

# Global In-vivo Diagnostics Fluorescence Lifetime Imaging Microscopy Market Growth 2026-2032

<https://marketpublishers.com/r/GB2EA17C6B55EN.html>

Date: June 2026

Pages: 97

Price: US\$ 3,660.00 (Single User License)

ID: GB2EA17C6B55EN

## Abstracts

The global In-vivo Diagnostics Fluorescence Lifetime Imaging Microscopy market size is predicted to grow from US\$ 905 million in 2025 to US\$ 1264 million in 2032; it is expected to grow at a CAGR of 5.0% from 2026 to 2032.

The methods of Fluorescence Lifetime Imaging Microscopy (FLIM) are particularly suited for in-vivo diagnostics as they are noninvasive and non-destructive.

United States market for In-vivo Diagnostics Fluorescence Lifetime Imaging Microscopy is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

China market for In-vivo Diagnostics Fluorescence Lifetime Imaging Microscopy is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Europe market for In-vivo Diagnostics Fluorescence Lifetime Imaging Microscopy is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Global key In-vivo Diagnostics Fluorescence Lifetime Imaging Microscopy players cover Leica, Olympus, Zeiss, Becker & Hickl, HORIBA, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2025.

LP Information, Inc. (LPI) ' newest research report, the "In-vivo Diagnostics Fluorescence Lifetime Imaging Microscopy Industry Forecast" looks at past sales and reviews total world In-vivo Diagnostics Fluorescence Lifetime Imaging Microscopy sales

in 2025, providing a comprehensive analysis by region and market sector of projected In-vivo Diagnostics Fluorescence Lifetime Imaging Microscopy sales for 2026 through 2032. With In-vivo Diagnostics Fluorescence Lifetime Imaging Microscopy sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world In-vivo Diagnostics Fluorescence Lifetime Imaging Microscopy industry.

This Insight Report provides a comprehensive analysis of the global In-vivo Diagnostics Fluorescence Lifetime Imaging Microscopy landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on In-vivo Diagnostics Fluorescence Lifetime Imaging Microscopy portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global In-vivo Diagnostics Fluorescence Lifetime Imaging Microscopy market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for In-vivo Diagnostics Fluorescence Lifetime Imaging Microscopy and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global In-vivo Diagnostics Fluorescence Lifetime Imaging Microscopy.

This report presents a comprehensive overview, market shares, and growth opportunities of In-vivo Diagnostics Fluorescence Lifetime Imaging Microscopy market by product type, application, key manufacturers and key regions and countries.

### **Segmentation by Type:**

Time-domain FLIM

Frequency-domain FLIM

### **Segmentation by Application:**

In-vivo Diagnostics of Skin

Personalized Chemotherapy

Ophthalmic Examinations

**This report also splits the market by region:**

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Leica

Olympus

Zeiss

Becker & Hickl

HORIBA

PicoQuant

Bruker

Nikon

Lambert

Jenlab

### **Key Questions Addressed in this Report**

What is the 10-year outlook for the global In-vivo Diagnostics Fluorescence Lifetime Imaging Microscopy market?

What factors are driving In-vivo Diagnostics Fluorescence Lifetime Imaging Microscopy market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do In-vivo Diagnostics Fluorescence Lifetime Imaging Microscopy market opportunities vary by end market size?

How does In-vivo Diagnostics Fluorescence Lifetime Imaging Microscopy break out by Type, by Application?

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