

Asia Pacific Fluorescence In-Situ Hybridization (Fish) Imaging Systems Market Forecast to 2030 – Regional Analysis – By Product (Instruments, Consumables, Accessories, and Software), Application (Cancer Diagnosis, Genetic Disease Diagnosis, Infectious Disease Diagnostic, and Others), and End User (Diagnostic Laboratories, Contract Research Organizations, Pharmaceutical and Biotechnological Companies, and Others)

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Abstracts

The Asia Pacific fluorescence in-situ hybridization (FISH) imaging systems market is expected to grow from US\$ 217.6 million in 2022 to US\$ 400.9 million by 2030. It is estimated to grow at a CAGR of 7.9% from 2022 to 2030.

Increasing R&D Investments in In-Vitro Diagnostics Fuel Asia Pacific Fluorescence In-Situ Hybridization (Fish) Imaging Systems Market

The Asia Pacific Fluorescence In-Situ Hybridization (FISH) Imaging Systems Market is driven by continued investments in research and development (R&D) activities related to in-vitro diagnostics (IVD). With its unique capability to visualize specific DNA sequences within cellular environments, the FISH technique has emerged as a key procedure in the modern diagnostics ecosystem, particularly in detecting genetic disorders and rare diseases. An upsurge in R&D funding in IVD has catalyzed transformative advancements in FISH imaging systems by allowing researchers to create cutting-edge platforms providing enhanced image quality with features supporting streamlined automation, culminating in more accurate and rapid diagnostic processes. PNA FISH, a novel diagnostic method that uses FISH with peptide nucleic acid (PNA) probes, combines the ease of traditional staining procedures with the

exceptional performance of PNA probes to provide rapid and accurate diagnoses of contagious diseases, which makes PNA FISH suitable for routine application and enables clinical microbiology laboratories to report important information for patient therapy within a time frame that is not possible using classic biochemical methods.

Asia Pacific Fluorescence In-Situ Hybridization (Fish) Imaging Systems Market Overview

The Asia Pacific Asia Pacific Fluorescence In-Situ Hybridization (FISH) Imaging Systems Market is expected to register the highest CAGR during the forecast period. The regional market is expected to grow rapidly in the coming years due to factors such as high cancer prevalence rates in countries, government initiatives to improve the medical device industry, and robust medical device manufacturing. Delivery centers in Indonesia, India, and China typically support outsourcing services in this region. Additionally, the rising cases of genetic disorders and infectious diseases significantly expand the Asia Pacific Fluorescence In-Situ Hybridization (FISH) Imaging Systems Market growth in Asia Pacific.

Asia Pacific Fluorescence In-Situ Hybridization (Fish) Imaging Systems Market Revenue and Forecast to 2030 (US\$ Million)

Asia Pacific Fluorescence In-Situ Hybridization (Fish) Imaging Systems Market Segmentation

The Asia Pacific fluorescence in-situ hybridization (FISH) imaging systems market is segmented into product, application, end users and country.

Based on product, the Asia Pacific fluorescence in-situ hybridization (FISH) imaging systems market is segmented into instruments, consumables, accessories, and software. The consumables segment held the largest share of the Asia Pacific fluorescence in-situ hybridization (FISH) imaging systems market in 2022.

In terms of application, the Asia Pacific fluorescence in-situ hybridization (FISH) imaging systems market is segmented into cancer diagnosis, genetic disease diagnosis, infectious disease diagnostic, and others. The cancer diagnosis segment held the largest share of the Asia Pacific fluorescence in-situ hybridization (FISH) imaging systems market in 2022.

Based on end user, the Asia Pacific fluorescence in-situ hybridization (FISH) imaging systems market is segmented into diagnostic laboratories, contract research organizations, pharmaceutical and biotechnological companies, and others. The diagnostic laboratories segment held the largest share of the Asia Pacific fluorescence in-situ hybridization (FISH) imaging systems market in 2022.

By country, the Asia Pacific fluorescence in-situ hybridization (FISH) imaging systems market is segmented into China, Japan, India, South Korea, Australia, and the Rest of Asia Pacific. The China dominated the Asia Pacific fluorescence in-situ hybridization

(FISH) imaging systems market in 2022.

Euroclone SpA, Tissuegnostics GmbH, Agilent Technologies Inc, Abnova Taiwan Corp, Biogenex Laboratories Inc, Leica Biosystems Nussloch GmbH, Metasystems Probes GmbH, Bio-View Ltd, And Thermo Fisher Scientific Inc are some of the leading companies operating in the Asia Pacific fluorescence in-situ hybridization (FISH) imaging systems market.

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