

Food Allergen Testing Market - Growth, Trends, and Forecasts (2023- 2028)

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Report description:

The food allergen testing market is projected to register a CAGR of 7.72% during the forecast period.

Key Highlights

Food allergies are significant problems in many countries. According to Asthma and Allergy Foundation of America data from 2021, allergies are the 6th leading cause of chronic diseases in the United States. Common food allergies include soy, peanut, milk, eggs, shellfish, seafood, nuts, almonds, and many more. Due to these reasons, food allergen testing is increased in the last few years. Additionally, a few intolerances, like lactose intolerance, are common in many regions. Rising awareness about food allergies is also one of the reasons why food testing is increasing.

Moreover, children are the most vulnerable population group to food allergies. They are also two to four times more vulnerable to other allergic conditions, such as asthma or eczema. The market studied is driven by the increasing number of food allergies reported to medical establishments. Moreover, with the adverse non-toxic reactions (hypersensitivity), the prevalence rate of food allergies is mounting exponentially. The rising numbers of food allergy cases have prompted public health authorities worldwide to take significant measures to curb allergic reactions and their consequences.

Furthermore, due to stringent government regulations from different regions regarding food testing and allergy prevention, food testing labs are growing in many regions. Due to increased adulteration and pesticide use in raw material production, laboratories have been developing their testing facilities. Food testing agencies are receiving government licenses for advanced testing facilities.

For instance, in September 2021, SGS SA expanded its food testing capabilities by establishing the Advance Center of Testing (ACT) laboratory in Ambattur, Chennai. The ACT offers robust solutions to the agriculture and food industries to improve product quality through fast, precise, and reliable results.

Food Allergen Testing Market Trends

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Food allergy has emerged as a serious public health concern. Children are the most vulnerable population group to food allergies. They are also two to four times more vulnerable to other allergic conditions, such as asthma or eczema. According to Food Allergy Research & Education data from 2021, one in ten adults and one in 13 children have different food allergies in America. The increasing number of food allergies drives the global food allergen testing market reported to medical establishments.

Food allergy affects a more significant proportion of children than adults, and reactivity to some allergenic foods, such as milk and egg, tends to be primarily outgrown. In contrast, allergy to others, such as peanuts, generally persists. Lactose intolerance is also one of the conditions that are affecting more people in the world.

Food testing labs are forming mergers and acquisitions with other laboratories to develop their testing properties. For instance, in June 2022, Eurofins Scientific acquired majority stakes in Ajal Laboratories to expand its food and pharmaceutical testing offerings in Saudi Arabia.

The rising number of food allergic cases prompted public health authorities worldwide to take significant measures to curb allergic reactions and their consequences. Government support, awareness campaign, private sector initiatives, and other stakeholders' participation have led food allergies to acquire center stage among all other allergies.

North America Holds Largest Segment in Food Allergen Testing

Due to increasing food allergies in the region, food testing laboratories are developing new technologies to improve their facilities for testing food. According to Food Allergy Research & Education data from 2021, 32 million people in the United States have food allergies. Milk, egg, peanut, tree nuts, wheat, soy, fish, and crustacean shellfish are common food allergens in the United States. The rising awareness drives the food allergen testing market among consumers regarding their sensitivities to certain foods, coupled with the strict compliance enforced by regulatory authorities. Food testing agencies are developing new technologies and methods to test the food for more accuracy and perfection.

For instance, in August 2022, Eurofins Craft Technologies developed a new method to quantify different phenolic acids in foods and supplements. Phenolics are present in fruits, vegetables, grains, oils, and drinks like coffee, tea, and wine.

Additionally, the North American region has witnessed significant evidence of food allergy in infant food products, resulting in an increasing demand for quantitative allergen test kits that can be completed in-house and provide good information regarding the control of allergens. For instance, Canadian researchers developed a hand-held device for detecting food allergens in just 20 minutes.

This device allows consumers to quickly test for food allergens in different products, primarily gluten and Ara h 1 (associated with peanuts). The equipped biosensor can be used by restaurant chefs, servers, consumers, and food safety inspectors.

Food Allergen Testing Market Competitor Analysis

The market for food allergens is highly dynamic and intensely competitive, with key players looking for greater market penetration, especially in the developed markets, where regulatory compliance is the strictest, and public awareness regarding food allergens is also high. Major global players include SGS SA, Intertek Group PLC, Eurofins Scientific SE, Bureau Veritas SA, and TUV SUD.

SGS Group, being one of the market leaders, provides a wide range of analytical services for testing raw materials and finished products. An increase in the outbreak of foodborne illness leads to the increased demand for allergen-free certifications on nutritious and healthy food products, pushing the company's revenue generation.

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