

# Electrophoresis Technology: Global Markets

<https://marketpublishers.com/r/EF6547C183EEN.html>

Date: April 2019

Pages: 126

Price: US\$ 2,750.00 (Single User License)

ID: EF6547C183EEN

## Abstracts

### REPORT SCOPE:

The study encompasses major technologies of electrophoresis and the various product segments for each technology. The role of electrophoresis as an analytical separation method for both nucleic acid and protein molecules was examined. The major end-user applications for both GE and CE were also included within the scope of this study.

BCC Research analyzes the impact of the two major electrophoresis techniques on biological molecular separation, determines their current market status, examines their future potential, and presents forecasts of growth over the next five years.

Technological issues, including the latest trends, are discussed. The latest research findings in different industry areas are presented.

BCC Research presents the industry competitiveness for electrophoresis, technological descriptions and issues, applications, market factors, market potential, and revenue forecast projections from 2017 through 2023. Global revenue projections for the electrophoresis market have been developed by the two major technologies and by product segments for every technology. Revenue projections by end-user applications have been included.

BCC Research also examined the electrophoresis industry by regions and conducted an in-depth study on the competitive landscape for every product segment and the corresponding market share analysis for every technology.

### REPORT INCLUDES:

37 data tables and 22 additional tables

Industry analysis of the electrophoresis technology, as a standardized analytical separation method

Analyses of global market trends, with data from 2017 to 2018, and projections of compound annual growth rates (CAGRs) through 2023

Segmentation of the electrophoresis technology by type, separation technique, end use, application industry and geographical region

Discussion of current market dynamics and future market potential for both gel electrophoresis (GE) and capillary electrophoresis (CE) technologies

Coverage of electrophoresis techniques and technologies used in academia, government research laboratories, and the biopharmaceutical, environmental, chemical, forensics, and food industries

Evaluation of the impact of lab-on-a-chip electrophoresis on the overall capillary electrophoresis technology segment

Competitive landscape for every product segment and the corresponding market share analysis for every technology

Descriptive study of electrophoresis manufacturers and life sciences research companies along with their corporate profiles

Profiles of major companies of the industry, including Agilent Technologies, Biotec Fischer GmbH, Helena Laboratories, The Gel Company and Sebia, Inc.

## Contents

### CHAPTER 1 INTRODUCTION

Study Goals and Objectives  
Reasons for Doing This Study  
Scope of Report  
Information Sources  
Methodology  
Geographic Breakdown  
Analyst's Credentials  
BCC Custom Research  
Related BCC Research Reports

### CHAPTER 2 SUMMARY AND HIGHLIGHTS

### CHAPTER 3 OVERVIEW

Brief History  
Fundamentals of Electrophoresis  
Electrophoresis or Zone Electrophoresis  
Isotachopheresis  
Isoelectric Focusing (IEF)  
Electrophoresis Apparatus  
GE Apparatus  
CE Apparatus  
GE Buffers  
Buffers for CE  
Visualization Methods  
Applications of Electrophoresis  
Nucleic Acid Electrophoresis  
Protein Electrophoresis  
Market Summary

### CHAPTER 4 MARKETS BY ELECTROPHORESIS TECHNOLOGY

Electrophoresis Technologies  
Gel Electrophoresis  
Capillary Electrophoresis

Global Electrophoresis Technology Market  
Summary  
Market Drivers and Challenges  
Revenue Forecast

## **CHAPTER 5 MARKET BREAKDOWN BY PRODUCT SEGMENT**

Summary  
Electrophoresis Instruments  
Overview  
Suppliers  
Market Drivers and Challenges  
Recent Developments  
Market Trends, 2017-2023  
Aftermarket Products  
GE Aftermarket Products  
CE Aftermarket Products  
Services

## **CHAPTER 6 MARKET BREAKDOWN BY END USER**

CE End-User Segments  
Life Sciences  
Food industry  
Environmental Protection  
Chemicals  
Forensics  
CE Market Forecast, by End Users  
Global GE Revenue Forecast, by End Users

## **CHAPTER 7 MARKET BREAKDOWN BY REGION**

General Electrophoresis Markets  
Gel Electrophoresis Markets  
Capillary Electrophoresis Markets

## **CHAPTER 8 PATENT REVIEW/ NEW DEVELOPMENTS**

Patent Review

Brief Review of Technology Developments  
Recent Developments  
Other Developments

## **CHAPTER 9 INDUSTRY STRUCTURE AND COMPETITIVE ANALYSIS**

Electrophoresis Industry Structure  
Global Competitive Landscape  
Global Competitive Structure for Electrophoresis Instrumentation  
Global Competitive Structure for Electrophoresis Reagents/Supplies Market  
Global Competitive Structure for Gel Documentation/Gel Informatics and CE Detection Segment  
Distribution Channels  
M & A Activity  
Product Introductions  
Market Share Analysis  
PAGE Market Share Analysis  
PAGE Reagents Market  
Gel Imaging and Informatics Segment Market Share Analysis  
CE Market  
Agarose Gel Media Market Share Analysis  
Nucleic Acid Submarine Electrophoresis Market Share Analysis

