Food Safety Testing Market by Contaminant (Pathogens, Pesticides, GMOs, and Toxins), Food Tested (Meat & Poultry, Dairy Product, Processed Food, and Fruits & Vegetables), Technology (Traditional and Rapid) and by Region - Global Forecast to 2021

Description: “Food Safety testing market projected to grow at a CAGR of 7.4%”

The market is driven by factors such as global increase in outbreaks of foodborne illnesses and increase in regulations in developed countries. The high growth potential in emerging markets and untapped regions provides new opportunities for market players.

“GMOs is projected to be the fastest-growing segment of contaminant that is tested for through 2021”

The GMOs segment is projected to grow at the highest CAGR during the forecast period due to the evolution in farming technology, diverse GM processed food manufacturing, and high investment in biotech R&D. The requirement to monitor and verify the presence and the amount of GMOs among agricultural crops and in products derived thereof has generated a demand for testing methods that are capable of detecting, identifying, and quantifying either the DNA introduced or the protein expressed in GM plants.

“Rapid technology led the market in 2015”

Rapid technology accounted for the largest share of the food safety testing market in 2015. The importance of this technology is increasing due to its quick, accurate, and easy-to-use characteristics. The stakeholders demand new and emerging technologies for analytical testing and ensure certification denoting the high quality of their products. This has been driving the market for rapid technology in food safety testing.

“North America led the market with the largest share in 2015”

North America was the largest food safety testing market in 2015. Governing organizations are present in the market and have enforced various food safety testing policies. The Asia-Pacific market is projected to be the fastest-growing market during the forecast period.

The breakdown of the primaries on the basis of company, designation, and region, conducted during the research study, is as mentioned below:

- By Company Type: Tier 1 - 35%, Tier 2 - 45%, and Tier 3 - 20%
- By Designation: C Level - 35%, Director Level - 25%, and Others - 40%
- By Region: North America - 45%, Europe - 30%, Asia-Pacific - 20%, and RoW - 05%

Major players include the following:

- Eurofins Scientific S.E (Luxembourg)
- Intertek Group plc (U.K.)
- SGS S.A. (Switzerland)
- Bureau Veritas S.A. (France)
- Silliker Inc. (U.S.)

The above-mentioned companies collectively accounted for the largest share of the food safety testing market in 2015. Other players also have a strong presence in this market.

These include the following:

- DTS Laboratories (Australia)
- ALS Limited (U.S.)
- AssureQuality (New Zealand)
- ILS Limited (U.K.)
Reasons to Buy this Report:

This research report has focused on various levels of analyses - industry analysis (industry trends), market share analysis of top players, supply chain analysis, and company profiles - which comprise and discuss the basic views on the competitive landscape; emerging and high-growth segments of the global food safety testing market; high-growth regions; and market drivers, restraints, and opportunities.

The report provides insights on the following pointers:

- Market penetration: Comprehensive information on food safety testing offered by the top players in the global market
- Product development/innovation: Detailed insights on upcoming technologies, research & development activities, and new product launches in the food safety testing market
- Market development: Comprehensive information about lucrative emerging markets; the report analyzes the markets for food safety testing across regions
- Market diversification: Exhaustive information about new products, untapped regions, recent developments, and investments in the global food safety testing market
- Competitive assessment: In-depth assessment of market share, strategies, products, and manufacturing capabilities of the leading players in the global food safety testing market

Contents:

1 Introduction
   1.1 Objectives of the Study
   1.2 Market Definition
   1.3 Market Scope
      1.3.1 Markets Covered
      1.3.2 Geographic Scope
      1.3.3 Period Considered for the Study
   1.4 Currency
   1.5 Stakeholders
   1.6 Limitations

2 Research Methodology
   2.1 Research Data
      2.1.1 Secondary Data
         2.1.1.1 Key Data from Secondary Sources
      2.1.2 Primary Data
         2.1.2.1 Key Data from Primary Sources
         2.1.2.2 Breakdown of Primaries
         2.1.2.3 Key Industry Insights
      2.2 Market Size Estimation
   2.3 Market Breakdown & Data Triangulation
   2.4 Research Assumptions

