

# Live Cell Imaging Market: Global Market Size, Forecast, Insights, and Competitive Landscape

<https://marketpublishers.com/r/L62E142FDC67EN.html>

Date: November 2022

Pages: 142

Price: US\$ 2,299.00 (Single User License)

ID: L62E142FDC67EN

## Abstracts

The global live cell imaging market is expected to grow at a CAGR of around 8.9% during 2023-2030. This report on global live cell imaging market report provides holistic understanding of the market along with market sizing, forecast, drivers, challenges, and competitive landscape. The report presents a clear picture of the global live cell imaging market by segmenting the market based on product, application, technology, end user and region. Also, detailed profiles of companies operating in the live cell imaging market are provided in this report. We believe that this report will aid the professionals and industry stakeholders in making informed decision.

### Market Drivers

Untapped Potential of Emerging Markets

Growing Adoption of High-Content Screening Techniques in Drug Discovery

### Market Challenges

High Cost of High-Content Screening Systems

Maintaining Cell Viability and the Cellular Environment in Cell Cultures

### Historical & Forecast Period

Base Year: 2022

Historical Period: 2018-2022

Forecast Period: 2023-2030

## Market by Component

### Equipment

Standalone Systems

Microscopes

Cell Analyzers

Image Capturing Devices

Accessories

### Consumable

Reagents

Assay Kits

Media

Other Consumables

### Software and Services

## Market by Application

Cell Biology

Developmental Biology

Stem Cell and Drug Discovery

Others

## Market by Technology

Time-Lapse Microscopy

Fluorescence Recovery after Photobleaching (FRAP)

Fluorescence Resonance Energy Transfer (FRET)

High Content Screening (HCS)

Others

## Market by End User

Pharmaceutical & Biotechnology Companies

Academic & Research Institutes

Contract Research Organizations (CROs)

## Market by Region

Europe

Germany

United Kingdom

France

Italy

Spain

Russia

Netherlands

Rest of Europe

North America

United States

Canada

Asia Pacific

China

Japan

India

South Korea

Australia

Indonesia

Rest of Asia Pacific

Latin America

Mexico

Brazil

Argentina

Rest of Latin America

Middle East & Africa

Saudi Arabia

Turkey

Iran

United Arab Emirates

Rest of Middle East & Africa

## Contents

### **1. PREFACE**

- 1.1 Objective
- 1.2 Target Audience & Key Offerings
- 1.3 Report's Scope
- 1.4 Research Methodology
  - 1.4.1 Phase I
  - 1.4.2 Phase II
  - 1.4.3 Phase III
- 1.5 Assumptions

### **2. KEY INSIGHTS**

### **3. GLOBAL LIVE CELL IMAGING MARKET**

- 3.1. Introduction
- 3.2. Market Drivers
- 3.3. Market Challenges

### **4. GLOBAL LIVE CELL IMAGING MARKET ANALYSIS**

- 4.1. Market Portraiture
- 4.2. Market Size
- 4.3. Market Forecast
- 4.4. Impact of COVID-19

### **5. GLOBAL LIVE CELL IMAGING MARKET BY PRODUCT**

- 5.1. Introduction
- 5.2. Equipment
  - 5.2.1 Standalone Systems
  - 5.2.2 Microscopes
  - 5.2.3 Cell Analyzers
  - 5.2.4 Image Capturing Devices
  - 5.2.5 Accessories
- 5.3. Consumable
  - 5.3.1 Reagents

- 5.3.2 Assay Kits
- 5.3.3 Media
- 5.3.4 Other Consumables
- 5.4. Software and Services

## **6. GLOBAL LIVE CELL IMAGING MARKET BY APPLICATION**

- 6.1. Introduction
- 6.2. Cell Biology
- 6.3. Developmental Biology
- 6.4. Stem Cell and Drug Discovery
- 6.5. Others