## **CHAPTER 10 COMPANY PROFILES**

AB SCIEX LLC (FORMERLY BECKMAN COULTER INC.)  
ADVANCED ANALYTICAL TECHNOLOGIES INC.  
AGILENT TECHNOLOGIES  
BIO-RAD LABORATORIES  
BIOTEC FISCHER GMBH  
BIOMETRA GMBH  
DECODON GMBH  
ELCHROM SCIENTIFIC AG  
GE HEALTHCARE BIO-SCIENCES  
THE GEL COMPANY  
HARVARD BIOSCIENCE  
HELENA LABORATORIES  
HOEFER, INC. (DIVISION OF HARVARD BIOSCIENCE)  
PICOMETRICS TECHNOLOGIES SAS

PRINCE TECHNOLOGIES B.V.  
SCIE-PLAS (DIVISION OF HARVARD BIOSCIENCE)  
SEBIA, INC.  
SERVA ELECTROPHORESIS GMBH  
SHIMADZU CORP.  
SIGMA-ALDRICH CORP.  
SYNGENE  
THERMO FISHER SCIENTIFIC INC.  
TOTALLAB LTD.  
WEALTEC CORP.

## List Of Tables

### LIST OF TABLES

Summary Table: Global Market for Electrophoresis, by Type of Technology, Through 2023

Table 1: Detergent Additives Used in Electrophoresis

Table 2: Major User Applications of SDS PAGE Technique

Table 3: Benefits and Limitations of Commonly Used Dyes

Table 4: Separation Mechanism and Applications of Modes of CE

Table 5: Benefits of Electrochemical Detection

Table 6: Electrophoresis Technology: Challenges

Table 7: Global Market for Electrophoresis, by Technology, Through 2023

Table 8: Global Market Shares for Electrophoresis, by Technology, 2017-2023

Table 9: Global Market for Gel Electrophoresis, by Technology, Through 2023

Table 10: Global Market Shares for Gel Electrophoresis, by Technology, 2017-2023

Table 11: Global Market for PAGE Technology, by Application, Through 2023

Table 12: Global Market Shares for PAGE Technology, by Application, 2017-2023

Table 13: Global Market for Electrophoresis, by Product, Through 2023

Table 14: Global Market Shares for Electrophoresis, by Product, 2017-2023

Table 15: Suppliers of Gel Electrophoresis Instruments

Table 16: Suppliers of Capillary Electrophoresis Instruments

Table 17: Market Drivers for Electrophoresis Instrumentation

Table 18: Market Challenges for Electrophoresis Instrumentation

Table 19: Global Market for Electrophoresis Instrumentation, Through 2023

Table 20: Global Market Shares for Electrophoresis Instrumentation, 2017-2023

Table 21: Global Market for Electrophoresis Aftermarket Products, by Segment, Through 2023

Table 22: Global Market Shares for Electrophoresis Aftermarket Products, by Segment, 2017-2023

Table 23: Major Suppliers of Precast Gels

Table 24: Global Market for GE Gels, Through 2023

Table 25: Global Market Shares for GE Gels, 2017-2023

Table 26: Market Drivers for Other GE Consumables

Table 27: Market Challenges for Other GE Consumables

Table 28: Gel Imaging/Gel Informatics System Suppliers

Table 29: Market Drivers for Gel Imaging/Gel Informatics Segment

Table 30: Market Challenges for Gel Imaging/Gel Informatics Segment

Table 31: Global Market for PAGE Aftermarket Products, Through 2023

Table 32: Global Market Shares for PAGE Aftermarket Products, 2017-2023
Table 33: List of Polymer Matrices Used in CGE
Table 34: Global Market for Electrophoresis Services, by Segment, Through 2023
Table 35: Global Market Shares for Electrophoresis Services, by Segment, 2017-2023
Table 36: Global Market for Capillary Electrophoresis, by End User, Through 2023
Table 37: Global Market Shares for Capillary Electrophoresis, by End User, 2017-2023
Table 38: Applications of CE SDS in the Pharmaceutical Industry
Table 39: Global Market for Capillary Electrophoresis, by End User, Through 2023
Table 40: Global Market Shares for Capillary Electrophoresis, by End User, 2017-2023
Table 41: Global Market for Gel Electrophoresis, by End User, Through 2023
Table 42: Global Market Shares for Gel Electrophoresis, by End User, 2017-2023
Table 43: Regional Markets for Electrophoresis Technology, Through 2023
Table 44: Regional Market Shares for Electrophoresis Technology, 2017-2023
Table 45: Global Market for Gel Electrophoresis, by Region, Through 2023
Table 46: Global Market Shares for Gel Electrophoresis, by Region, 2017-2023
Table 47: Global Market for Capillary Electrophoresis, by Region, Through 2023
Table 48: Global Market Shares for Capillary Electrophoresis, by Region, 2017-2023
Table 49: Benefits of Using Plexiglass Apparatus
Table 50: Major Competitive Factors for the Electrophoresis Market
Table 51: Partnerships/Strategic Alliances in the Electrophoresis Industry
Table 52: Electrophoresis Product Portfolios, by Company
Table 53: Vendor U.S. Market Shares for PAGE Apparatus, 2017
Table 54: Vendor U.S. Market Shares for PAGE Reagents, 2017
Table 55: Vendor U.S. Market Shares for PAGE Gel Imaging and Gel Informatics, 2017
Table 56: Vendor U.S. Market Shares for Traditional CE, 2017
Table 57: Vendor U.S. Market Share for Agarose Media, 2017
Table 58: Vendor U.S. Market Share for Nucleic Acid Submarine Electrophoresis Instrumentation, 2017