3 Executive Summary

4 Premium Insights
   4.1 Opportunities in Food Safety Testing Market
   4.2 Food Safety Testing Market: Major Countries
   4.3 Food Safety Testing Market, by Food Tested
   4.4 Developed Vs. Emerging Food Safety Testing Markets
   4.5 Food Safety Testing Market, by Contaminant
   4.6 Food Safety Testing Market, by Rapid Technology
   4.7 Food Safety Testing Market, by Region & Contaminant, 2015

5 Market Overview
   5.1 Introduction
   5.2 Market Segmentation
      5.2.1 by Contaminant
      5.2.2 by Technology
      5.2.3 by Food Tested
5.2.4 by Region
5.3 Market Dynamics
5.3.1 Drivers
5.3.1.1 Worldwide Increase in Foodborne Illness Outbreaks
5.3.1.2 Implementation of Stringent Food Safety Regulations
5.3.1.3 Globalization of Food Supply
5.3.1.4 Availability of Advanced Technology Capable of Rapid Testing
5.3.1.5 Media Influence on Consumer Awareness About Food Safety
5.3.2 Restraints
5.3.2.1 Lack of Food Control Infrastructure & Resources in Developing Countries
5.3.2.2 Lack of Awareness About Safety Regulations Among Food Manufacturers
5.3.3 Opportunities
5.3.3.1 Emerging Markets for Food Safety Testing
5.3.3.2 Increasing Consumer Awareness About Food Safety
5.3.4 Challenges
5.3.4.1 Time-Consuming Testing Methods
5.3.4.2 Inappropriate Sample Collection Standardization
5.3.4.3 Lack of Harmonization of Food Safety Regulations

6 Industry Trends
6.1 Introduction
6.2 Food Testing Industry
6.3 Value Chain Analysis
6.3.1 Input Market
6.3.2 Food Market
6.3.3 Distribution
6.4 Supply Chain Analysis
6.4.1 Upstream Process
6.4.1.1 R&D
6.4.1.2 Production
6.4.2 Midstream Process
6.4.2.1 Processing & Transforming
6.4.2.2 Transportation
6.4.3 Downstream Process
6.4.3.1 Final Preparation
6.4.3.2 Distribution
6.5 Upcoming Technologies in Food Safety Testing
6.5.1 Microarray
6.5.2 Phages
6.5.3 Bio-Chip
6.5.4 Biosensors
6.5.5 Flow Cytometry
6.6 Factors Affecting the Food Safety Testing Market
6.6.1 Impact of Food Safety on Traceability Systems and Food Diagnostics
6.6.2 Regulatory Impositions on Gm Labeling
6.6.3 Introduction of Global Food Safety Initiative (Gfsi)
6.6.4 Food Safety Testing Laboratories and Laws & Legislations
6.7 Porter's Five Forces Analysis
6.7.1 Intensity of Competitive Rivalry
6.7.2 Bargaining Power of Suppliers
6.7.3 Bargaining Power of Buyers
6.7.4 Threat of New Entrants
6.7.5 Threat of Substitutes

7 Food Safety Testing Market, by Contaminant
7.1 Introduction
7.2 Pathogens
7.2.1 E. Coli
7.2.2 Salmonella
7.2.3 Campylobacter
7.2.4 Listeria
7.2.5 Others
7.3 Pesticides
11.4.1.9 Labeling of GM Foods
11.4.2 Canada
11.4.3 Mexico
11.5 Europe
11.5.1 European Union Regulations
11.5.1.1 the Microbiological Criteria Regulation
11.5.1.2 Melamine Legislation
11.5.1.3 General Food Law for Food Safety
11.5.1.4 Gmos Regulation
11.5.1.5 Toxins Regulation
11.5.1.5.1 Ochratoxin A
11.5.1.5.2 Dioxin and PBCS
11.5.1.5.3 Fusarium Toxins
11.5.1.5.4 Aflatoxins
11.5.1.5.5 Polycyclic Aromatic Hydrocarbons (PAH)
11.5.2 Germany
11.5.3 U.K.
11.6 Asia-Pacific
11.6.1 China
11.6.2 India
11.6.2.1 Food Safety Standards Amendment Regulations, 2012
11.6.2.2 Food Safety Standards Amendment Regulations, 2011
11.6.2.3 Food Safety and Standards Act, 2006
11.6.3 Australia
11.6.3.1 Food Standards Australia and New Zealand
11.6.4 New Zealand
11.6.5 GMO Labeling Regulations in Asia-Pacific

