Infectious Disease Diagnosis & Treatment Market Research Report – Global Forecast till 2023

Global Infectious Disease Diagnosis & Treatment market research report, by disease type (Hepatitis, Tuberculosis (TB), Influenza) Diagnostic Product & Services (Assays, Kits, & Reagents), End User (Hospital & Clinics) – Forecast till 2023

Market Scenario

The Global Infectious Disease Diagnosis & Treatment market is expected to register a CAGR of 6.5% during the forecast period of 2018 to 2023.

Infectious diseases are caused by pathogenic microorganisms, such as bacteria, viruses, parasites or fungi. The diseases can be spread, directly or indirectly, from one person to another. According to a report in 2017, by the World Health Organization (WHO), India has the highest number of tuberculosis resistant strains in the world, and an infected person is predicted to transmit it to 15 people within a year. According to Deutsche Lepra-und- Tuberculosis, every fifth new tuberculosis case in the world lives in the Indian subcontinent. Tb facts Organization stated that India, Pakistan, Myanmar, China, and Bangladesh had 1,340,000,000, 197,000,000, 53,000,000, 1,410,000,000, and 165,000,000 number of tuberculosis cases in 2017, respectively, and these countries were under categorized by WHO as “High Burden Countries”

Segmentation

The global Infectious disease diagnosis & treatment market is segmented based on disease type, diagnostic product & services, diagnostic techniques, treatment, end user and region.

On the basis of disease type, the market is segmented into Hepatitis, Tuberculosis (TB), Influenza, Hospital-Acquired Infections (HAI), Sexually Transmitted Infections (STI), Tropical Diseases, Cancer-related Infections and Others. Based on diagnostic products and services, the market is devised into Assays, Kits, & Reagents, Instruments Services & Software. The diagnostic techniques is segmented into Immunodiagnostics, Polymerase Chain reaction (PCR), Isothermal Nucleic Acid Amplification Technology (INAAT), DNA Sequencing & Next-Generation Sequencing (NGS), DNA Microarray and Others. The Treatment segment is segmented into Antibiotics, Antivirals, Antifungals, Anti-parasitic, Alternative Medicine and Others. By end user, the market is divided into hospitals & clinics, Diagnostic Laboratories, and others. In the current scope of the study, the above-mentioned segments are covered into four global regions, namely- the Americas, Europe, Asia Pacific and the Middle East & Africa.

Regional Market Summary

Global Infectious Disease Diagnosis & Treatment market Share (%), by Region, 2017
The Americas dominated the global market for Infectious Disease Diagnosis & Treatment owing to rising infection rates and presence of major market players within the region. Further, it was estimated that Europe stood second in the global Infectious disease diagnosis & treatment market. This can be attributed due to the presence of a well-developed healthcare infrastructure, increasing awareness for the condition and presence of developed economies within the region.

Asia Pacific was the fastest growing region for the global Infectious Disease Diagnosis & Treatment market in 2017. It is also estimated that in some developing countries up to 10% of human tuberculosis is due to bovine tuberculosis. Globally, 10.0 million new cases of TB disease (also known as active TB) were found in 2017. Eight countries, namely, India (27%), China (9%), Indonesia (8%), the Philippines (6%), Pakistan (5%), Nigeria (4%), Bangladesh, and South Africa (3%) accounted for two-third of the new TB cases. A study conducted by researchers of the National University of Singapore (NUS), Singapore Tuberculosis Elimination Program, and the Singapore General Hospital found that the incidence rates of tuberculosis are higher among the elderly population. The weak immune system of the geriatric population makes them highly susceptible to infectious diseases. According to World Bank Group data, India holds 6%, China to hold 11%, of the population aged 65 and above. The rising population is a major driving factor for the Asia-Pacific infectious disease diagnosis and treatment market.

On the other hand, the Middle East and Africa held least share in the global Infectious disease diagnosis & treatment market. Presence of poor economies and low per capita income, especially within the African region make the market to lag within the region. Most of the market share within this region is estimated to be held by the Middle East due to increasing government funding in the healthcare, and presence of developed economies like UAE, Kuwait, Dubai, and others.

Key players

Some of the key players in the global Infectious Disease Diagnosis & Treatment market are Abbott Laboratories, AstraZeneca, Becton Dickinson & Co., Bio-Rad Laboratories, Danaher Corporation, GlaxoSmithKline, Gilead, F. Hoffmann-La Roche Ltd, Janssen Pharmaceutical, Inc., Alere, Inc., Cipla, Johnson And Johnson, Novartis, Siemens Healthcare and others.

Research Methodology

Market Research Future research is conducted by industry experts who offer insights into industry structure, market segmentation, assessment, Competitive Landscape (CL), penetration, as well as on emerging trends. Besides primary interviews (~ 80%) and secondary research (~ 20%), their analysis is based on their years of professional expertise in respective industries. Our analysts also predict where the market will be headed in the next five to ten years, by analysing historical trends and current market positions. Furthermore, the varying trends of segments and categories geographically presented are studied and are estimated based on the primary and secondary research.

- Primary Research

Extensive primary research was conducted to gain a deeper insight of the market and the industry.
performance. In this particular report we have conducted primary surveys (interviews) with key level executives (VPs, CEOs, Marketing Directors, Business Development Managers, and many more) of major players who are active in the market. In addition to analyzing the current and historical trends, our analysts predict where the market is headed, over the next five to ten years.

- **Secondary Research**

Secondary research was mainly used to collect and identify information useful for extensive, technical, market-oriented, and commercial study of the Infectious Disease Diagnosis & Treatment market. It was also used to obtain key information about major players, market classification, and segmentation according to industry trends, geographical markets, and developments related to the market and perspectives. For this study, analysts have gathered information from various credible sources, such as annual reports, SEC filings, journals, white papers, corporate presentations, company web sites, international organization of chemical manufacturers, some paid databases, and many others.

**Intended Audience:**
- Pharmaceutical companies
- Government and private laboratories
- Research and Development (R&D) companies
- Medical research laboratories
- Market research and consulting service providers

**Market Segmentation and Key Market Players:**

**Global Infectious Disease Diagnosis & Treatment Market, by Disease Type:**
- Hepatitis
- Tuberculosis (TB)
- Influenza
- Hospital-Acquired Infections (HAI)
- Sexually Transmitted Infections (STI)
- Tropical Diseases
- Cancer-related Infections
- Others

**Global Infectious Disease Diagnosis & Treatment Market, by Diagnostic Product & Services:**
- Assays, Kits, & Reagents
- Instruments Services & Software

**Global Infectious Disease Diagnosis & Treatment Market, by Diagnostic Techniques:**
- Immunodiagnostics
- Polymerase Chain reaction (PCR)
- Isothermal Nucleic Acid Amplification Technology (INAAT)
- DNA Sequencing & Next-Generation Sequencing (NGS)
- DNA Microarray
- Others

**Global Infectious Disease Diagnosis & Treatment Market, by Key Players:**
- Abbott Laboratories
- AstraZeneca
- Becton Dickinson & Co.
- Bio-Rad Laboratories
- Danaher Corporation
- GlaxoSmithkline
- Gilead
- Hoffmann-La Roche Ltd
- Janssen Pharmaceutical, Inc.
- Alere, Inc.
- Cipla
- Johnson And Johnson
- Novartis
- Siemens Healthcare
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