## List Of Figures

### LIST OF FIGURES

Summary Figure: Global Market for Electrophoresis, by Type of Technology, 2017-2023

Figure 1: Global Market for Electrophoresis, by Type of Technology, 2017-2023

Figure 2: Global Market for Electrophoresis, by Product/Service Segment, 2017-2023

Figure 3: Global Market for Electrophoresis, by End-Use Segment, 2017-2023

Figure 4: Global Market for Electrophoresis, by Region, 2017-2023

Figure 5: Global Market for Electrophoresis, by Technology, 2017-2023

Figure 6: Global Market Shares for Electrophoresis, Technology, 2017-2023

Figure 7: Global Market for Gel Electrophoresis, by Technology, 2017-2023

Figure 8: Global Market Shares for Gel Electrophoresis Technology, 2017-2023

Figure 9: Global Market for PAGE Technology, by Application, 2017-2023

Figure 10: Global Market Share for PAGE Technology, by Application, 2017-2023

Figure 11: Global Market for Electrophoresis, by Product, 2017-2023

Figure 12: Global Market Shares for Electrophoresis, by Product, 2017-2023

Figure 13: Global Market for Electrophoresis Instrumentation, 2017-2023

Figure 14: Global Market Shares for Electrophoresis Instrumentation Market, 2017-2023

Figure 15: Global Market for Electrophoresis Aftermarket Products, by Segment, 2017-2023

Figure 16: Global Market Shares for Electrophoresis Aftermarket Products, by Segment, 2017-2023

Figure 17: Global Market for GE Gels, 2017-2023

Figure 18: Global Market Shares for GE Gels, 2017-2023

Figure 19: Global Market for PAGE Aftermarket Products, 2017-2023

Figure 20: Global Market Shares for PAGE Aftermarket Products, 2017-2023

Figure 21: Global Market for Electrophoresis Services, by Segment, 2017-2023

Figure 22: Global Market Shares for Electrophoresis Services, by Segment, 2017-2023

Figure 23: Global Market for Capillary Electrophoresis, by End User, 2017-2023

Figure 24: Global Market Shares for Capillary Electrophoresis, by End User, 2017-2023

Figure 25: Global Market for Capillary Electrophoresis, by End User, 2017-2023

Figure 26: Global Market Share for Capillary Electrophoresis, by End User, 2017-2023

Figure 27: Global Market for Gel Electrophoresis, by End User, 2017-2023

Figure 28: Global Market Shares for Gel Electrophoresis, by End User, 2017-2023

Figure 29: Regional Markets for Electrophoresis Technology, 2017-2023

Figure 30: Regional Market Shares for Electrophoresis Technology, 2017-2023

Figure 31: Global Market for Gel Electrophoresis, by Region, 2017-2023

Figure 32: Global Market Shares for Gel Electrophoresis, by Region, 2017-2023

- Figure 33: Global Market for Capillary Electrophoresis, by Region, 2017-2023
- Figure 34: Global Market Shares for Capillary Electrophoresis, by Region, 2017-2023
- Figure 35: Global Patents Issued for Electrophoresis Technologies, 2014-2018
- Figure 36: Annual Trends in Number of Electrophoresis Patents Issued, 2014-2018
- Figure 37: Annual Trends in Number of Electrophoresis Patents Issued, by Technology, 2014-2018
- Figure 38: Global Patents Issued for Electrophoresis Technologies, by Country, 2014–2018
- Figure 39: Vendor U.S. Market Shares for PAGE Apparatus, 2017
- Figure 40: Vendor U.S. Market Shares for PAGE Reagents, 2017
- Figure 41: Vendor U.S. Market Shares for PAGE Gel Imaging and Gel Informatics, 2017
- Figure 42: Vendor U.S. Market Shares for Traditional CE, 2017
- Figure 43: Vendor U.S. Market Shares for Agarose Media, 2017
- Figure 44: Vendor U.S. Market Share for Nucleic Acid Submarine Electrophoresis Instrumentation, 2017

## I would like to order

Product name: Electrophoresis Technology: Global Markets

Product link: <https://marketpublishers.com/r/EF6547C183EEN.html>

Price: US\$ 2,750.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/EF6547C183EEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970