

NORTH AMERICA STEM CELL ASSAY MARKET FORECAST 2017-2025

https://marketpublishers.com/r/N22E2DB9A44EN.html

Date: May 2017 Pages: 62 Price: US\$ 1,250.00 (Single User License) ID: N22E2DB9A44EN

Abstracts

KEY FINDINGS

The North America stem cell assay market is expected to grow \$1082 million by 2025. The market growth is expected at the CAGR of 21.69% in the forecast period. The base year considered for the market study is 2016. Rise in the adoption of stem cell assay, the evolvement of technology and increase spending in the stem cell assay market are the key drivers in the North America stem cell assay market.

MARKET INSIGHTS

The North America stem cell assay market is segmented on the basis of types of assay, product, kits, application, end-user and geography. The North America stem cell assay market by type is segmented into cell viability and toxicity assays, isolation and purification assays, cell identification assays, cell differentiation assays, cell function assays and cell apoptosis assays. The product of North America stem cell assay market is segmented into instruments and detection kits. The kits of stem cell assay market are further segmented into adult stem cell kits, human embryonic stem cell kit. The stem cell market by application is further bifurcated into regenerative medicine and therapy development, drug discovery and development and clinical research market. The enduser of stem cell market is segmented into research institutes and industry research. The North America stem cell assay market by geography is segmented into US, Canada, and rest of North America. Increasing Adoption of Stem Cell Assay, improvement in the Technology, high expense in Stem Cell Research are the major drivers for the market growth in North America region. The rise in the adoption of stem cell assay for drug screening & testing is one of the major reasons driving the industry research



Contents

1. RESEARCH SCOPE

- 1.1. STUDY GOALS
- 1.2. SCOPE OF THE MARKET STUDY
- 1.3. WHO WILL FIND THIS REPORT USEFUL?
- 1.4. STUDY AND FORECASTING YEARS

2. RESEARCH METHODOLOGY

2.1. SOURCES OF DATA

- 2.1.1. SECONDARY DATA
- 2.1.2. PRIMARY DATA
- 2.2. TOP DOWN APPROACH
- 2.3. BOTTOM-UP APPROACH
- 2.4. DATA TRIANGULATION
- 2.5. ESTIMATION METHODOLOGY

3. EXECUTIVE SUMMARY

- 3.1. MARKET SUMMARY
- 3.2. KEY FINDINGS
- 3.2.1. UNITED STATES IS THE FASTEST GROWING STEM CELL ASSAY MARKET
- 3.2.2. INDUSTRY RESEARCH IS THE LEADING END-USER SEGMENT
- 3.2.3. DEMAND FOR REGENERATIVE MEDICINE

4. MARKET OVERVIEW

- 4.1. MARKET DRIVERS
- 4.1.1. RISING ADOPTION OF STEM CELL ASSAY
- 4.1.2. IMPROVEMENT IN TECHNOLOGY
- 4.1.3. SPENDING IN STEM CELL RESEARCH
- 4.2. MARKET RESTRAINTS
- 4.2.1. HIGH COST FOR TREATMENT
- 4.2.2. SLOW RESPONSE TIME OF REGULATORY BODIES
- 4.3. MARKET OPPORTUNITIES
- 4.3.1. CHANGING MARKET DYNAMICS
- 4.4. MARKET CHALLENGES



