

Asia Pacific Poultry Diagnostic Market Forecast to 2030 - Regional Analysis -By Test Type [Enzyme-Linked Immunosorbent Assay (ELISA) Tests, Polymerase Chain Reaction (PCR) Test, Hemagglutination-Inhibition (HI), and Others] and Disease (Avian Salmonellosis, Avian Influenza, Newcastle Disease, Avian Mycoplasmosis, Infectious Bronchitis, and Others)

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Abstracts

The Asia Pacific poultry diagnostic market is expected to grow from US\$ 127.46 million in 2022 to US\$ 289.42 million by 2030. It is estimated to grow at a CAGR of 10.8% from 2022 to 2030.

Technological Advancements Fuel Asia Pacific Poultry Diagnostic Market

A report by Frontiers S.A. reveals that coccidiosis, salmonellosis, and Newcastle disease are the most common poultry diseases that prove dangerous for humans if not detected early. Smart technologies such as deep learning techniques are being explored for their potential in early poultry disease diagnoses. Deep learning technologies have been demonstrated to automate disease diagnostics procedures for humans and livestock, allowing poultry farmers to improve livestock health and boost yield. "Support Vector Machine (SVM)" is a learning method that has been in use for the efficient diagnosis of avian pox diseases in poultry and detection of hock burn prevalence in broiler chickens. Polymerase chain reaction (PCR) is a molecular biology technique for rapid diagnostics. It efficiently detects and identifies pathogens through amplification processes, ultimately saving time by shortening the testing process to several hours compared to traditional methods of culturing the disease-causing agents, which may take over a week for diagnosis. Aero Collect, a Danish technology

developed by FORCE Technology in collaboration with the Danpo Group, is a single air sample test that can facilitate early-stage disease detection among an entire flock of poultry. The product can safeguard poultry farmers from high operation losses, monitor vaccination efficiency more closely, and protect poultry from different infections, ultimately providing consumers with food safety.

Asia Pacific Poultry Diagnostic Market Overview

The Asia Pacific Poultry Diagnostics Market is sub-segmented into China, Japan, India, South Korea, Australia, and the Rest of Asia Pacific. The market growth in this region is mainly driven by the emergence of avian influenza (H7N9), middle east respiratory syndrome coronavirus (MERS-CoV), and the growth of highly pathogenic avian influenza (H5N1) in many Asian countries. Avian influenza continues to cause severe losses in poultry and poses a zoonotic threat to human populations in many countries in Asia Pacific.

Asia Pacific Poultry Diagnostic Market Revenue and Forecast to 2030 (US\$ Million)

Asia Pacific Poultry Diagnostic Market Segmentation

The Asia Pacific poultry diagnostic market is segmented into test type, disease, and country.

Based on test type, the Asia Pacific poultry diagnostic market is segmented into enzyme-linked immunosorbent assay (ELISA) tests, polymerase chain reaction (PCR) tests, hemagglutination-inhibition (hi), and others. The enzyme-linked immunosorbent assay (ELISA) tests segment held the largest share of the Asia Pacific poultry diagnostic market in 2022.

In terms of disease, the Asia Pacific poultry diagnostic market is segmented into avian influenza, infectious bronchitis, avian salmonellosis, Newcastle disease, avian mycoplasmosis, and others. The avian influenza segment held the largest share of the Asia Pacific poultry diagnostic market in 2022.

By country, the Asia Pacific poultry diagnostic market is segmented into China, India, Japan, Australia, South Korea, and the Rest of Asia Pacific. China dominated the Asia Pacific poultry diagnostic market in 2022.

Thermo Fisher Scientific Inc, Idexx Laboratories Inc, Qiagen NV, Eurofins Scientific SE, Boehringer Ingelheim International GmbH, Zoetis Inc, BioCheck BV, Bioneer Corp are some of the leading companies operating in the Asia Pacific poultry diagnostic market.

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