

Preimplantation Genetics Diagnosis (PGD) Market By Test Type (Chromosomal Abnormalities, Aneuploidy, X-linked diseases, Single Gene Disorders, HLA Typing, Gender selection) - Global Opportunity Analysis and Industry Forecast, 2014-2022

<https://marketpublishers.com/r/PB1AF1C0475EN.html>

Date: December 2016

Pages: 100

Price: US\$ 3,999.00 (Single User License)

ID: PB1AF1C0475EN

Abstracts

Preimplantation genetic diagnosis (PGD) also referred as embryo screening, is a branch of genetics involves in genetic testing of embryo through in-vitro fertilization (IVF). PGD eliminates risk of selective pregnancy termination for couples who are at substantial risk of transferring serious genetic, chromosomal, or hereditary disorders such as spinal muscular atrophy and cystic fibrosis.

The global PGD market size is estimated to be \$79.5 million in 2015 and expected to reach \$121.5 million registering a CAGR of 6.14% from 2016 to 2022. The global PGD market is expected to witness notable growth in the near future owing to the rise in prevalence of genetic, hereditary, and chromosomal diseases. Moreover, PGD have high chances of conceiving healthy embryos. However, the high costs incurred in the PGD technologies hamper the market growth. Moreover, stringent government regulations and ethical concerns also obstruct the market growth. In the near future, increase is expected in adoption of PGD worldwide owing to its various applications for development of healthy embryo.

The global PGD market is segmented based on the test type and geography. Based on type, the market can be segmented into aneuploidy, chromosomal abnormalities, gender selection, HLA typing, single gene disorder, X-linked diseases, and others (disability, and adult onset disease). Geographically, the market is segmented into North America, Europe, Asia-Pacific and LAMEA.

The key market players are Reprogenetics, LLC, Genea Limited, Illumina, Inc., Laboratory Corporation of America Holdings, Natera, Inc., PerkinElmer, Inc., Quest Diagnostics Incorporated, Genesis Genetics Ltd., and Reproductive Genetics

Innovations LLC.

KEY MARKET BENEFITS:

In-depth study of the global preimplantation genetic diagnostic market was conducted based on current testing trends of genetic test and based on the preferences for designer babies

Potential analysis of opportunities was evaluated for understanding different aspects of preimplantation genetic test that are currently under various phases of clinical trials along with the variants that would gain prominence in the future

A deep analysis of key market dynamics that influence the adoption of PGD tests in the forecast period

Analysis of volume and value share analysis of PGD testing at a global and regional level

Key market players are profiled and their strategies are analyzed thoroughly for understanding the various technologies adopted by them for development and production of diagnostic tests for PGD testing

KEY MARKET SEGMENT:

By Test Type

Chromosomal abnormalities

Gender selection

X-linked diseases

Aneuploidy

Single gene disorders

Others

By Region

North America

Europe

Asia-Pacific

LAMEA

Key Benefits

The report provides an in-depth analysis of the PGD market with current and future estimates to elucidate the investment pockets

Current and future trends are outlined to determine the overall attractiveness market and to single out profitable trends to gain a stronger foothold in the market

The report provides information regarding key drivers, restraints, and opportunities along with their impact analysis on the PGD market

Quantitative analysis of the current market and estimations for 2014–2022 is provided to understand the financial competency of the market

Porters Five Forces Model of the industry illustrates the potency of the buyers & suppliers participating in the market

Comprehensive analyses of all regions are provided to determine the predominant opportunities in these geographies

Key market players of PGD market are analyzed to understand the competitive outline of the global PGD market

KEY MARKET SEGMENTS

BY TYPE

Preimplantation Genetics Diagnosis (PGD) Market By Test Type (Chromosomal Abnormalities, Aneuploidy, X-linked...

Chromosomal Abnormalities

Aneuploidy

X-linked diseases

Single Gene Disorder

HLA Typing

Gender Selection

Others

BY GEOGRAPHY:

North America

Europe

Asia-Pacific

LAMEA

Contents

CHAPTER: 1 INTRODUCTION

- 1.1 Report Description
- 1.2 Key Benefits
- 1.3 Key Market Segments:
- 1.4 Research methodology
 - 1.4.1 Secondary research
 - 1.4.2 Primary research
 - 1.4.3 Analyst tools and models

