

# **Global Dried Blood Spot Collection Cards Market Size study & Forecast, by Application (New Born Screening, Infectious Disease Testing, Therapeutic Drug Monitoring, Forensics, Cro/Research and Other Applications), by Card Type (Whatman 903, Ahlstrom 225, FTA Other Card Type) and Regional Analysis, 2022-2029**

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## **Abstracts**

Global Dried Blood Spot Collection Cards Market is valued at approximately USD 350.2 million in 2021 and is anticipated to grow with a healthy growth rate of more than 6.0% over the forecast period 2022-2029. A surge in testing demand is anticipated to have a cascading effect on dried blood spot collection cards because they are a complementing product to dried blood spot testing. In rural laboratories and other testing facilities, dried blood spot collection cards are highly preferred due to their inexpensive cost, which enables medical staff to do several tests to ensure correct results. The Dried Blood Spot Collection Cards market is expanding because of factors such as use of DBS cards in newborn screening, increasing use of DBS cards in diagnostic testing and rise of forensic toxicology applications. However, contamination caused by DBS collection Cards may halt market growth.

The prevalence rate of specific metabolic errors, endocrinopathies, and hearing loss is high and can significantly contribute to morbidity in the market, according to the National Organization for Rare Disorders, which estimates that approximately 4 million infants were screened in the U.S. in 2021 through blood samples taken from the newborn's heel before being released from a hospital or birth centre. The guidance for the newborn blood spot (NBS) screening service for cystic fibrosis (CF) in the U.K. was also updated by NHS England in May 2022. The recommendations are regarded as a lab reference

manual. IRT analysis using an initial dried blood sample is part of the standard protocol. Thus, increasing initiatives for New Born Screening is creating lucrative opportunities for the market.

The key regions considered for the Global Dried Blood Spot Collection Cards Market study include Asia Pacific, North America, Europe, Latin America, and Rest of the World. Market dominance and revenue ownership were both held by North America. Over the anticipated time, the region is predicted to maintain the current pattern. The acceleration of government programs for newborn screening testing and the expansion of research into using DBS collecting cards for other purposes can both be credited with this rise.

Major market players included in this report are:

Qiagen

PERKINELMER

Roche

Shimadzu

Ahlstrom – munksjo

Pall Corporation

Eastern Business Form Inc

Archimedlife

Centogene AG

Whatman Asia Pacific Pte. Ltd.

Recent Developments in the Market:

In February 2020, CAMAG introduced the fully automated DBS-MS 500. The DBS is immediately eluted in the extraction chamber, and the analytes are sent online to the preferred analysis system. The application of an internal standard using a high-precision sprayer and the assignment of a barcode from the DBS card are both automated steps in the processing of samples. We are excited to offer our clients the new DBS-MS 500 thanks to our relationship with CAMAG at Mason Technology.

In Aug 2020, PerkinElmer, Inc. announced the introduction of a dry blood spot (DBS) based test for SARS-CoV-2 IgG that can handle up to 5,000 samples per day. The finger-prick sample collection device enables high-throughput testing as well as dispersed sample collection. The item is advertised as a CE-IVD test, and the company intends to submit an Emergency Use Authorization (EUA) application to the American Food and Drug Administration (FDA).

Global Dried Blood Spot Collection Cards Market Report Scope:

Historical Data 2019-2020-2021

Base Year for Estimation 2021

Forecast period 2022-2029

Report Coverage Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered Application, Card Type, Region

Regional Scope North America; Europe; Asia Pacific; Latin America; Rest of the World

Customization Scope Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope\*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Application:

New Born Screening

Infectious Disease Testing

Therapeutic Drug Monitoring

Forensics

Cro/Research

Other Applications

By Card Type:

Whatman 903

Ahlstrom 225

FTA

Other Card Type

By Region:

North America

U.S.

Canada

Europe

UK

Germany  
France  
Spain  
Italy  
ROE  
Asia Pacific  
China  
India  
Japan  
Australia  
South Korea  
RoAPAC  
Latin America  
Brazil  
Mexico  
Rest of the World

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