4.5. ISSUE IN THE PATIENT'S IMMUNE SYSTEM

5. MARKET SEGMENTATION

- 5.1. BY TYPES OF ASSAY
 - 5.1.1. CELL VIABILITY & TOXICITY ASSAYS
- 5.1.2. ISOLATION/PURIFICATION ASSAYS
- 5.1.3. CELL IDENTIFICATION ASSAYS
- 5.1.4. CELL DIFFERENTIATION ASSAYS
- 5.1.5. CELL FUNCTION ASSAYS
- 5.1.6. CELL APOPTOSIS ASSAYS
- 5.2. BY PRODUCT
 - 5.2.1. INSTRUMENTS
 - 5.2.2. DETECTION KITS
- 5.3. BY KITS
 - 5.3.1. ADULT STEM CELL KITS
 - 5.3.1.1. MESENCHYMAL STEM CELL KITS
 - 5.3.1.2. INDUCED PLURIPOTENT STEM CELL KITS
 - 5.3.1.3. HEMATOPOIETIC STEM CELL KITS
 - 5.3.1.4. NEURONAL STEM CELLS KITS
 - 5.3.1.5. UMBILICAL CORD STEM CELLS
- 5.3.2. HUMAN EMBRYONIC STEM CELLS KITS
- 5.4. BY APPLICATION
 - 5.4.1. REGENERATIVE MEDICINE & THERAPY DEVELOPMENT
 - 5.4.1.1. ORTHOPEDIC & MUSCULOSKELETAL SPINE STEM CELL ASSAY)
 - 5.4.1.2. DERMATOLOGY STEM CELL
 - 5.4.1.3. CARDIOVASCULAR STEM CELL ASSAY
 - 5.4.1.4. CENTRAL NERVOUS SYSTEM STEM CELL ASSAY
 - 5.4.1.5. ONCOLOGY STEM CELL ASSAY
 - 5.4.2. DRUG DISCOVERY AND DEVELOPMENT
 - 5.4.3. CLINICAL RESEARCH MARKET
- 5.5. END USER
 - 5.5.1. RESEARCH INSTITUTES
 - 5.5.2. INDUSTRY RESEARCHCHAP

6. KEY ANALYTICAL

- 6.1. PORTER'S FIVE FORCE MODEL
- 6.1.1. THREAT OF NEW ENTRANTS



6.1.2. THREAT OF SUBSTITUTE PRODUCTS OR SERVICES6.1.3. BARGAINING POWER OF BUYER

6.1.4. BARGAINING POWER OF SUPPLIER

6.1.5. INTENSITY OF COMPETITIVE RIVALRY

- 6.2. PESTEL ANALYSIS
- 6.3. OPPORTUNITY MATRIX
- 6.4. KEY BUYING CRITERIA
- 6.4.1. PRICING
- 6.4.2. EFFICACY
- 6.4.3. ACCURACY
- 6.5. STRATEGIC RECOMMENDATION & CONCLUSION
- 6.6. VENDOR LANDSCAPE
- 6.7. VALUE CHAIN ANALYSIS

7. REGIONAL ANALYSIS

7.1. NORTH AMERICA STEM CELL ASSAY MARKET

- 7.1.1. UNITED STATES STEM CELL ASSAY MARKET
- 7.1.2. CANADA STEM CELL ASSAY MARKET

8. COMPANY PROFILES

- 8.1. PROMEGA CORPORATION 8.1.1. OVERVIEW 8.1.2. PRODUCTS PORTFOLIO 8.1.3. STRATEGIC INITIATIVES 8.1.4. SCOT ANALYSIS 8.1.5. STRATEGIC ANALYSIS 8.2. CELL BIO LABS, INC. 8.2.1. OVERVIEW 8.2.2. PRODUCT PORTFOLIO 8.2.3. SCOT ANALYSIS 8.2.4. STRATEGIC ANALYSIS 8.3. GE HEALTHCARE 8.3.1. OVERVIEW 8.3.2. PRODUCT PORTFOLIO 8.3.3. SCOT ANALYSIS 8.3.4. ANALYSIS 8.4. THERMO FISHER SCIENTIFIC PVT. LTD



8.4.1. OVERVIEW 8.4.2. PRODUCT PORTFOLIO 8.4.3. STRATEGIC INITIATIVE 8.4.4. SCOT ANALYSIS 8.4.5. STRATEGIC ANALYSIS 8.5. MERCK MILLIPORE (HOLDING COMPANY IS MERCKKGAA) 8.5.1. OVERVIEW 8.5.2. PRODUCT PORTFOLIO 8.5.3. STRATEGIC INITIATIVES 8.5.4. SCOT ANALYSIS 8.5.5. STRATEGIC ANALYSIS 8.6. HEMOGENIX INC. 8.6.1. OVERVIEW 8.6.2. PRODUCT PORTFOLIO 8.6.3. SCOT ANALYSIS 8.6.4. STRATEGIC ANALYSIS **8.7. STEMCELL TECHNOLOGIES** 8.7.1. OVERVIEW 8.7.2. PRODUCT PORTFOLIO 8.7.3. SCOT ANALYSIS 8.7.4. STRATEGIC ANALYSIS 8.8. BIO-RAD 8.8.1. OVERVIEW 8.8.2. PRODUCT PORTFOLIO 8.8.3. SCOT ANALYSIS 8.8.4. STRATEGIC ANALYSIS 8.9. R&D SYSTEMS 8.9.1. OVERVIEW 8.9.2. PRODUCT PORTFOLIO 8.9.3. SCOT ANALYSIS 8.9.4. STRATEGIC ANALYSIS 8.10. CELLULAR DYNAMICS INTERNATIONAL (HOLDING COMPANY FUJIFILM) 8.10.1. OVERVIEW 8.10.2. PRODUCT PORTFOLIO 8.10.3. STRATEGIC INITIATIVES 8.10.4. SCOT ANALYSIS

8.10.5. STRATEGIC ANALYSIS

TABLE LIST



TABLE 1 NORTH AMERICA STEM CELL ASSAY MARKET BY TYPES OF ASSAY 2017-2025 (\$ MILLION)

TABLE 2 NORTH AMERICA STEM CELL ASSAY MARKET BY CELL VIABILITY & TOXICITY ASSAYS 2017-2025 (\$ MILLION)

TABLE 3 NORTH AMERICA STEM CELL ASSAY MARKET BY

ISOLATION/PURIFICATION ASSAYS 2017-2025 (\$ MILLION)

TABLE 4 NORTH AMERICA STEM CELL ASSAY MARKET BY CELL

IDENTIFICATION ASSAYS 2017-2025 (\$ MILLION)

TABLE 5 NORTH AMERICA STEM CELL ASSAY MARKET IN CELL

DIFFERENTIATION ASSAYS 2017-2025 (\$ MILLION)

TABLE 6 NORTH AMERICA STEM CELL ASSAY MARKET IN CELL FUNCTION ASSAYS 2017-2025 (\$ MILLION)

TABLE 7 NORTH AMERICA STEM CELL ASSAY MARKET BY CELL APOPTOSIS ASSAYS 2017-2025 (\$ MILLION)

TABLE 8 NORTH AMERICA STEM CELL ASSAY MARKET BY PRODUCT 2017-2025 (\$ MILLION)

TABLE 9 NORTH AMERICA STEM CELL ASSAY MARKET BY INSTRUMENTS MARKET 2017-2025 (\$ MILLION)

TABLE 10 NORTH AMERICA STEM CELL ASSAY MARKET BY DETECTION KITS MARKET 2017-2025 (\$ MILLION)

TABLE 11 NORTH AMERICA STEM CELL ASSAY MAREKT BY KITS 2017-2025 (\$ MILLION)

TABLE 12 NORTH AMERICA STEM CELL ASSAY MAREKT BY ADULT STEM CELL KITS 2017-2025 (\$ MILLION)

TABLE 13 NORTH AMERICA HUMAN EMBRYONIC STEM CELLS KITS MARKET 2017-2025 (\$ MILLION)

TABLE 14 NORTH AMERICA STEM CELL ASSSAY MARKET BY APPLICATION 2017-2025 (\$ MILLION)

TABLE 15 NORTH AMERICA REGENERATIVE AND MEDICINE THARAPY MARKET2017-2025 (\$ MILLION)

TABLE 16 NORTH AMERICA STEM CELL ASSAY DRUG DISCOVERY APPLICATION MARKET 2017-2025 (\$ MILLION)

TABLE 17 NORTH AMERICA STEM CELL ASSAY CLINICAL RESEARCH MARKET2017-2025 (\$ MILLION)

TABLE 18 NORTH AMERICA STEM CELL ASSAY MARKET BY END USER2017-2025(\$ MILLION)

TABLE 19 RESEARCH ACTIVITIES ON DEIFFERENT TYPE OF STEM CELLSTABLE 20 NORTH AMERICA STEM CELL ASSAY MARKET BY INDUSTRY



RESEARCH 2017-2025 (\$ MILLION)

TABLE 21 NORTH AMERICA STEM CELL ASSAY MARKET 2017-2025 (\$ MILLION) TABLE 22 FUNDS ALLOCATED FOR RESEARCH ACTIVITIES IN BUDGET 2016 FIGURES LIST

FIGURE 1 MARKET SHARE OF INDUSTRY RESEARCH IN STEM CELL ASSAY MARKET 2017-2025 (%)

FIGURE 2 REGENERATIVE MEDICINE & THERAPY DEVELOPMENT BY MARKET SHARE 2016 & 2025 (%)

FIGURE 3 INVESTMENT BY THE PHARMACY MEMBERS IN RESEARCH AND DEVELOPMENT (\$ BILLION)

FIGURE 4 INVESTMENT ON STEM CELL RESEARCH BY NIH 2013-2016 (\$ BILLION)

FIGURE 5 NORTH AMERICA STEM CELL ASSAY MARKET BY HUMAN EMBRYONIC STEM CELLS 2017-2025 (\$ MILLION)

FIGURE 6 NORTH AMERICA STEM CELL ASSAY APPLICATION MARKET BY REGENERATIVE MEDICINE AND THERAPY 2017-2025 (\$ MILLION)

FIGURE 7 NORTH AMERICA STEM CELL ASSAY APPLICATION MARKET BY DRUG DISCOVERY AND DEVELOPMENT 2017-2025 (\$ MILLION)

FIGURE 8 NORTH AMERICA STEM CELL ASSAY APPLICATION MARKET BY CLINICAL RESEARCH 2017-2025 (\$ MILLION)

FIGURE 9 NORTH AMERICA STEM CELL ASSAY MARKET BY RESEARCH INSTITUTES 2017-2025 (\$ MILLION)

FIGURE 10 NORTH AMERICA STEM CELL ASSAY MARKET BY INDUSTRY RESEARCH 2017-2025 (\$ MILLION)

FIGURE 11 TYPE OF CELL THERAPY IN THE YEAR 2015

FIGURE 12 CAUSES DEATHS UNDER AGE 70 DUE TO NCD'S 2015

FIGURE 13 PROJECTED NUMBER OF NEW CANCER CASES AND DEATHS BY SEX IN THE U.S., 2016

FIGURE 14 NORTH AMERICA STEM CELL ASSAY REGIONAL MARKET BREAKDOWN 2016 & 2025 (%)

FIGURE 15 UNITED STATES (U.S.) STEM CELL ASSAY MARKET 2017-2025 (\$ MILLION)

FIGURE 16 PREVALENCE OF THE CANCER DISORDERS AMONG THE CANADIAN POPULATION IN 2015

FIGURE 17 CANADA STEM CELL ASSAY MARKET 2017-2025 (\$ MILLION)



I would like to order

Product name: NORTH AMERICA STEM CELL ASSAY MARKET FORECAST 2017-2025 Product link: <u>https://marketpublishers.com/r/N22E2DB9A44EN.html</u>

Price: US\$ 1,250.00 (Single User License / Electronic Delivery) If you want to order Corporate License or Hard Copy, please, contact our Customer Service: <u>info@marketpublishers.com</u>

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <u>https://marketpublishers.com/r/N22E2DB9A44EN.html</u>

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

Custumer signature _____

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

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