

2022-2027 North America Automated Microbiology Market in the US, Canada, Mexico-Growth Opportunities, 2022 Supplier Shares by Assay, 5-Year Segmentation Forecasts for over 100 Molecular, Identification, Susceptibility, Culture, Urine Screening and Immunodiagnostic Tests-Competitive Strategies and SWOT Analysis, Instrumentation Pipeline, Emerging Technologies, Market Barriers and Risks

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Abstracts

This new 3-country report from LeadingMarketResearch.com is available by country, market segment, section, or individual test.

The survey is designed to help current suppliers and potential market entrants identify and evaluate emerging opportunities in the automated microbiology 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 trends; reviews current and emerging assays; analyzes potential applications of innovative diagnostic technologies; forecasts volume and sales for 100 molecular diagnostic, microbial identification, antibiotic susceptibility, blood culture, urine screening and immunodiagnostic procedures; profiles leading players and potential market entrants; and suggests alternative business expansion strategies for suppliers.

Rationale

The level of automation in the microbiology laboratory has been lagging behind that of other major clinical laboratory segments, such as chemistry and hematology. The slow acceptance of the technology is in part due to the complexity of developing automation suitable for microbiology tests. The introduction of automated microbiology instrumentation has been delayed by a number of intrinsic and technical problems. The diffusion of automated microbiology systems, once the technology was developed, has not matched that of other automated laboratory technologies. The acquisition of automation in microbiology has been slowed by forces less easily identifiable than the effects of various reimbursement plans. Some laboratories still believe that current instrumentation is not the ultimate technology and expect better automation on the horizon.

The driving force behind the need for rapid reporting of microbiological test results is the clinical relevance in a time of financial austerity, a time when cost and health care effectiveness to the patient and diagnostician looms ever larger, and where after-the-fact results at high expense are coming under severe scrutiny worldwide.

This comprehensive 3-country survey will assist diagnostics industry executives, as well as companies planning to diversify into the dynamic and rapidly expanding microbiology market, in evaluating emerging opportunities and developing effective business strategies.

Country Analyses

Canada, Mexico, USA

Specimen Types

Urine

Sterile Fluids: Blood, Serum, CSF

Throat Swabs, Respiratory Secretions

Genital Secretions

Stool

Abscess/Wound

Sputum

Saliva

Applications

Microbial Identification

Antibiotic Susceptibility

Urine Screening

Blood Cultures

Review of Major Automated Systems

Review of major automated molecular diagnostic, multipurpose, specialized, microbial identification, antibiotic susceptibility, blood culture, urine screening, and immunodiagnostic analyzers marketed by Abbott, Halifax, BD, Beckman Coulter/Danaher, Biolog, bioMerieux, Bio-Rad, Cepheid, Curetis, GenMark, Hologic, HTG, Labsystems, Qiagen, Roche, Siemens Healthineers, Sy-Lab, Sysmex, Tecan, Thermo Fisher, Tosoh and other suppliers.

Infectious Diseases Analyzed in the Report

AIDS/HIV, Adenovirus, Aeromonads, Bartonella, Blastocystis Hominis, Campylobacter, Candida, Chancroid, Chlamydia, Clostridium, Coronavirus, Coxsackievirus, Cryptosporidium, Cyclospora, CMV, E. Coli, Echovirus, Encephalitis, Enterovirus, EBV, Giardia, Gonorrhea, Granuloma Inguinale, Hantavirus, H. Pylori, Hepatitis, Herpes Influenza, Legionella, Lyme Disease, Lymphogranuloma, Malaria, Measles, Meningitis, Microsporidium, Mononucleosis, Mumps, Mycoplasma, HPV, Parvovirus, Pneumonia, Polyomaviruses, Pseudomonas, Rabies, RSV, Rhinovirus, Rotavirus, Rubella, Salmonella, Septicemia, Shigella, Staphylococci, Streptococci, Syphilis, Toxoplasmosis, Trichomonas, TB, Vibrio, West Nile, Yersinia.

Technology Review

Assessment of molecular diagnostic, monoclonal antibody, immunoassay, and other technologies and their potential applications for the microbiology market.

Companies developing or marketing microbiology products, by individual test.

Competitive Assessments

Strategic assessments of major suppliers and emerging market entrants, including their sales, product portfolios, marketing tactics, collaborative arrangements and new products in R&D.

Opportunities and Strategic Recommendations

Emerging opportunities for new analyzers, 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.

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Canada

Mexico

USA

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Agilent Technologies

Beckman Coulter/Danaher

bioMérieux

Bio-Rad
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U.S.A.

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U.S.A.

Adenovirus Testing Market Diagnostics Sales by Major Supplier

U.S.A.

Campylobacter Testing Market Diagnostics Sales by Major Supplier

U.S.A.

Candida Testing Market Diagnostics Sales by Major Supplier

U.S.A.

Chancroid Testing Market Diagnostics Sales by Major Supplier

U.S.A.

Chlamydia Testing Market Diagnostics Sales by Major Supplier

U.S.A.

