

- 1. Executive Summary**
- 2. Global Genetic Testing Market**
- 3. Genetic Testing Market Share & Future Forecast**
- 4. Genetic Testing Market (Application Segment) 2005 - 2015**
 - 4.1 Cancer Genetic Testing Market
 - 4.2 Prenatal Genetic Testing Market
 - 4.3 Predisposition Genetic Testing Market
 - 4.4 Pharmacogenomics Genetic Testing Market
- 5. Corporate Developments**
 - 5.1 LabCorp to Buy Genzyme's Genetic Testing Unit
 - 5.2 DNA Testing Systems Inks Agreement with DNAPrint Genomics Inc.
 - 5.3 Hologic to Acquire Third Wave Technologies
 - 5.4 PerkinElmer Acquires Newborn Metabolic Screening Assets of Pediatrix
 - 5.5 Affymetrix to Acquire Panomics
- 6. Laboratory Merger & Acquisition**
- 7. Driving Forces for Genetic Testing**
 - 7.1 Present Development and Future of Genetic Testing Market
 - 7.2 Increased Incidence of Cancer
 - 7.3 Emerging Economies is Expected to Drive the Market in Future
 - 7.4 Increasing Availability of Tests Allows More Patients to be Diagnosed
 - 7.5 Availability of Direct-to-Consumer Tests to Increase Test Volumes
- 8. Challenges for Genetic Testing**
 - 8.1 Lack of a Coherent Oversight System to Ensure the Quality of Tests and Testing Laboratories
 - 8.2 Dearth of Professional Guidelines for Conducting Genetic Tests
- 9. Companies Analysis**
 - 9.1 Orchid Cellmark Inc
 - 9.1.1 Strengths
 - 9.1.2 Weaknesses
 - 9.2 23andMe
 - 9.2.1 Strengths
 - 9.2.2 Weaknesses
 - 9.3 Pathway Genomics Corporation
 - 9.3.1 Strengths
 - 9.3.2 Weaknesses
 - 9.4 Navigenics
 - 9.4.1 Strengths
 - 9.4.2 Weaknesses
 - 9.5 deCODE Genetics
 - 9.5.1 Strengths
 - 9.5.2 Weaknesses

List of Figures:

Figure 2 1: Global - Genetic Testing Market (Million US\$), 2005 - 2010

Figure 2 2: Global - Forecast for Genetic Testing Market (Million US\$), 2011 - 2015

Figure 3 1: Global - Genetic Testing Market Share (Percent), 2008 - 2010

Figure 3 2: Global - Forecast for Genetic Testing Market Share (Percent), 2011 - 2015

Figure 4 1: Global - Cancer Genetic Testing Market (Million US\$), 2000 - 2010

Figure 4 2: Global - Forecast for Cancer Genetic Testing Market (Million US\$), 2011 - 2015

Figure 4 3: Global - Prenatal Genetic Testing Market (Million US\$), 2000 - 2010

Figure 4 4: Global - Forecast for Prenatal Genetic Testing Market (Million US\$), 2011 - 2015

Figure 4 5: Global - Predisposition Genetic Testing Market (Million US\$), 2000 - 2010

Figure 4 6: Global - Forecast for Predisposition Genetic Testing Market (Million US\$), 2011 - 2015

Figure 4 7: Global - Pharmacogenomics Genetic Testing Market (Million US\$), 2005 - 2010

Figure 4 8: Global - Forecast for Pharmacogenomics Genetic Testing Market (Million US\$), 2011 - 2015

Figure 5 1: United States - Immigration Testing Market (Million US\$), 2007 - 2010

Figure 5 2: United States - Forecast for Immigration Testing Market (Million US\$), 2011 - 2015

Figure 8 1: BRIC - In Vitro Diagnostic Market (Billion US\$), 2009 - 2010

Figure 8 2: BRIC - Forecast for In Vitro Diagnostic Market (Billion US\$), 2011 - 2015

Figure 8 3: Global - Growth of Laboratory Directory (Number), 2000 - 2010

Figure 8 5: Global - Direct to Consumer Genetic Testing Market (Million US\$), 2008 - 2010

Figure 8 6: Global - Forecast for Direct to Consumer Genetic Testing Market (Million US\$), 2011 - 2015

Figure 10 1: Orchid Cellmark Inc Laboratories - Key Financials (Million US\$) 2007 - 2009

List of Tables:

Table 6 1: LabCorp & Genzyme Genetic - Acquisitions (Million US\$), 2010

Table 6 2: Hologic & Third Wave Technologies - Acquisitions (Million US\$), 2008

Table 6 3: PerkinElmer Inc & Pediatrix Medical Group - Acquisitions 2008

Table 6 4: Affymetrix & Panomics - Acquisitions (Million US\$), 2008

Table 7 1: Global - Laboratory Merger & Acquisition (Million US\$), January 2007 - July 2009

Table 8 1: Global - New Cancer Cases & Deaths & Forecast (Million), 2000 & 2020

Table 8 2: Global - All Cancers (excluding non-melanoma Skin Cancer) Incidence and Mortality (Thousand), 2008