

2023 U.S. Virology, Bacteriology, Parasitology and Mycology Testing Market-Growth Opportunities, 2022 Supplier Shares by Test, 2022-2027 Segmentation Forecasts for 100 Respiratory, STD, Enteric, and other Microbiology Assays Performed in Hospitals, Commercial/Private Labs, POC Locations-Competitive Strategies and SWOT Analysis, Latest Technologies, Instrumentation Pipeline, Market Barriers and Risks

<https://marketpublishers.com/r/2D7F49DA82ADEN.html>

Date: April 2023

Pages: 0

Price: US\$ 2,360.00 (Single User License)

ID: 2D7F49DA82ADEN

Abstracts

This unique report from LeadingMarketResearch.com provides data and analysis not available from any other published source, including test volume and sales forecasts for 100 individual tests, and competitor strategies, as well as strategic analysis of major business opportunities emerging in the infectious disease testing market during the next five years.

The report is available by section, and can be customized to specific information needs and budget. The report examines key US market trends; reviews current and emerging assays; analyzes potential applications of innovative diagnostic technologies; forecasts volume and sales for over 100 infectious disease tests by assay, and market segment; provides test volume estimates by method (molecular, serology/immunodiagnosics, culture/microscopy); profiles leading players and potential market entrants; and suggests alternative business expansion strategies for suppliers.

Rationale

This comprehensive report will assist diagnostics industry executives, as well as companies planning to diversify into the dynamic and rapidly expanding microbiology

testing market, in evaluating emerging opportunities and developing effective business strategies.

Microbiology testing is one of the most rapidly growing segments of the in vitro diagnostics industry, and the greatest challenge facing suppliers during this decade. Among the main driving forces is continuing spread of AIDS, which remains the world's major health threat and a key factor contributing to the rise of opportunistic infections; threat of bioterrorism; advances in molecular diagnostic technologies; and a wider availability of immunosuppressive drugs.

Although for some infections the etiology is still a mystery, while for others the causative microorganisms are present in minute concentrations long before the occurrence of first clinical symptoms, recent advances in genetic engineering and detection technologies are creating exciting opportunities for highly sensitive, specific and cost-effective products.

Opportunities and Strategic Recommendations

Emerging opportunities for new instrumentation, reagents kits, IT and other products with significant market appeal during the next five years.

Design criteria for decentralized testing products.

Alternative market penetration strategies.

Potential market entry barriers and risks.

Competitive Assessments

Infectious Diseases Analyzed in the Report

AIDS/HIV, Adenovirus, Aeromonads, Bartonella, Blastocystis Hominis, Campylobacter, Candida, Carbapenemase, Chancroid, Chlamydia, Clostridium, Coronavirus, Coxsackievirus, Cryptosporidium, Cyclospora, CMV, E. Coli, Echovirus, Encephalitis, Enterovirus, EBV, Giardia, Gonorrhoea, Granuloma Inguinale, Hantavirus, H. Pylori, Hepatitis, Herpes, Influenza, Legionella, Lyme Disease, Lymphogranuloma, Malaria, Measles, Meningitis, Microsporidium, Mononucleosis, Mumps, Mycoplasma, Norovirus, HPV, Parvovirus, Pneumonia, Polyomaviruses, Pseudomonas, Rabies, RSV,

Rhinovirus, Rotavirus, Rubella, Salmonella, Septicemia, Shigella, Staphylococci, Streptococci, Syphilis, Toxoplasmosis, Trichomonas, TB, Vibrio, West Nile, Yersinia.

Market Segmentation Analysis

Sales and market shares of major suppliers by individual test.

Volume and sales forecasts for over 100 infectious disease assays by individual test and market segment:

Hospitals, Blood Banks, Commercial/Private Laboratories, Physicians Offices/Group Practices, Public Health Laboratories

Test volume estimates by method (molecular, serology/immunodiagnostics, culture/microscopy).

Review of the market dynamics, trends, structure, size, growth and major suppliers.

Current and Emerging Products

In-depth examination of over 100 major diseases, including their etiology, current diagnostic tests, vaccines, drugs and market needs.

Review of major analyzers used for infectious disease testing, including their operating characteristics, features and selling prices.

Technology Review

Assessment of molecular diagnostic, monoclonal antibody, immunoassay, and other technologies and their potential applications for infectious disease testing.

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U.S.

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DESIGN CRITERIA FOR DECENTRALIZED TESTING PRODUCTS

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COMPETITIVE ASSESSMENTS

Abbott
Agilent Technologies
Applied Gene Technologies
Arca Biopharma
Beckman Coulter/Danaher
Becton Dickinson
Biokit
bioMerieux
Bio-Rad
Decode Genetics
Eiken Chemical
Elitech Group
Enzo Biochem
Exact Sciences

Fujifilm Wako
Fujirebio
Grifols
Hologic
Illumina
Leica Biosystems
Li-Cor Biosciences
Myriad Genetics
OrthoQuidel
PerkinElmer
Proteome Sciences
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Quest Diagnostics
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