

Tuberculosis Diagnostics Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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Abstracts

Market Overview:

The global tuberculosis diagnostics market size reached US\$ 2.4 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 3.2 Billion by 2028, exhibiting a growth rate (CAGR) of 5.28% during 2023-2028.

Tuberculosis (TB) refers to an infectious bacterial disease that primarily affects the lungs (pulmonary), along with other parts of the body (extrapulmonary). The infection is diagnosed via a Mantoux tuberculin skin test (TST) or the TB blood test. Additional tests are required to confirm TB disease, depending on the infected organs. In the case of pulmonary TB, chest radiography is performed for detecting chest abnormalities, along with acid-fast staining and microscopic examination of the patient's sputum. Extrapulmonary TB can be diagnosed using CT, MRI or ultrasound scans, endoscopy, laparoscopy, urine and blood tests, biopsies, and lumbar punctures.

Tuberculosis Diagnostics Market Trends:

The increasing prevalence of multi-drug resistant (MDR) tuberculosis across the globe is one of the key factors driving the growth of the market. MDR tuberculosis is caused by bacteria that are resistant to isoniazid and rifampicin, which are considered to be among the most potent antimicrobial drugs for TB. Furthermore, the availability of technologically advanced Point-of-Care (POC) diagnostic methods is also providing a boost to the market growth. Advanced diagnostic methods, such as Nucleic acid amplification tests (NAATs) and Interferon-Gamma Release Assay (IGRA), are more accurate, convenient, and provide prompt results in comparison to the traditionally used techniques. Additionally, significant improvements in the healthcare infrastructure, along

with the growing awareness among the masses about various diagnostic procedures, are acting as another growth-inducing factor. Other factors, including the rising geriatric population and increasing healthcare expenditure and government initiatives and investments to promote research and development (R&D) activities, are projected to drive the market further.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global tuberculosis diagnostics market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on disease stage, test type, and end-user.

Breakup by Disease Stage:

- Latent TB
- Active TB

Breakup by Test Type:

- Radiographic Test
- Laboratory Test
- Smear Microscopy
- Culture-based Test
- Nucleic Acid Testing
- Cytokine Detection Test
- Drug Resistance Test
- Others

Breakup by End-User:

- Hospitals and Clinics
- Diagnostics and Research Laboratories
- Others

Breakup by Region:

- North America
- United States
- Canada

Asia Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined with some of the key players being Abbott Laboratories, Alere Inc., Becton Dickinson and Company, BioMérieux, Cepheid Inc., Epistem Ltd., Roche Holding AG, Hain Lifescience GmbH, Hologic Inc., QIAGEN GmbH, Siemens, Thermo Fisher Scientific Inc., etc.

Key Questions Answered in This Report:

How has the global tuberculosis diagnostics market performed so far and how will it perform in the coming years?

What are the key regional markets?

What has been the impact of COVID-19 on the global tuberculosis diagnostics market?

What is the breakup of the market based on the disease stage?

What is the breakup of the market based on the test type?

What is the breakup of the market based on the end-user?

What are the various stages in the value chain of the industry?

What are the key driving factors and challenges in the industry?

What is the structure of the global tuberculosis diagnostics market and who are the key

players?

What is the degree of competition in the industry?

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