CHAPTER: 2 EXECUTIVE SUMMARY

- 2.1 CXO perspective

CHAPTER: 3 MARKET OVERVIEW

- 3.1 Market definition and scope
- 3.2 Key findings
 - 3.2.1 Top impacting factor
 - 3.2.2 Top winning strategies
 - 3.2.3 Top investment pockets
- 3.3 Porters five forces analysis
 - 3.3.1 Low bargaining power of suppliers due to large number of suppliers and moderate switching cost
 - 3.3.2 Moderate bargaining power of buyers due to large number of buyers, high product dependency and moderate switching cost.
 - 3.3.3 Moderate threat of substitutes due to ease of substitution, moderate price war and high brand loyalty
 - 3.3.4 Low threat of new entrants due to presence of dominant players and high investment cost and legal barriers
 - 3.3.5 Presence of numerous players, high growth rate and high economic base increases the competition among rivalries
- 3.4 Drivers
 - 3.4.1 Effective solution for the healthy embryos
 - 3.4.2 Increasing infertility rate and genetic, hereditary and chromosomal diseases
 - 3.4.3 Innovative and wide range of applications such as development of savior siblings and gender selection among others

3.5 Restraints

3.5.1 Stringent regulations and ethical concerns

3.5.2 High cost incurred and risk involved in PGD

3.6 Opportunities

3.6.1 Increasing adoption of PGD in developing countries

CHAPTER: 4 WORLD PGD MARKET, BY TEST TYPE

4.1 Introduction

4.2 Chromosomal Abnormalities

4.2.1 Key market trends

4.2.2 Key growth factors and opportunities

4.2.3 Market size and forecast

4.2.4 North America Chromosomal Abnormalities Market, Growth (%) 2014-2022

4.2.5 Europe Chromosomal Abnormalities Market, Growth (%) 2014-2022

4.2.6 Asia Pacific Chromosomal Abnormalities Market, Growth (%) 2014-2022

4.2.7 LAMEA Chromosomal Abnormalities Market, Growth (%) 2014-2022

4.3 Aneuploidy

4.3.1 Key market trends

4.3.2 Key growth factors and opportunities

4.3.3 Market size and forecast

4.3.4 North America Aneuploidy Market, Growth (%) 2014-2022

4.3.5 Europe Aneuploidy Market, Growth (%) 2014-2022

4.3.6 Asia Pacific Aneuploidy Market, Growth (%) 2014-2022

4.3.7 LAMEA Aneuploidy Market, Growth (%) 2014-2022

4.4 X-linked Diseases

4.4.1 Key market trends

4.4.2 Key growth factors and opportunities

4.4.3 Market size and forecast

4.4.4 North America X-Linked Diseases Market, Growth (%) 2014-2022

4.4.5 Europe X-Linked Diseases Market, Growth (%) 2014-2022

4.4.6 Asia Pacific X-Linked Diseases Market, Growth (%) 2014-2022

4.4.7 LAMEA X-Linked Diseases Market, Growth (%) 2014-2022

4.5 Single Gene Disorders

4.5.1 Key market trends

4.5.2 Key growth factors and opportunities

4.5.3 Market size and forecast

4.5.4 North America Single Gene Disorders Market, Growth (%) 2014-2022

4.5.5 Europe Single Gene Disorders Market, Growth (%) 2014-2022

- 4.5.6 Asia Pacific Single Gene Disorders Market, Growth (%) 2014-2022
- 4.5.7 LAMEA Single Gene Disorders Market, Growth (%) 2014-2022
- 4.6 HLA Typing
 - 4.6.1 Key market trends
 - 4.6.2 Key growth factors and opportunities
 - 4.6.3 Market size and forecast
 - 4.6.4 North America HLA Typing Market, Growth (%) 2014-2022
 - 4.6.5 Europe HLA Typing Market, Growth (%) 2014-2022
 - 4.6.6 Asia Pacific HLA Typing Market, Growth (%) 2014-2022
 - 4.6.7 LAMEA HLA Typing Market, Growth (%) 2014-2022
- 4.7 Gender selection
 - 4.7.1 Key market trends
 - 4.7.2 Key growth factors and opportunities
 - 4.7.3 Market size and forecast
 - 4.7.4 North America Gender Selection Market, Growth (%) 2014-2022
 - 4.7.5 Europe Gender Selection Market, Growth (%) 2014-2022
 - 4.7.6 Asia Pacific Gender Selection Market, Growth (%) 2014-2022
 - 4.7.7 LAMEA Gender Selection Market, Growth (%) 2014-2022
- 4.8 Others PGD Test (Disability and Adult Onset Disease)
 - 4.8.1 Key market trends
 - 4.8.2 Key growth factors and opportunities
 - 4.8.3 Market size and forecast
 - 4.8.4 North America Others PGD Market, Growth (%) 2014-2022
 - 4.8.5 Europe Others PGD Market, Growth (%) 2014-2022
 - 4.8.6 Asia Pacific Others PGD Market, Growth (%) 2014-2022
 - 4.8.7 LAMEA Others PGD Market, Growth (%) 2014-2022

