

Blood Glucose Test Strips Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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Abstracts

Market Overview:

The global blood glucose test strips market size reached US\$ 11.6 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 18.9 Billion by 2028, exhibiting a growth rate (CAGR) of 8.2% during 2023-2028.

Blood glucose test strips refer to small, disposable plastic or paper strips used to monitor blood glucose levels and control diabetes symptoms. They are manufactured using polyolefin, polyamide, polysulfone and cellulose materials. A blood glucose test strip comprises several components, such as hydrophilic, adhesive, sensors, enzymes and electrode layers. They are also soaked in glucose oxidase that reacts with glucose present in the blood sample to indicate sugar levels. Apart from this, blood glucose test strips are easy to use, cost-effective, and can be used daily. Consequently, they assist in identifying high or low blood sugar levels, monitoring the effectiveness of diabetes treatment, and lowering the risks of developing hypoglycemia and/or hyperglycemia.

Blood Glucose Test Strips Market Trends:

The increasing prevalence of diabetes, especially among the growing geriatric population is creating a positive outlook for the market. In line with this, blood glucose test strips are widely used to test sugar levels regularly at home, while eliminating the need to visit a diagnostic laboratory, which is supporting the market growth. Additionally, the widespread product adoption among type-2 diabetic patients due to the easy availability of glucometers, convenient handling, and the level of accuracy provided by the machine are favoring the market growth. Moreover, the demand and online sales for

blood glucose monitoring devices and consumables, such as test strips significantly surged during the coronavirus disease (COVID-19) pandemic. This can be attributed to the increasing need to continuously monitor sugar levels in patients and commoners both as a precautionary measure and to record post-infection symptoms, which, in turn, is augmenting the market growth. Other factors, including extensive research and development (R&D) activities in the field of biomedical engineering, evolving lifestyles and eating habits, and the implementation of various government initiatives focusing on educating the masses regarding diabetes and its preventive measures, are anticipated to drive the market toward growth.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global blood glucose test strips market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on type, technology, distribution channel and end user.

Breakup by Type:

- Thick Film Electrochemical Films
- Thin Film Electrochemical Films
- Optical Strips

Breakup by Technology:

- Glucose Dehydrogenase (GDH)
- Glucose Oxidase (GOD)

Breakup by Distribution Channel:

- Online
- Offline

Breakup by End User:

- Individuals
- Hospitals and Clinics
- Others

Breakup by Region:

North America

United States

Canada

Asia-Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being 77 Elektronika Kft., Abbott Laboratories, AgaMatrix Inc., Ascensia Diabetes Care Holdings AG (PHC Holdings), B. Braun Melsungen Aktiengesellschaft, Bioland Technology Ltd., Bionime Corporation, BTNX Inc., Microlife Corporation (Midas Company Limited), Norditalia Group S.R.L., Rossmax International Ltd. and Unistrip Technologies LLC.

Key Questions Answered in This Report:

How has the global blood glucose test strips market performed so far and how will it perform in the coming years?

What has been the impact of COVID-19 on the global blood glucose test strips market?

What are the key regional markets?

What is the breakup of the market based on the type?

What is the breakup of the market based on the technology?

What is the breakup of the market based on the distribution channel?

What is the breakup of the market based on the end user?

What are the various stages in the value chain of the industry?

What are the key driving factors and challenges in the industry?

What is the structure of the global blood glucose test strips market and who are the key players?

What is the degree of competition in the industry?

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