## **7. GLOBAL LIVE CELL IMAGING MARKET BY TECHNOLOGY**

- 7.1. Introduction
- 7.2. Time-Lapse Microscopy
- 7.3. Fluorescence Recovery after Photobleaching (FRAP)
- 7.4. Fluorescence Resonance Energy Transfer (FRET)
- 7.5. High Content Screening (HCS)
- 7.6. Others

## **8. GLOBAL LIVE CELL IMAGING MARKET BY END USER INDUSTRY**

- 8.1 Introduction
- 8.2 Pharmaceutical & Biotechnology Companies
- 8.3 Academic & Research Institutes
- 8.4 Contract Research Organizations (CROs)

## **9. GLOBAL LIVE CELL IMAGING MARKET BY REGION**

- 9.1 Introduction
- 9.2 Europe
  - 9.2.1 Germany
  - 9.2.2 United Kingdom
  - 9.2.3 France
  - 9.2.4 Italy
  - 9.2.5 Spain
  - 9.2.6 Russia

- 9.2.7 Netherlands
- 9.2.8 Rest of the Europe
- 9.3 North America
  - 9.3.1 United States
  - 9.3.2 Canada
- 9.4 Asia Pacific
  - 9.4.1 China
  - 9.4.2 Japan
  - 9.4.3 India
  - 9.4.4 South Korea
  - 9.4.5 Australia
  - 9.4.6 Indonesia
  - 9.4.7 Rest of the Asia Pacific
- 9.5 Latin America
  - 9.5.1 Mexico
  - 9.5.2 Brazil
  - 9.5.3 Argentina
  - 9.5.4 Rest of Latin America
- 9.6 Middle East & Africa
  - 9.6.1 Saudi Arabia
  - 9.6.2 Turkey
  - 9.6.3 Iran
  - 9.6.4 United Arab Emirates
  - 9.6.5 Rest of Middle East & Africa

## **10. SWOT ANALYSIS**

## **11. PORTER'S FIVE FORCES**

## **12. MARKET VALUE CHAIN ANALYSIS**

## **13. COMPETITIVE LANDSCAPE**

- 13.1. Competitive Scenario
- 13.2. Company Profiles
  - 13.2.1. Becton Dickinson and Company
  - 13.2.2. Bruker Corporation
  - 13.2.3. Carl Zeiss AG
  - 13.2.4. GE Healthcare



13.2.5. Leica Microsystems (Danaher Corporation)

13.2.6. Merck KGaA

13.2.7. Nikon Instruments Inc

13.2.8. Olympus Corporation

13.2.9. PerkinElmer Inc

13.2.10. Thermo Fisher Scientific Inc.

## List Of Tables

### LIST OF TABLES

Table 1: Global Live Cell Imaging Market Portraiture

Table 2: Global Live Cell Imaging Market by Product (in US\$ Million), 2022 & 2030

Table 3: Equipment Live Cell Imaging Market by Product (in US\$ Million), 2022 & 2030

Table 4: Consumables Live Cell Imaging Market by Product (in US\$ Million), 2022 & 2030

Table 5: Global Live Cell Imaging Market by Application (in US\$ Million), 2022 & 2030

Table 6: Global Live Cell Imaging Market by Technology (in US\$ Million), 2022 & 2030

Table 7: Global Live Cell Imaging Market by End-User (in US\$ Million), 2022 & 2030

Table 8: Global Live Cell Imaging Market by Region (in US\$ Million), 2022 & 2030

Table 9: Europe Live Cell Imaging Market by Country (in US\$ Million), 2022 & 2030

Table 10: North America Live Cell Imaging Market by Country (in US\$ Million), 2022 & 2030

Table 11: Asia Pacific Live Cell Imaging Market by Country (in US\$ Million), 2022 & 2030

Table 12: Latin America Live Cell Imaging Market by Country (in US\$ Million), 2022 & 2030

Table 13: Middle East & Africa Live Cell Imaging Market by Country (in US\$ Million), 2022 & 2030