12 Competitive Landscape
12.1 Overview
12.2 Food Safety Testing Market Share (Value), by Key Player, 2013
12.3 Competitive Situations & Trends
12.4 M&A
12.4.1 Expansions & Investments
12.5 Agreements, Joint Ventures, Collaborations, Accreditations & Partnerships
12.6 New Service Launches

13 Company Profiles
13.1 Introduction
13.2 SGS SA
13.3 Intertek Group Plc
13.4 Eurofins Scientific
13.5 Bureau Veritas S.A.
13.6 Silliker, Inc.
13.7 ALS Limited
13.8 Asurequality Limited
13.9 Microbac Laboratories, Inc.
13.10 Covance Inc.
13.11 International Laboratory Services
13.12 DTS Food Laboratories

List of Tables
Table 1 Number of Certification Agencies and Laboratories
Table 2 Number of Certification Agencies and Laboratories in China
Table 3 Food Safety Testing Market Size, by Contaminant, 2014-2021 (USD Million)
Table 4 Food Safety Testing Market Size for Pathogen, by Region, 2014-2021 (USD Million)
Table 5 Food Safety Testing Market Size for Pathogen, by Food Tested, 2014-2021 (USD Million)
Table 6 Food Safety Testing Market Size for Pathogens, by Technology, 2014-2021 (USD Million)
Table 7 Food Safety Testing Market Size for Pathogens, by Rapid Technology, 2014-2021 (USD Million)
Table 8 Food Safety Testing Market Size for Pathogens, by Subtype, 2014-2021 (USD Million)
Table 9 Food Safety Testing Market Size for E. Coli, by Food Tested, 2014-2021 (USD Million)
Table 10 Food Safety Testing Market Size for Salmonella, by Food Tested, 2014-2021 (USD Million)
Table 11 Food Safety Testing Market Size for Campylobacter, by Food Tested, 2014-2021 (USD Million)
Table 72 Others in Row: Food Safety Testing Market Size, by Contaminant, 2014-2021 (USD Million)
Table 71 South Africa: Food Safety Testing Market Size, by Contaminant, 2014-2021 (USD Million)
Table 70 Argentina: Food Safety Testing Market Size, by Contaminant, 2014-2021 (USD Million)
Table 69 Brazil: Food Safety Testing Market Size, by Contaminant, 2014-2021 (USD Million)
Table 74 Row: Food Safety Testing Market Size, by Country, 2014-2021 (USD Million)
Table 68 Rest of Asia-Pacific: Food Safety Testing Market Size, by Contaminant, 2014-2021 (USD Million)
Table 67 Australia & New Zealand: Food Safety Testing Market Size, by Contaminant, 2014-2021 (USD Million)
Table 66 Japan: Food Safety Testing Market Size, by Contaminant, 2014-2021 (USD Million)
Table 65 France: Food Safety Testing Market Size, by Contaminant, 2014-2021 (USD Million)
Table 64 Germany: Food Safety Testing Market Size, by Contaminant, 2014-2021 (USD Million)
Table 63 Italy: Food Safety Testing Market Size, by Contaminant, 2014-2021 (USD Million)
Table 62 U.K.: Food Safety Testing Market Size, by Contaminant, 2014-2021 (USD Million)
Table 61 United States: Food Safety Testing Market Size, by Contaminant, 2014-2021 (USD Million)
Table 51 North America: Food Safety Testing Market Size, by Country, 2014-2021 (USD Million)
Table 50 Europe: Food Safety Testing Market Size, by Region, 2014-2021 (USD Million)
Table 49 Food Safety Testing of Other Foods Market Size, by Pathogen, 2016-2021 (USD Million)
Table 48 Food Safety Testing of Other Foods Market Size, by Contaminant, 2016-2021 (USD Million)
Table 47 Food Safety Testing Market Size for Fruits & Vegetables, by Pathogen, 2016-2021 (USD Million)
Table 46 Food Safety Testing of Fruits & Vegetables Market Size, by Contaminant, 2016-2021 (USD Million)
