (PIs)  
Single-Tablet Regimen (STR)/Fixed-Dose Combination (FDC) Drugs  
Integrase Strand Transfer Inhibitors (INSTI)  
Non-Nucleotide Reverse Transcriptase Inhibitors (NNRTIs)  
Entry Inhibitors

## **CHAPTER 7 EMERGING TECHNOLOGIES**

Overview  
Molecular Diagnostics  
Next-Generation Sequencing (NGS)  
Point-of-Care Testing  
Artificial Intelligence (AI)  
Other Emerging Techniques

## **CHAPTER 8 EVALUATION OF MARKET FOR HIV DIAGNOSTICS**

Market for HIV Diagnostics by Test Type  
Evolution of HIV Tests  
Antigen- and Antibody-Based Tests  
Future Perspective  
CD4 Testing  
Viral Load Testing  
HIV Diagnostic Product Profiles by Test Type  
CD4 Testing Products  
Viral Load Testing Products

## **CHAPTER 9 PATENTS**

Overview

## **CHAPTER 10 COMPETITIVE LANDSCAPE**

Mergers, Acquisitions and Collaborations

## CHAPTER 11 COMPANY PROFILES

ABBOTT

ASTRAZENECA

B. BRAUN SE

BECTON, DICKINSON AND COMPANY

BIOCON

BIO-RAD LABORATORIES INC.

BOEHRINGER INGELHEIM INTERNATIONAL GMBH

DANAHER CORP.

DEXCOM INC.

INSULET CORP.

JOHNSON & JOHNSON SERVICES INC.

LIFESCAN IP HOLDINGS LLC

LILLY

MEDTRONIC

MERCK & CO. INC.

NOVA BIOMEDICAL

NOVARTIS AG

NOVO NORDISK A/S

QIAGEN N.V.

ROCHE (F. HOFFMANN-LA ROCHE LTD.)

SANOFI

SIEMENS HEALTHINEERS AG

TERUMO CORP.

THERMO FISHER SCIENTIFIC INC.

YPSOMED AG

List of Tables

Summary Table : Global Market for HIV Diagnostics and Therapeutics, by Drug Category, Through 2028

Table 1 : Milestones in the History of HIV

Table 2 : Life Cycle of HIV Therapeutics Target Points

Table 3 : Global Market for HIV Therapeutics, by Drug Category, Through 2028

Table 4 : Global Market for HIV Therapeutics, by Region, Through 2028

Table 5 : Generic Drug Manufacturers in the Asia-Pacific Region

Table 6 : WHO Recommendations for ART Treatment

Table 7 : Approved NRTIs, 2022

Table 8 : Approved Generic NRTIs, 2022

- Table 9 : Global Market for NRTIs, by Region, Through 2028
- Table 10 : Approved PIs, 2022
- Table 11 : Approved Generic PIs, 2022
- Table 12 : Global Market for Protease Inhibitors, by Region, Through 2028
- Table 13 : Approved STRs, 2022
- Table 14 : Approved STR FDC Generics, 2022
- Table 15 : Global Market for Single-Tablet Regimen FDC, by Region, Through 2028
- Table 16 : FDA Approved INSTIs, 2022
- Table 17 : Global Market for INSTIs, by Region, Through 2028
- Table 18 : Approved NNRTIs, 2022
- Table 19 : Approved Generic NNRTIs, 2022
- Table 20 : Global Market for NNRTIs, by Region, Through 2028
- Table 21 : Approved Entry Inhibitors, 2022
- Table 22 : Global Market for HIV Diagnostics, by Region, Through 2028
- Table 23 : Global Market for HIV Diagnostics, by Test Type, Through 2028
- Table 24 : Antibody HIV Tests, 2022
- Table 25 : FDA Approved Antigen-Antibody Combo Tests, 2012
- Table 26 : Point-of-Care CD4 Tests
- Table 27 : Viral Load Tests
- Table 28 : Select Patent Applications Filed on HIV Diagnostics and Therapeutics, 2023
- Table 29 : M&A Activity among Diagnostics and Therapeutics Manufacturing Companies, 2023
- Table 30 : Abbott: Financials, 2019-2022
- Table 31 : Abbott: Product Portfolio, by Business Segment
- Table 32 : Abbott: Recent Developments, 2023
- Table 33 : AstraZeneca: Financial Performance, 2020-2022
- Table 34 : AstraZeneca: Selected Key Developments, 2023
- Table 35 : Braun: Financials, 2021
- Table 36 : Becton, Dickinson and Company: Company Financials, 2022
- Table 37 : Becton, Dickinson and Company: Product Portfolio
- Table 38 : Biocon: Selected Key Developments, 2022
- Table 39 : Bio-Rad Laboratories Inc.: Company Financials, 2022
- Table 40 : Bio-Rad Laboratories Inc.: Product Portfolio
- Table 41 : Boehringer Ingelheim: Selected Key Developments, 2023
- Table 42 : Danaher Corp.: Company Financials, 2022
- Table 43 : Danaher Corp.: Product Portfolio
- Table 44 : Dexcom: Financials, 2021 and 2022
- Table 45 : Insulet Corp.: Revenue, by Segment, 2020-2022
- Table 46 : Johnson & Johnson: Financials, 2022



