

2017 Estonia Molecular Diagnostics Market: Infectious Diseases, Genetic Diseases, Cancer, Forensic and Paternity Testing--Test Volume and Sales Segment Forecasts, Competitive Strategies, Innovative Technologies, Instrumentation Review, Opportunities for Suppliers

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Abstracts

This new report from VPGMarketResearch.com is designed to help current suppliers and potential market entrants identify and evaluate emerging opportunities in the molecular diagnostics market during the next five years.

Highlights

Five-year test volume and sales forecasts

Feature comparison of major analyzers

Profiles of market players and start-up firms developing innovative technologies and products

Specific product and business opportunities for instrument and consumable suppliers.

Rationale

The molecular diagnostics market is unquestionably the most rapidly growing segment



of the in vitro diagnostics industry. The next five years will witness significant developments in reagent systems and automation, as well as introduction of a wide range of new products that will require innovative marketing approaches. The rate of market penetration into routine clinical laboratories, however, will depend on the introduction of cost-effective and automated systems with amplification methods.

In order to successfully capitalize on the opportunities presented by the molecular diagnostics market, many companies are already exploiting new molecular technologies as corporate strategic assets, managed in support of business and marketing strategies. Integrating new technology planning with business and corporate strategies will be one of the most challenging tasks for diagnostic companies during the next five years.

Market Segmentation Analysis

Five-year test volume and sales forecasts for major applications, including:

Infectious Diseases - Forensic Testing

Cancer - Paternity Testing/HLA Typing

Genetic Diseases - Others

Five-year test volume and sales projections for over 30 NAT assays.

Product/Technology Review

Comparison of leading molecular diagnosticanalyzers.

Review of molecular diagnostic technologies, test formats, detection methodologies, trends in testing automation and over 30 target/signal amplification methods, including:

PCR - bDNA

SDA - NASBA

TMA - SSSR, and others



LCR

Companies, universities and research centers developing new moleculardiagnostictechnologies and products.

Competitive Assessments

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

Opportunities and Strategic Recommendations

New product development opportunities with potentially significant market appeal during the next five years.

Alternative market penetration strategies.

Potential market entry barriers and risks.

Business planning issues and concerns.

Contains 1,120 pages and 48 tables



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AIDS/HIV



Adenovirus Aeromonads Anthrax/Bacillus Anthracis Arboviruses Babesiosis Bacillary Epithelioid Angiomatosis (BEA), other Bartonella (Rochalimaea) **Blastocystis Hominis** Brucella Campylobacter Candida **Chagas Disease** Chancroid Chlamydia **Clostridium Difficile** Coronaviruses Coxsackieviruses Creutzfeldt Jakob's Disease Cryptosporidium Parvum Cyclospora Cayetanensis Cytomegalovirus **Ebola Virus** E. Coli **Echovirus** Encephalitis Enteroviruses Epstein Barr Virus Giardia Lamblia Gonorrhea Granuloma Inguinale Hantavirus Helicobacter Pylori Hepatitis Herpes Simplex Virus Human Herpes Virus 6 (HHV 6) Influenza Viruses Legionella Lyme Disease Lymphogranuloma Venereum (LGV) Malaria



Measles (Rubeola)

Meningitis

Microsporidium

Mononucleosis

Mumps

Mycoplasma

Papillomaviruses

Parvovirus B19

Pneumonia

Polyomaviruses

Pseudomonas Aeruginosa

Rabies

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Yersinia

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Lung

Colon and Rectum

Breast

Skin

Uterine

Leukemia

Oral

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c. Oncogenes Abl/abl bcr AIB1 BCL2 BRCA1 CD44 C-fos C-myb C-myc CYP17 **ErbB** HPC1 Nmyc P40 P51 P53 PIK3CA PTI1 Ras Reg Sis Src **3. GENETIC DISEASES** a. Overview b. Nucleic Acid Amplification c. Chromosome Imaging d. Genomics Technologies e. Proteomics Technologies f. Current Pharmacogenomic Tests g. Future Pharmacogenomic Testing h. Major Diseases Achondroplasia Autosomal Dominant Polycystic Kidney Disease Cancer Cosmetogenomics **Cystic Fibrosis** Down's Syndrome

Duchenne and Becker Muscular Dystrophy

Factor V (Leiden)



- Factor IX Deficiency
- Fragile X Syndrome
- Heart Disease
- Hemochomatosis
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Sequenom Shimadzu Siemens Sierra Molecular Takara Bio Tecan Group Thermo Fisher/Affymetrix

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Major Companies Developing or Marketing Rubella Molecular Diagnostic Tests Major Companies Developing or Marketing Septicemia Molecular Diagnostic Tests Major Companies Developing or Marketing Shigella Molecular Diagnostic Tests Major Companies Developing or Marketing Streptococci Molecular Diagnostic Tests Major Companies Developing or Marketing Syphilis Molecular Diagnostic Tests Major Companies Developing or Marketing Toxoplasmosis Molecular Diagnostic Tests Major Companies Developing or Marketing Trichomonas Molecular Diagnostic Tests Major Companies Developing or Marketing Tuberculosis Molecular Diagnostic Tests Major Companies Developing or Marketing Tuberculosis Molecular Diagnostic Tests Major Companies Developing or Marketing Tuberculosis Molecular Diagnostic Tests Major Companies Developing or Marketing Tuberculosis Molecular Diagnostic Tests Major Companies Developing or Marketing Cancer Diagnosis Major Companies Developing or Marketing Cancer Molecular Diagnostic Tests Major Companies Developing or Marketing Molecular Diagnostic Tests For Genetic Diseases



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