Table 45 Food Safety Testing of Processed Food Market Size, by Pathogen, 2016-2021 (USD Million)
Table 44 Food Safety Testing of Processed Food Market Size, by Contaminant, 2016-2021 (USD Million)
Table 43 Food Safety Testing of Dairy Products Market Size, by Pathogen, 2016-2021 (USD Million)
Table 42 Food Safety Testing of Dairy Products Market Size, by Contaminant, 2016-2021 (USD Million)
Table 41 Food Safety Testing of Meat & Poultry Market Size, by Pathogen, 2016-2021 (USD Million)
Table 40 Food Safety Testing of Meat & Poultry Market Size, by Contaminant, 2016-2021 (USD Million)
Table 39 Food Safety Testing Market Size for Traditional Technology, by Contaminant, 2014-2021 (USD Million)
Table 38 Food Safety Testing Market Size for Rapid Technology, by Subtype, 2014-2021 (USD Million)
Table 37 Other Molecular-Based Food Safety Testing Market Size, by Contaminant, 2014-2021 (USD Million)
Table 36 Immunoassay-Based Food Safety Testing Market Size, by Contaminant, 2014-2021 (USD Million)
Table 35 Pcr-Based Food Safety Testing Market Size, by Contaminant, 2014-2021 (USD Million)
Table 34 Convenience-Based Food Safety Testing Market Size, by Contaminant, 2014-2021 (USD Million)
Table 33 Food Safety Testing Market Size for Rapid Technology, by Subtype, 2014-2021 (USD Million)
Table 32 Food Safety Testing Market Size for Rapid Technology, by Contaminant, 2014-2021 (USD Million)
Table 31 Food Safety Testing Market Size for Traditional Technology, by Contaminant, 2014-2021 (USD Million)
Table 30 Food Safety Testing Market Size, by Technology, 2014-2021 (USD Million)
Table 29 Food Safety Testing Market Size for Other Contaminants, by Rapid Technology, 2014-2021 (USD Million)
Table 28 Food Safety Testing Market Size for Other Contaminants, by Technology, 2014-2021 (USD Million)
Table 27 Food Safety Testing Market Size for Other Contaminants, by Food Tested, 2014-2021 (USD Million)
Table 26 Food Safety Testing Market Size for Other Contaminants, by Region, 2014-2021 (USD Million)
Table 25 Food Safety Testing Market Size for Toxins, by Rapid Technology, 2014-2021 (USD Million)
Table 24 Food Safety Testing Market Size for Toxins, by Technology, 2014-2021 (USD Million)
Table 23 Food Safety Testing Market Size for Toxins, by Region, 2014-2021 (USD Million)
Table 22 Food Safety Testing Market Size for Toxins, by Contaminant, 2014-2021 (USD Million)
Table 21 Food Safety Testing Market Size for Gmos, by Rapid Technology, 2014-2021 (USD Million)
Table 20 Food Safety Testing Market Size for Gmos, by Technology, 2014-2021 (USD Million)
Table 19 Food Safety Testing Market Size for Gmos, by Food Tested, 2014-2021 (USD Million)
Table 18 Food Safety Testing Market Size for Gmos, by Region, 2014-2021 (USD Million)
Table 17 Food Safety Testing Market Size for Pesticides, by Rapid Technology, 2014-2021 (USD Million)
Table 16 Food Safety Testing Market Size for Pesticides, by Technology, 2014-2021 (USD Million)
Table 15 Food Safety Testing Market Size for Pesticides, by Food Tested, 2014-2021 (USD Million)
Table 14 Food Safety Testing Market Size for Pesticides, by Region, 2014-2021 (USD Million)
Table 13 Food Safety Testing Market Size for Others, by Food Tested, 2014-2021 (USD Million)
Table 12 Food Safety Testing Market Size for Listeria, by Food Tested, 2014-2021 (USD Million)
Period