Table 47 : Johnson & Johnson: Recent Developments and Strategies, 2017-2022

Table 48 : Lilly: Financial Performance, 2018-2021

Table 49 : Lilly: Key Developments, 2023

Table 50 : Medtronic: Financials, 2020-2022

Table 51 : Medtronic: Product Portfolio

Table 52 : Medtronic: Patient Monitoring Device Product Portfolio

Table 53 : Medtronic: Recent Developments, 2015-2022

Table 54 : Merck & Co. Inc.: Financial Performance, 2020-2022

Table 55 : Novartis: Key Financials, 2021-2022

Table 56 : Novartis Key Developments, 2022

Table 57 : Novo Nordisk: Key Financials, 2021-2022

Table 58 : Novo Nordisk: Selected Key Developments, 2023

Table 59 : Qiagen: Product Portfolio

Table 60 : Roche: Financials, 2021-2022

Table 61 : Roche: Revenue, by Business Segment, 2021 and 2022

Table 62 : Roche: Product Portfolio

Table 63 : Roche: Recent Developments, 2023

Table 64 : Sanofi: Business Segment

Table 65 : Sanofi: Financial Performance, 2021 and 2022

Table 66 : Sanofi: Key Developments, 2023

Table 67 : Siemens Healthineers AG: Product Portfolio

List of Figures

Summary Figure : Global Market for HIV Diagnostics and Therapeutics, 2020-2028

Figure 1 : Types of Drug Failure Encountered During HIV Treatment

Figure 2 : Summary of the Global HIV Epidemic, 2022

Figure 3 : Global Market for HIV Therapeutics, 2020-2028

Figure 4 : Global Market Shares of HIV Therapeutics, by Drug Category, 2022

Figure 5 : Global Market for HIV Therapeutics, by Region, 2020-2028

Figure 6 : Number of People Living with HIV Globally, by Region, 2010-2022

Figure 7 : North American Market for HIV Therapeutics, 2020-2028

Figure 8 : HIV Diagnoses in the U.S., by Transmission Category, 2021

Figure 9 : European Market for HIV Therapeutics, 2020-2028

Figure 10 : European Market for HIV Therapeutics, by Country, 2020-2028

Figure 11 : Asia-Pacific Market for HIV Therapeutics, 2020-2028

Figure 12 : Asia-Pacific Market for HIV Therapeutics, by Country, 2020-2028

Figure 13 : Rest of the World Market for HIV Therapeutics, 2020-2028

Figure 14 : Treatment Switching

Figure 15 : Global Market for NRTIs, 2020-2028

Figure 16 : Global Market for NRTIs, by Region, 2020-2028

- Figure 17 : Global Market for Protease Inhibitors, 2020-2028
- Figure 18 : Global Market for Protease Inhibitors, by Region, 2020-2028
- Figure 19 : Global Market for Single-Tablet Regimen, 2020-2028
- Figure 20 : Global Market for Single-Tablet Regimen FDC, by Region, 2020-2028
- Figure 21 : Global Market for INSTIs, 2020-2028
- Figure 22 : Global Market for INSTIs, by Region, 2020-2028
- Figure 23 : Global Market for NNRTIs, 2020-2028
- Figure 24 : Global Market for NNRTIs, by Region, 2020-2028
- Figure 25 : HIV Diagnostics Test Types, by Category
- Figure 26 : Global Market for HIV Diagnostics, 2020-2028
- Figure 27 : Abbott: Revenue Share, by Country/Region, 2021 and 2022
- Figure 28 : Abbott: Revenue Share, by Business Segment, 2021 and 2022
- Figure 29 : AstraZeneca: Sales Share, by Segment, 2022
- Figure 30 : AstraZeneca: Revenue Share, by Region/Country, 2022
- Figure 31 : Braun: Revenue, 2015-2021
- Figure 32 : Braun: Revenue Share, by Country/Region, 2021
- Figure 33 : Braun: Revenue Share, by Segment, 2021
- Figure 34 : Becton, Dickinson and Company: Revenue Share, by Business Segment, 2022
- Figure 35 : Becton, Dickinson and Company: Revenue Share, by Region/Country, 2022
- Figure 36 : Bio-Rad Laboratories Inc.: Revenue Share, by Business Segment, 2022
- Figure 37 : Bio-Rad Laboratories Inc.: Revenue Share, by Region/Country, 2022
- Figure 38 : Boehringer Ingelheim: Annual Revenue, 2021 and 2022
- Figure 39 : Boehringer Ingelheim: Revenue Share, by Business Segment, 2021 and 2022
- Figure 40 : Boehringer Ingelheim: Revenue Share, by Region, 2021 and 2022
- Figure 41 : Danaher Corp.: Revenue Share, by Business Segment, 2022
- Figure 42 : Danaher Corp.: Revenue Share, by Region, 2022
- Figure 43 : Dexcom Inc.: Annual Revenue, 2019-2021
- Figure 44 : Dexcom: Revenue Share, by Region/Country, 2022
- Figure 45 : Dexcom: Revenue Share, by Sales Channel, 2022
- Figure 46 : Johnson & Johnson: Financials, 2017-2021
- Figure 47 : Johnson & Johnson: Revenue Share, by Country/Region, 2021
- Figure 48 : Johnson & Johnson: Revenue Share, by Segment, 2021
- Figure 49 : Lilly: Total Sales Share, by Product Segment, 2022
- Figure 50 : Medtronic: Financials, 2015-2022
- Figure 51 : Medtronic: Revenue Share, by Country/Region, 2022
- Figure 52 : Medtronic: Revenue Share, by Key Disease Segment, 2022
- Figure 53 : Merck & Co. Inc.: Revenue Share, by Business Segment, 2022

- Figure 54 : Merck & Co. Inc.: Revenue Share, by Region/Country, 2022
- Figure 55 : Novartis: Revenue Share, by Business Segment, 2022
- Figure 56 : Novartis: Total Revenue Share, by Region/Country, 2022
- Figure 57 : Novo Nordisk: Revenue Share, by Region, 2022
- Figure 58 : Novo Nordisk: Revenue Share, by Business Segment, 2022
- Figure 59 : Qiagen: Total Revenue, 2020-2022
- Figure 60 : Qiagen: Market Share, by Product Type, 2022
- Figure 61 : Roche: Revenue, by Country/Region, 2022
- Figure 62 : Sanofi: Net Sales Share, by Business Segment, 2022
- Figure 63 : Sanofi: Net Sales Share, by Region/Country, 2022
- Figure 64 : Siemens Healthineers AG: Total Revenue, 2020-2022
- Figure 65 : Siemens Healthineers AG: Market Share, by Business Segment, 2022
- Figure 66 : Thermo Fisher Scientific Inc.: Annual Revenue, 2020-2022
- Figure 67 : Thermo Fisher Scientific Inc.: Market Share, by Business Segment, 2022

## I would like to order

Product name: Diagnostics and Therapeutics for HIV: Global Markets

Product link: <https://marketpublishers.com/r/D0BD07F7172EN.html>

Price: US\$ 5,500.00 (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/D0BD07F7172EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970