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# Global PCR Testing Products & Services

April 2017



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# About This Report

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## Scope & Method

This report forecasts the world market for life science and clinical applications of polymerase chain reaction (PCR) and other nucleic acid amplification test (NAAT) technology to 2021 in US dollars. Market segments include:

- clinical NAAT
- life science NAAT
- other NAAT.

The clinical NAAT market is segmented by disease indication (infectious disease, oncology, genetic testing, transplantation, other diagnostics, and blood screening) and by region (US, Europe, Japan, China, Latin America, and the rest of the world). The life science NAAT market is segmented by product (reagents/consumables, instruments, and software and services).

To illustrate historical trends, the world market and the various segments are provided for 2016.

Market analyses in this report cover world markets for life science and clinical applications of NAAT technology. However, the reader will find a bias toward the developed areas of the globe – North America, Japan, and Western Europe. These are also the areas in which much of the life science and clinical NAAT-based testing is currently performed. For products sold to clinical laboratories or researchers, market data in this report are based on factory sales to the end user, and not on retail pricing or reimbursement payments. The dollar value of a market segment is proportional to the number of tests performed, because the cost of the instrumentation is generally buried in the per test price.

It is important to note that the market areas covered by this report are evolving quickly, and that some of the company and technology information may be outdated even as the report goes to press. Kalorama Information is fully aware of these developments. Even though some of the details may have changed by the time this report is published, the major themes, players, and issues remain unchanged.

This report quantifies trends in terms of compound annual growth rates (CAGRs), which, by definition, employ in their calculation only the first and last datapoints over a period. The CAGR is used to describe forecast growth, defined as the trend beginning in the base year and ending in the forecast year. Forecasts are developed via the identification and analysis of pertinent statistical relationships and other historical trends and events, as well as their expected impact over the forecast period. Readers are encouraged to consider historical volatility when assessing particular annual values along the forecast trend, including in the forecast year.

## About This Report

Unless otherwise indicated, both historical and forecasted market values are expressed in US dollars at a fixed 2016 rate of exchange with local currencies.

A full outline of report items by page is available in the Table of Contents.

## Sources

*Global PCR Testing Products & Services* (FW40073) is based on [PCR Market for Life Sciences and Diagnostics](#) published by Kalorama Information. The information presented in this report is derived from publicly available information sources such as company reports and announcements, government reports and databases, medical organization reports, medical associations, and other publications. The analysis is based on the author's industry knowledge combined with literature searches and discussions with industry professionals and experts in the areas where NAAT based assays are used.

Specific sources and additional resources are listed in the [Resources](#) section of this publication for reference and to facilitate further research.

## Industry Codes

Table 6 | Industry Codes Related to PCR Testing Products & Services

NAICS/SCIAN 2007		SIC	
North American Industry Classification System		Standard Industry Codes	
325412	Pharmaceutical Preparation Mfg	2834	Pharmaceutical Preparations
325413	In-Vitro Diagnostic Substance Mfg	2835	In Vitro and In Vivo Diagnostic Substances

Source: US Census Bureau

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## Resources

### Kalorama Information

*PCR Testing Market for Life Sciences and Diagnostics*, April 2017

### The Freedonia Group

#### Freedonia Industry Studies

*Medical Implants in the US*, November 2016  
*World Medical Disposables*, August 2016  
*In Vitro Diagnostic (IVD) Packaging*, June 2016  
*Infection Prevention Products & Services*, April 2016  
*Medical & Dental Adhesives & Sealants*, March 2016  
*Disposable Medical Supplies*, February 2016  
*Dental Products & Materials*, January 2016  
*Drug Delivery Products*, December 2015  
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## About This Report

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### **Agencies & Associations**

Advanced Medical Technology Association

American Cancer Society

American Medical Association

Association for the Advancement of Medical Instrumentation

Medical Device Manufacturers Association

Pharmaceutical Research and Manufacturers of America

United States Department of Health & Human Services

World Health Organization