Table 14: List of Key Players

## List Of Figures

### LIST OF FIGURES

- Figure 1: Global Live Cell Imaging Market (in US\$ Million), 2018-2022
- Figure 2: Global Live Cell Imaging Market by Product, 2022
- Figure 3: Global Live Cell Imaging Market by Application, 2022
- Figure 4: Global Live Cell Imaging Market by Technology, 2022
- Figure 5: Global Live Cell Imaging Market by End User, 2022
- Figure 6: Global Live Cell Imaging Market by Region, 2022
- Figure 7: Global Live Cell Imaging Market (in US\$ Million), 2023-2030
- Figure 8: Global Live Cell Imaging Market by Product (in %), 2022 & 2030
- Figure 9: Global Equipment Live Cell Imaging Market (in US\$ Million), 2018-2022
- Figure 10: Global Equipment Live Cell Imaging Market (in US\$ Million), 2023-2030
- Figure 11: Standalone Systems Equipment Live Cell Imaging Market (in US\$ Million), 2018-2030
- Figure 12: Microscopes Equipment Live Cell Imaging Market (in US\$ Million), 2018-2030
- Figure 13: Cell Analyzers Equipment Live Cell Imaging Market (in US\$ Million), 2018-2030
- Figure 14: Image Capturing Devices Equipment Live Cell Imaging Market (in US\$ Million), 2018-2030
- Figure 15: Accessories Equipment Live Cell Imaging Market (in US\$ Million), 2018-2030
- Figure 16: Global Consumable Live Cell Imaging Market (in US\$ Million), 2018-2022
- Figure 17: Global Consumable Live Cell Imaging Market (in US\$ Million), 2023-2030
- Figure 18: Reagents Consumable Live Cell Imaging Market (in US\$ Million), 2018-2030
- Figure 19: Assay Kits Consumable Live Cell Imaging Market (in US\$ Million), 2018-2030
- Figure 20: Media Consumable Live Cell Imaging Market (in US\$ Million), 2018-2030
- Figure 21: Other Consumables Consumable Live Cell Imaging Market (in US\$ Million), 2018-2030
- Figure 22: Global Software and Services Live Cell Imaging Market (in US\$ Million), 2018-2022
- Figure 23: Global Software and Services Live Cell Imaging Market (in US\$ Million), 2023-2030
- Figure 24: Global Live Cell Imaging Market by Application (in %), 2022 & 2030
- Figure 25: Global Cell Biology Live Cell Imaging Market (in US\$ Million), 2018-2022
- Figure 26: Global Cell Biology Cancer Live Cell Imaging Market (in US\$ Million), 2023-2030

Figure 27: Global Developmental Biology Live Cell Imaging Market (in US\$ Million), 2018-2022

Figure 28: Global Developmental Biology Live Cell Imaging Market (in US\$ Million), 2023-2030

Figure 29: Global Stem Cell and Drug Discovery Live Cell Imaging Market (in US\$ Million), 2018-2022

Figure 30: Global Stem Cell and Drug Discovery Live Cell Imaging Market (in US\$ Million), 2023-2030

Figure 31: Global Other Applications Live Cell Imaging Market (in US\$ Million), 2018-2022

Figure 32: Global Other Applications Live Cell Imaging Market (in US\$ Million), 2023-2030

Figure 33: Global Live Cell Imaging Market by Technology (in %), 2022 & 2030

Figure 34: Global Time-Lapse Microscopy Live Cell Imaging Market (in US\$ Million), 2018-2022

Figure 35: Global Time-Lapse Microscopy Live Cell Imaging Market (in US\$ Million), 2023-2030

Figure 36: Global Fluorescence Recovery after Photobleaching (FRAP) Live Cell Imaging Market (in US\$ Million), 2018-2022

Figure 37: Global Fluorescence Recovery after Photobleaching (FRAP) Live Cell Imaging Market (in US\$ Million), 2023-2030

Figure 38: Global Fluorescence Resonance Energy Transfer (FRET) Live Cell Imaging Market (in US\$ Million), 2018-2022

Figure 39: Global Fluorescence Resonance Energy Transfer (FRET) Live Cell Imaging Market (in US\$ Million), 2023-2030