Figure 40 Meat & Poultry Dominated the Food Safety Testing Market, 2015
Figure 41 U.S.: Food Commodities Responsible for Illnesses, 2000-2014
Figure 42 Bacterial Contamination of Meat & Poultry Products, by Slaughter, 2015
Figure 43 GMO Testing in Meat & Poultry is Projected to Be the Fastest-Growing Segment
Figure 44 U.S. Held the Largest Market Share in Food Safety Testing Market, 2015
Figure 45 North America Market Snapshot: U.S. Commands the Largest Growing Segment in Food Safety Testing Market
Figure 46 U.S.: Foodborne Pathogen Incidences, (2006-2014)
Figure 47 Domestically Acquired Foodborne Illness in Canada, Estimated Cases Per 100,000 (2006)
Figure 48 European Market Snapshot: Germany to Command the Largest Share in Food Safety Testing Market (2016-2021)
Figure 49 Germany: Foodborne Infections, 2008-2012
Figure 50 France: Foodborne Infections, 2008-2012
Figure 51 U.K.: Foodborne Infections, 2008-2012
Figure 52 Italy: Foodborne Infections, 2008-2012
Figure 53 Poland: Foodborne Infections, 2008-2012
Figure 54 Asia-Pacific Market Snapshot: Japan & China to Lead the Food Safety Testing Market
Figure 55 China: Food Poisoning Cases, 2000-2013
Figure 56 Australia: Number of Food Recalls Vs. Microbial Contamination Recalls, 2006-2015
Figure 57 Row Market Snapshot: Brazil Commands the Largest Share in the Food Safety Testing Market
Figure 58 Legislation Process in the EU
Figure 59 Role of EFSA to Reduce Campylobacteriosis
Figure 60 Mergers & Acquisitions and Expansions: Leading Approaches of Key Companies
Figure 61 Service Portfolio Capitalizes on Mergers & Acquisitions, 2014-2016
Figure 62 M&A: Popular Strategy for Global Food Safety Testing Market
Figure 63 Geographical Revenue Mix of Top 4 Market Players
Figure 64 SGS SA: Company Snapshot
Figure 65 SGS SA: SWOT Analysis
Figure 66 Intertek Group Plc: Company Snapshot
Figure 67 Intertek Group Plc: SWOT Analysis
Figure 68 Eurofins Scientific: Company Snapshot
Figure 69 Eurofins Scientific: SWOT Analysis
Figure 70 Bureau Veritas S.A.: Company Snapshot
Figure 71 Bureau Veritas S.A.: SWOT Analysis
Figure 72 Silliker Inc.: SWOT Analysis
Figure 73 ALS Limited: Company Snapshot
Figure 74 Asurequality Limited: Company Snapshot
Figure 75 Covance Inc.: Company Snapshot

Ordering:
Order Online - http://www.researchandmarkets.com/reports/4022023/
Order by Fax - using the form below
Order by Post - print the order form below and send to

Research and Markets,
Guinness Centre,
Taylors Lane,
Dublin 8,
Ireland.
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct and select the format(s) you require.

Product Name: Food Safety Testing Market by Contaminant (Pathogens, Pesticides, GMOs, and Toxins), Food Tested (Meat & Poultry, Dairy Product, Processed Food, and Fruits & Vegetables), Technology (Traditional and Rapid) and by Region - Global Forecast to 2021
Web Address: http://www.researchandmarkets.com/reports/4022023/
Office Code: SC2GGX8S

Product Formats
Please select the product formats and quantity you require:

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic (PDF) - Single User:</td>
<td>USD 5650</td>
</tr>
<tr>
<td>Electronic (PDF) - 1 - 5 Users:</td>
<td>USD 6650</td>
</tr>
<tr>
<td>Electronic (PDF) - Site License:</td>
<td>USD 8150</td>
</tr>
<tr>
<td>Electronic (PDF) - Enterprisewide:</td>
<td>USD 10000</td>
</tr>
</tbody>
</table>

* The price quoted above is only valid for 30 days. Please submit your order within that time frame to avail of this price as all prices are subject to change.

Contact Information
Please enter all the information below in BLOCK CAPITALS

Title: [ ] Mr [ ] Mrs [ ] Dr [ ] Miss [ ] Ms [ ] Prof [ ]
First Name: ____________________________________________ Last Name: ____________________________________________
Email Address: * ____________________________________________
Job Title: ____________________________________________
Organisation: ____________________________________________
Address: ____________________________________________
City: ____________________________________________
Postal / Zip Code: ____________________________________________
Country: ____________________________________________
Phone Number: ____________________________________________
Fax Number: ____________________________________________

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:
Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by wire transfer: Please transfer funds to:
Account number 833 130 83
Sort code 98-53-30
Swift code ULSBIE2D
IBAN number IE78ULSB98533083313083
Bank Address Ulster Bank,
27-35 Main Street,
Blackrock,
Co. Dublin,
Ireland.

If you have a Marketing Code please enter it below:

Marketing Code: ____________________________

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp