

# Global Lab Bioanalysis Automation Market 2018 by Manufacturers, Countries, Type and Application, Forecast to 2023

<https://marketpublishers.com/r/G3811B5F2D8EN.html>

Date: September 2018

Pages: 138

Price: US\$ 3,480.00 (Single User License)

ID: G3811B5F2D8EN

## Abstracts

There have been a consensus in the bioanalytical industry that automation in bioanalytical laboratories improves sample throughput and data integrity, shortens method development time and sample data turnaround time. In addition, automation reduces tedious labor, occupational hazards, employee turnover and, in general, improves productivity. These factors all lead to benefits in drug development timelines and costing. Currently in bioanalysis, the bottleneck is mostly with the wet chemistry/sample preparation portion of the workflow, be it either sample preparation method development or sample preparation for routine analysis.

### Scope of the Report:

This report studies the Lab Bioanalysis Automation market status and outlook of Global and major regions, from angles of players, countries, product types and end industries; this report analyzes the top players in global market, and splits the Lab Bioanalysis Automation market by product type and applications/end industries.

Much like the autosampler made large, automated, overnight LCMS/MS batch runs possible, the best way to improve bioanalytical wet chemistry productivity would be a commercially available, all-in-one 'bioanalytical wet chemistry kiosk' (BWCK), which every bioanalytical lab could afford. The BWCK would take some time to become a reality and perfect its functionalities; but even if the BWCK were available today, it would take a long time for it to phase into mainstream use and completely replace the current, large installed base of generic liquid-handling robots in production.

The global Lab Bioanalysis Automation market is valued at xx million USD in 2017 and

is expected to reach xx million USD by the end of 2023, growing at a CAGR of xx% between 2017 and 2023.

The Asia-Pacific will occupy for more market share in following years, especially in China, also fast growing India and Southeast Asia regions.

North America, especially The United States, will still play an important role which cannot be ignored. Any changes from United States might affect the development trend of Lab Bioanalysis Automation.

Europe also play important roles in global market, with market size of xx million USD in 2017 and will be xx million USD in 2023, with a CAGR of xx%.

Market Segment by Companies, this report covers

Agilent Technologies

Beckman Coulter

F. Hoffmann-La Roche

Thermo Fisher Scientific

Aurora Biomed

Becton

Dickinson and Company

bioMerieux

Bio-Rad Laboratories

BioTek Instruments

Eppendorf

Hamilton Company

Hudson Robotics

PerkinElmer

Qiagen

Shimadzu

Siemens Healthineers

Synchron Lab Automation

Tecan Trading

Universal Robots

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

Asia-Pacific (China, Japan, Korea, India and Southeast Asia)

South America (Brazil, Argentina, Colombia)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Microplate readers

Automated liquid handling systems

Standalone robots

Market Segment by Applications, can be divided into

Hospital

Clinics

Medical and Biochemical Industry

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