CMV Testing Market Diagnostics Sales by Major Supplier

U.S.A.

Cryptosporidium Testing Market Diagnostics Sales by Major Supplier

U.S.A.

Echovirus Testing Market Diagnostics Sales by Major Supplier

U.S.A.

Enterovirus Testing Market Diagnostics Sales by Major Supplier

U.S.A.

EBV Testing Market Diagnostics Sales by Major Supplier

U.S.A.

Giardia Testing Market Diagnostics Sales by Major Supplier

U.S.A.

Gonorrhea Testing Market Diagnostics Sales by Major Supplier

U.S.A.

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U.S.A.

Hepatitis Testing Market Diagnostics Sales by Major Supplier

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Herpes Testing Market Diagnostics Sales by Major Supplier

U.S.A.

Influenza Testing Market Diagnostics Sales by Major Supplier
U.S.A.

Legionella Testing Market Diagnostics Sales by Major Supplier
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Lyme Disease Testing Market Diagnostics Sales by Major Supplier
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Measles Testing Market Diagnostics Sales by Major Supplier
U.S.A.

Meningitis Testing Market Diagnostics Sales by Major Supplier
U.S.A.

Mononucleosis Testing Market Diagnostics Sales by Major Supplier
U.S.A.

Mumps Testing Market Diagnostics Sales by Major Supplier
U.S.A.

Mycoplasma Testing Market Diagnostics Sales by Major Supplier
U.S.A.

Pneumonia Testing Market Diagnostics Sales by Major Supplier
U.S.A.

Rabies Testing Market Diagnostics Sales by Major Supplier
U.S.A.

RSV Testing Market Diagnostics Sales by Major Supplier
U.S.A.

Rotavirus Testing Market Diagnostics Sales by Major Supplier
U.S.A.

Rubella Testing Market Diagnostics Sales by Major Supplier
U.S.A.

Salmonella Testing Market Diagnostics Sales by Major Supplier
U.S.A.

Septicemia Testing Market Diagnostics Sales by Major Supplier
U.S.A.

Shigella Testing Market Diagnostics Sales by Major Supplier
U.S.A.

Streptococci Testing Market Diagnostics Sales by Major Supplier
U.S.A.

Syphilis Testing Market Diagnostics Sales by Major Supplier
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Toxoplasmosis Testing Market Diagnostics Sales by Major Supplier
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U.S.A.

Molecular Diagnostics Market Sales and Shares of Major Suppliers
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Major Companies Developing or Marketing Bartonella Tests
Major Companies Developing or Marketing Campylobacter Tests
Major Companies Developing or Marketing Candida Tests
Major Companies Developing or Marketing Chlamydia Tests Major
Companies Developing or Marketing Clostridium Tests Major
Companies Developing or Marketing Coronavirus Tests Major
Companies Developing or Marketing Cryptosporidium Tests Major
Companies Developing or Marketing CMV Tests
Major Companies Developing or Marketing Echovirus Tests
Major Companies Developing or Marketing Enterovirus Tests
Major Companies Developing or Marketing EBV Tests
Major Companies Developing or Marketing Giardia Tests
Major Companies Developing or Marketing Gonorrhea Tests
Major Companies Developing or Marketing Hantavirus Tests
Major Companies Developing or Marketing Helicobacter Pylori Tests
Major Companies Developing or Marketing Hepatitis Tests
Major Companies Developing or Marketing Herpes Tests
Major Companies Developing or Marketing Influenza Tests
Major Companies Developing or Marketing Legionella Tests Major
Companies Developing or Marketing Lyme Disease Tests Major
Companies Developing or Marketing Lymphogranuloma Tests Major
Companies Developing or Marketing Malaria Tests
Major Companies Developing or Marketing Measles Tests Major
Companies Developing or Marketing Meningitis Tests Major
Companies Developing or Marketing Microsporidium Tests Major
Companies Developing or Marketing Mononucleosis Tests Major
Companies Developing or Marketing Mumps Tests
Major Companies Developing or Marketing Mycoplasma Tests
Major Companies Developing or Marketing Papilloma Virus Tests
Major Companies Developing or Marketing Parvovirus Tests
Major Companies Developing or Marketing Pneumonia Tests
Major Companies Developing or Marketing RSV Tests
Major Companies Developing or Marketing Rotavirus Tests
Major Companies Developing or Marketing Rubella Tests
Major Companies Developing or Marketing Salmonella Tests

Major Companies Developing or Marketing Septicemia Tests
Major Companies Developing or Marketing Shigella Tests
Major Companies Developing or Marketing Staphylococci Tests
Major Companies Developing or Marketing Streptococci Tests
Major Companies Developing or Marketing Syphilis Tests
Major Companies Developing or Marketing Toxoplasmosis Tests
Major Companies Developing or Marketing Trichomonas Tests
Major Companies Developing or Marketing Tuberculosis Tests
Major Companies Developing or Marketing West Nile Tests
Major Companies Developing or Marketing Yersinia Tests

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