

North America Food Safety Testing Kits Market Forecast to 2028 - COVID-19 Impact and Regional Analysis- by Contaminant (Pathogens, [Salmonella, E.coli, Listeria, Campylobacter, S. aureus, and Others], Pesticides, Toxins, GMOs, Others), Technology (Traditional, Rapid [PCR-Based Testing, Immunoassay-Based Testing, LAMP, and Others], and Food Type (Meat, Poultry, & Seafood Products, Dairy Products, Cereals & Grains, Processed Food, Fruits & Vegetables, and Others)

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- Single User Price \$3000.00
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Report description:

The North America food safety testing kits market is expected to grow from US\$ 8,691.69 million in 2022 to US\$ 13,233.64 million by 2028. It is estimated to grow at a CAGR of 7.3% from 2022 to 2028.

Greater Emergence of Foodborne Illness Outbreaks are Driving the North America Food Safety Testing Kits Market

Foodborne illnesses are toxic or infectious in nature and caused by chemical substances, parasites, viruses, entering the body through contaminated water or food. Foodborne pathogens can cause debilitating infections such as meningitis or severe diarrhoea. In some cases, chemical contamination can cause long term diseases such as cancer or short-term illness such as acute poisoning. Foodborne diseases may lead to death for long lasting disability. Moreover, listeria infection leads to death of newborn babies or miscarriages in pregnant women. Although the chances of this disease are relatively low, the fatality of listeria makes it one of the most serious foodborne infections. Vibrio cholera infects people through contaminated food or water. Symptoms may include severe dehydration, profuse watery diarrhea, vomiting, abdominal pain, and could possibly result in death. Various types of seafood, millet gruel, vegetables, and rice have been implicated in cholera outbreaks.

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All the antibiotics and other antimicrobials are used to treat infections caused by bacteria. The misuse and overuse of antimicrobials in human and veterinary medicine has been linked to emergence of resistant bacteria rendering the treatment of humans and animals ineffective. Antimicrobial medicine is identified as one of the biggest threats to modern medicine. Therefore, it has become extremely important to detect the contaminants beforehand and prevent them from entering the food chain. Thus, the importance of food safety testing kits has been increasing in terms of volume. Additionally, Foodborne diseases are preventable hence numerous organizations along with governments are leading coordinated action across multiple industries to build resilient and strong food safety systems. The involved parties are heavily investing to provide consumers with tools to make safe food choices. Thus, the emergence of foodborne illness drives the market growth of North America food safety testing kits market during the forecast period.

North America Food Safety Testing Kits Market Overview

North America constitutes major economies such as the US, Canada, and Mexico. In North America food safety testing kits market is currently in the growth phase and experiencing exponential growth. North America is a major hub for food processing. According to the US Food and Drug Administration (FDA), 99,451 domestic food facilities were registered as of September 2022, in the US. Countries in North America have strict regulatory bodies pertaining to food safety the high quantity of food processing in the region is expected to affect the North America food safety testing kits market positively. Food safety has also been a concern in the region as the discovery of foreign objects, major allergens, and organisms including bacteria have been found in some cases where the products needed to be recalled. For instance, in October 2021, every plate was informed by its ingredient's supplier that the onions in meal kits could be potentially contaminated by salmonella bacteria, and therefore needed to be recalled. The FDA recommended disposal of the onions received in a specific period of time. Such product recalls hamper the brand reputation as well as result in losses due to product wastage. To curb such instances, food safety testing plays a vital role and ensures the safety of food that reaches the consumers. The Centre for Disease Control and Prevention (CDCP) has determined that one out of ten people fall sick due to foodborne illness each year. As per the US Food and Drug Administration (FDA) has estimated that around 48 million cases of foodborne illness are reported annually. The rising instances of foodborne diseases have led to an increased inclination towards rapid testing and have led to growth in the segment. Additionally, enhanced detection and surveillance methods have added helped in the market penetration for North America food safety testing kits market.

North America Food Safety Testing Kits Market Revenue and Forecast to 2028 (US\$ Million)

North America Food Safety Testing Kits Market Segmentation

The North America food safety testing kits market is segmented into contaminant, technology, food type, and country.

Based on contaminant, the North America food safety testing kits market is segmented into pathogen, pesticides, toxins, GMOS, and others. The pathogen segment held the largest market share in 2022. By pathogen, market segmented into salmonella, E.coli, listeria, campylobacter, s. aureus, and others.

Based on technology, the North America food safety testing kits market is bifurcated into traditional, and rapid. The rapid segment held the larger market share in 2022. By rapid, market segmented into PCR-based testing, immunoassay-based testing, LAMP, and others.

Based on food type, the North America food safety testing kits market is segmented into meat, poultry, & seafood products, dairy products, cereals & grains, processed food, fruits & vegetables, and others. The meat, poultry, & seafood products segment dominated the market share in 2022.

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Based on country, the North America food safety testing kits market is segmented into US, Canada, and Mexico. The US dominated the market share in 2022.

ALS Limited; Bureau Veritas; Eurofins Scientific; Intertek Group Plc; NEOGEN Corporation; SGS SA; TUV NORD GROUP; and TUV SUD are the leading companies operating in the North America food safety testing kits market

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