CHAPTER: 5 WORLD PGD MARKET, BY GEOGRAPHY

- 5.1 Introduction
- 5.2 North America
 - 5.2.1 Key market trends
 - 5.2.2 Key growth factors and opportunities
 - 5.2.3 Market size and forecast
- 5.3 Europe
 - 5.3.1 Key market trends
 - 5.3.2 Key growth factors and opportunities
 - 5.3.3 Market size and forecast
- 5.4 Asia Pacific (APAC)

- 5.4.1 Key market trends
- 5.4.2 Key growth factors and opportunities
- 5.4.3 Market size and forecast

5.5 LAMEA

- 5.5.1 Key market trends
- 5.5.2 Key growth factors and opportunities
- 5.5.3 Market size and forecast

CHAPTER: 6 COMPANY PROFILE

6.1 Reprogenetics, LLC.

- 6.1.1 Company Snapshot
- 6.1.2 Operating business segments
- 6.1.3 Business performance
- 6.1.4 Key strategies & developments

6.2 F. Hoffmann-La Roche AG

- 6.2.1 Company Snapshot
- 6.2.2 Operating business segments
- 6.2.3 Business performance
- 6.2.4 Key strategies & developments

6.3 Genea Limited

- 6.3.1 Company overview
- 6.3.2 Company Snapshot
- 6.3.3 Operating business segments
- 6.3.4 Business performance
- 6.3.5 Key strategies & developments

6.4 Illumina, Inc

- 6.4.1 Company overview
- 6.4.2 Company Snapshot
- 6.4.3 Operating business segments
- 6.4.4 Business performance
- 6.4.5 Key strategies & developments

6.5 Laboratory Corporation of America Holdings

- 6.5.1 Company overview
- 6.5.2 Company Snapshot
- 6.5.3 Operating business segments
- 6.5.4 Business performance
- 6.5.5 Key strategies & developments

6.6 Natera, Inc

- 6.6.1 Company overview
- 6.6.2 Company Snapshot
- 6.6.3 Operating business segments
- 6.6.4 Business performance
- 6.6.5 Key strategies & developments
- 6.7 PerkinElmer, Inc
 - 6.7.1 Company overview
 - 6.7.2 Company Snapshot
 - 6.7.3 Operating business segments
 - 6.7.4 Business performance
 - 6.7.5 Key strategies & developments
- 6.8 Genesis Genetics Ltd
 - 6.8.1 Company overview
 - 6.8.2 Company Snapshot
 - 6.8.3 Operating business segments
 - 6.8.4 Business performance
 - 6.8.5 Key strategies & developments
- 6.9 Reproductive Genetics Innovations LLC.
 - 6.9.1 Company overview
 - 6.9.2 Company Snapshot
 - 6.9.3 Operating business segments
 - 6.9.4 Business performance
 - 6.9.5 Key strategies & developments
- 6.10 Quest Diagnostics Inc.
 - 6.10.1 Company overview
 - 6.10.2 Company Snapshot
 - 6.10.3 Operating business segments
 - 6.10.4 Business performance
 - 6.10.5 Key strategies & developments

List Of Tables

LIST OF TABLES

TABLE 1 PGD SUCCESS RATES BY THE HUMAN FERTILISATION AND EMBRYOLOGY AUTHORITY (HEFA)

TABLE 2 WORLD CHROMOSOMAL ABNORMALITIES MARKET, BY REVENUE (\$MILLION), GROWTH (%) 2014-2022

TABLE 3 NORTH AMERICA CHROMOSOMAL ABNORMALITIES MARKET, BY REVENUE (\$MILLION), GROWTH (%) 2014-2022

TABLE 4 EUROPE CHROMOSOMAL ABNORMALITIES MARKET, BY REVENUE (\$MILLION), GROWTH (%) 2014-2022

TABLE 5 ASIA PACIFIC CHROMOSOMAL ABNORMALITIES MARKET, BY REVENUE (\$MILLION), GROWTH (%) 2014-2022

TABLE 6 LAMEA CHROMOSOMAL ABNORMALITIES MARKET, BY REVENUE BY REVENUE (\$MILLION), GROWTH (%) 2014-2022

TABLE 7 WORLD ANEUPLOIDY MARKET, BY REVENUE (\$MILLION), GROWTH (%) 2014-2022

TABLE 8 NORTH AMERICA ANEUPLOIDY MARKET, BY REVENUE (\$MILLION), GROWTH (%) 2014-2022

TABLE 9 EUROPE ANEUPLOIDY MARKET, BY REVENUE (\$MILLION), GROWTH (%) 2014-2022

TABLE 10 ASIA PACIFIC ANEUPLOIDY MARKET, BY REVENUE (\$MILLION), GROWTH (%) 2014-2022

TABLE 11 LAMEA ANEUPLOIDY MARKET, BY REVENUE (\$MILLION), GROWTH (%) 2014-2022

TABLE 12 WORLD X-LINKED DISEASES MARKET, BY REVENUE (\$MILLION), GROWTH (%) 2014-2022

TABLE 13 NORTH AMERICA X-LINKED DISEASES MARKET, BY REVENUE (\$MILLION), GROWTH (%) 2014-2022

TABLE 14 EUROPE X-LINKED DISEASES MARKET, BY REVENUE (\$MILLION), GROWTH (%) 2014-2022

TABLE 15 ASIA PACIFIC X-LINKED DISEASES MARKET, BY REVENUE (\$MILLION), GROWTH (%) 2014-2022

TABLE 16 LAMEA X-LINKED DISEASES MARKET, BY REVENUE (\$MILLION), GROWTH (%) 2014-2022

TABLE 17 WORLD SINGLE GENE DISORDERS MARKET, BY REVENUE (\$MILLION), GROWTH (%) 2014-2022

TABLE 18 NORTH AMERICA SINGLE GENE DISORDERS MARKET, BY REVENUE

(\$MILLION), GROWTH (%) 2014-2022

TABLE 19 EUROPE SINGLE GENE DISORDERS MARKET, BY REVENUE

(\$MILLION), GROWTH (%) 2014-2022

TABLE 20 ASIA PACIFIC SINGLE GENE DISORDERS MARKET, BY REVENUE

(\$MILLION), GROWTH (%) 2014-2022

TABLE 21 LAMEA SINGLE GENE DISORDERS MARKET, BY REVENUE (\$MILLION),
GROWTH (%) 2014-2022

TABLE 22 WORLD HLA TYPING MARKET, BY REVENUE (\$MILLION), GROWTH (%)
2014-2022

TABLE 23 NORTH AMERICA HLA TYPING MARKET, BY REVENUE (\$MILLION),
GROWTH (%) 2014-2022

TABLE 24 EUROPE HLA TYPING MARKET, BY REVENUE (\$MILLION), GROWTH
(%) 2014-2022

TABLE 25 ASIA PACIFIC HLA TYPING MARKET, BY REVENUE (\$MILLION),
GROWTH (%) 2014-2022

TABLE 26 LAMEA HLA TYPING MARKET, BY REVENUE (\$MILLION), GROWTH (%)
2014-2022

TABLE 27 WORLD GENDER SELECTION MARKET, BY REVENUE (\$MILLION),
GROWTH (%) 2014-2022

TABLE 28 NORTH AMERICA GENDER SELECTION MARKET, BY REVENUE
(\$MILLION), GROWTH (%) 2014-2022

TABLE 29 EUROPE GENDER SELECTION MARKET, BY REVENUE (\$MILLION),
GROWTH (%) 2014-2022

TABLE 30 ASIA PACIFIC GENDER SELECTION MARKET, BY REVENUE
(\$MILLION), GROWTH (%) 2014-2022

TABLE 31 LAMEA GENDER SELECTION MARKET, BY REVENUE (\$MILLION),
GROWTH (%) 2014-2022

TABLE 32 WORLD OTHERS PGD TESTING MARKET, BY REVENUE (\$MILLION),
GROWTH (%) 2014-2022

TABLE 33 NORTH AMERICA OTHERS PGD MARKET, BY REVENUE (\$MILLION),
GROWTH (%) 2014-2022

TABLE 34 EUROPE OTHERS PGD MARKET, (\$MILLION), GROWTH (%) 2014-2022

TABLE 35 ASIA PACIFIC OTHERS PGD MARKET, (\$MILLION), GROWTH (%)
2014-2022

TABLE 36 LAMEA OTHERS PGD MARKET, (\$MILLION), GROWTH (%) 2014-2022

TABLE 37 NORTH AMERICA PGD MARKET, BY REVENUE (\$MILLION), GROWTH
(%) 2014-2022

TABLE 38 EUROPE PGD MARKET, BY REVENUE (\$MILLION), GROWTH (%)
2014-2022

TABLE 39 ASIA PACIFIC PGD MARKET, BY REVENUE (\$MILLION), GROWTH (%)
2014-2022

TABLE 40 LAMEA PGD MARKET, BY REVENUE (\$MILLION), GROWTH (%)
2014-2022

TABLE 41 REPROGENETICS, LLC.: COMPANY SNAPSHOT

TABLE 42 REPROGENETICS, LLC.: OPERATING SEGMENTS

TABLE 43 REPROGENETICS, LLC.: COMPANY SNAPSHOT

TABLE 44 REPROGENETICS, LLC.: OPERATING SEGMENTS

TABLE 45 GENEALIMITED.: COMPANY SNAPSHOT

TABLE 46 GENEALIMITED.: OPERATING SEGMENTS

TABLE 47 ILLUMINA, INC.: COMPANY SNAPSHOT

TABLE 48 ILLUMINA, INC.: OPERATING SEGMENTS

TABLE 49 LABORATORY CORPORATION OF AMERICA HOLDINGS.: COMPANY
SNAPSHOT

TABLE 50 LABORATORY CORPORATION OF AMERICA HOLDINGS.: OPERATING
SEGMENTS

TABLE 51 NATERA, INC.: COMPANY SNAPSHOT

TABLE 52 NATERA, INC.: OPERATING SEGMENTS

TABLE 53 GENESIS GENETICS LTD.: COMPANY SNAPSHOT

TABLE 54 GENESIS GENETICS LTD.: OPERATING SEGMENTS

TABLE 55 REPRODUCTIVE GENETICS INNOVATIONS LLC: COMPANY SNAPSHOT

TABLE 56 REPRODUCTIVE GENETICS INNOVATIONS LLC: OPERATING
SEGMENTS

TABLE 57 QUEST DIAGNOSTICS INC: COMPANY SNAPSHOT

TABLE 58 QUEST DIAGNOSTICS INC.: OPERATING SEGMENTS

List Of Figures

LIST OF FIGURES

FIG. 1 TOP IMPACTING FACTORS

FIG. 2 TOP WINNING STRATEGIES IN THE PGD MARKET (2013-2016)

FIG. 3 TOP WINNING STRATEGIES (%) (2013-2016)

FIG. 4 TOP INVESTMENT POCKETS

FIG. 5 PORTERS FIVE FORCES ANALYSIS OF PRE-IMPLANTATION GENETIC DIAGNOSIS (PGD) MARKET

FIG. 6 WORLD PGD MARKET BY PRODUCT TYPE, 2015 (PIE CHART OF GLOBAL NUMBERS BY PRODUCT TYPE) REVENUE

FIG. 7 WORLD CHROMOSOMAL ABNORMALITIES MARKET Y-O-Y(%), 2015-2022

FIG. 8 WORLD ANEUPLOIDY MARKET, Y-OY (%), 2015-2022

FIG. 9 WORLD X-LINKED DISEASES MARKET, BY Y-OY (%), 2015-2022

FIG. 10 WORLD PGD SINGLE GENE DISORDERS MARKET, Y-O-Y (%), 2015-2022

FIG. 11 WORLD HLA TYPING MARKET, YOY (%), 2015-2022

FIG. 12 WORLD PGD GENDER SELECTION MARKET, Y-O-Y (%), 2015-2022

FIG. 13 WORLD PGD OTHERS MARKET, Y-OY (%), 2015-2022

FIG. 14 WORLD PGD MARKET BY GEOGRAPHY, 2015 (PIE CHART OF GLOBAL NUMBERS BY GEOGRAPHY) REVENUE

FIG. 15 NORTH AMERICA PGD MARKET, YEAR ON YEAR GROWTH(%), 2015-2022

FIG. 16 EUROPE PGD MARKET, YEAR ON YEAR GROWTH(%), 2015-2022

FIG. 17 APAC PGD MARKET, YEAR ON YEAR GROWTH(%), 2015-2022

FIG. 18 LAMEA PGD MARKET, YEAR ON YEAR GROWTH(%), 2015-2022

I would like to order

Product name: Preimplantation Genetics Diagnosis (PGD) Market By Test Type (Chromosomal Abnormalities, Aneuploidy, X-linked diseases, Single Gene Disorders, HLA Typing, Gender selection) - Global Opportunity Analysis and Industry Forecast, 2014-2022

Product link: <https://marketpublishers.com/r/PB1AF1C0475EN.html>

Price: US\$ 3,999.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/PB1AF1C0475EN.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