

Electronic Lab Notebook Market by Product (Cross-disciplinary, Specific), Technology (Proprietary, Open-source), Channel (Web & Cloud-based, On-premise), End User (Pharmaceutical, Biotech, CROs, Academia Research, F&B) - Global Forecast to 2029

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Abstracts

Electronic Lab Notebook Market by Product (Cross-disciplinary, Specific), Technology (Proprietary, Open-source), Channel (Web & Cloud-based, On-premise), End User (Pharmaceutical, Biotech, CROs, Academia Research, F&B) - Global Forecast to 2029

The global electronic lab notebook market is expected to grow at a CAGR of 7.1% from 2022 to 2029 to reach \$787.7 million by 2029.

Following a comprehensive primary and secondary study and an in-depth analysis of the market scenario, this report provides the key drivers, constraints, challenges, and opportunities of the industry. The main driving factors are the increasing R&D activities in the life sciences industry, the growing use of automation in laboratories, technological advancements in laboratory informatics solutions, and the rising need to comply with regulatory frameworks.

Furthermore, rising scope of cloud-based ELNs and untapped markets in emerging economies. However, cost constraints and the reluctance to replace traditional lab notebooks with electronic lab notebooks may restrain the growth of this market. Additionally, the cost constraints and the reluctance to replace traditional lab notebooks with electronic lab notebooks pose a major challenge for the players operating in this market.

In 2022, based on product, the cross-disciplinary ELN segment is poised to command

the largest share of this market. The large market share of this segment is attributed to the ability of cross-disciplinary ELN to be used across multiple areas, unlike specific ELNs that are intended for scientists working only in a particular discipline.

In 2022, based on technology, the proprietary ELN segment is poised to command the largest share of this market. The large market share of this segment is attributed to the range of attractive features that the vendors of proprietary ELN can provide, which appeal to the end-user laboratories/organizations.

In 2022, based on channel, the web & cloud-based ELN segment is poised to command the largest share of this market. The large market share of this segment is attributed to the benefits of web & cloud-based ELN, such as low maintenance & IT costs, an easy setup & functionality without the need for an IT specialist.

In 2022, based on end user, the pharmaceutical companies segment is poised to command the largest share of this market. The large market share of this segment is attributed to the growing regulatory pressures on pharmaceutical companies to maintain data integrity, validity, and security.

An in-depth analysis of the geographical scenario of the global electronic lab notebook market provides detailed qualitative and quantitative insights for the five major geographies (North America, Europe, Asia-Pacific, the Middle East & Africa, and Latin America) along with the coverage of major countries in each region.

In 2022, North America is poised to command the largest share of the global electronic lab notebook market, followed by Europe, Asia-Pacific, Latin America, and the Middle East & Africa.

The key players operating in the global electronic lab notebook market are Abbott Laboratories (U.S.), Agilent Technologies, Inc. (U.S.), Arxspan, LLC (U.S.), Benchling, Inc. (U.S.), Eppendorf AG (Germany), Dassault Systemes SE (France), ID Business Solutions (IDBS) Ltd. (U.K.), KineMatik Inc. (U.S.), Lab-Ally, LLC (U.S.), Labforward GmbH (Germany), Labii Inc. (U.S.), LabArchives, LLC. (U.S.), LabLynx, Inc. (U.S.), LABTrack, LLC. (U.S.), LabWare, Inc. (U.S.), Mestrelab Research, S.L. (Spain), PerkinElmer, Inc. (U.S.), Thermo Fisher Scientific Inc. (U.S.), and Waters Corporation (U.S.), among others.

Scope of the Report:

Electronic Lab Notebook Market, by Product

Cross-disciplinary ELN

Specific ELN

Electronic Lab Notebook Market, by Technology

Proprietary ELN

Open-source ELN

Electronic Lab Notebook Market, by Channel

Web & Cloud-based ELN

On-premise ELN

Electronic Lab Notebook Market, by End User

Pharmaceutical Companies

Biotechnology Companies

Contract Research Organizations (CROs)

Academic Research Institutes

Food & Beverage Companies

Others End Users

Electronic Lab Notebook Market, by Geography

North America

U.S.

Canada

Europe

Germany

France

U.K.

Italy

Spain

Rest of Europe (RoE)

Asia-Pacific

China

Japan

India

Rest of APAC (RoAPAC)

Latin America

Middle East & Africa

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