Figure 40: Global High Content Screening (HCS) Live Cell Imaging Market (in US\$ Million), 2018-2022

Figure 41: Global High Content Screening (HCS) Live Cell Imaging Market (in US\$ Million), 2023-2030

Figure 42: Global Other Technologies Live Cell Imaging Market (in US\$ Million), 2018-2022

Figure 43: Global Other Technologies Live Cell Imaging Market (in US\$ Million), 2023-2030

Figure 44: Global Live Cell Imaging Market by End User (in %), 2022 & 2030

Figure 45: Global Pharmaceutical & Biotechnology Companies Live Cell Imaging Market (in US\$ Million), 2018-2022

Figure 46: Global Pharmaceutical & Biotechnology Companies Live Cell Imaging Market (in US\$ Million), 2023-2030

Figure 47: Global Academic & Research Institutes Live Cell Imaging Market (in US\$

Million), 2018-2022

Figure 48: Global Academic & Research Institutes Live Cell Imaging Market (in US\$ Million), 2023-2030

Figure 49: Global Contract Research Organizations (CROs) Live Cell Imaging Market (in US\$ Million), 2018-2022

Figure 50: Global Contract Research Organizations (CROs) Live Cell Imaging Market (in US\$ Million), 2023-2030

Figure 51: Global Live Cell Imaging Market by Region (in %), 2022 & 2030

Figure 52: Europe Live Cell Imaging Market (in US\$ Million), 2018-2022

Figure 53: Europe Live Cell Imaging Market (in US\$ Million), 2023-2030

Figure 54: Europe Live Cell Imaging Market by Country (in %), 2022 & 2030

Figure 55: Germany Live Cell Imaging Market (in US\$ Million), 2018-2030

Figure 56: United Kingdom Live Cell Imaging Market (in US\$ Million), 2018-2030

Figure 57: France Live Cell Imaging Market (in US\$ Million), 2018-2030

Figure 58: Italy Live Cell Imaging Market (in US\$ Million), 2018-2030

Figure 59: Spain Live Cell Imaging Market (in US\$ Million), 2018-2030

Figure 60: Russia Live Cell Imaging Market (in US\$ Million), 2018-2030

Figure 61: Netherlands Live Cell Imaging Market (in US\$ Million), 2018-2030

Figure 62: North America Live Cell Imaging Market (in US\$ Million), 2018-2022

Figure 63: North America Live Cell Imaging Market (in US\$ Million), 2023-2030

Figure 64: North America Live Cell Imaging Market by Country (in %), 2022 & 2030

Figure 65: United States Live Cell Imaging Market (in US\$ Million), 2018-2030

Figure 66: Canada Live Cell Imaging Market (in US\$ Million), 2018-2030

Figure 67: Asia Pacific Live Cell Imaging Market (in US\$ Million), 2018-2022

Figure 68: Asia Pacific Live Cell Imaging Market (in US\$ Million), 2023-2030

Figure 69: Asia Pacific Live Cell Imaging Market by Country (in %), 2022 & 2030

Figure 70: China Live Cell Imaging Market (in US\$ Million), 2018-2030

Figure 71: Japan Live Cell Imaging Market (in US\$ Million), 2018-2030

Figure 72: India Live Cell Imaging Market (in US\$ Million), 2018-2030

Figure 73: South Korea Live Cell Imaging Market (in US\$ Million), 2018-2030

Figure 74: Australia Live Cell Imaging Market (in US\$ Million), 2018-2030

Figure 75: Indonesia Live Cell Imaging Market (in US\$ Million), 2018-2030

Figure 76: Latin America Live Cell Imaging Market (in US\$ Million), 2018-2022

Figure 77: Latin America Live Cell Imaging Market (in US\$ Million), 2023-2030

Figure 78: Latin America Live Cell Imaging Market by Country (in %), 2022 & 2030

Figure 79: Mexico Live Cell Imaging Market (in US\$ Million), 2018-2030

Figure 80: Brazil Live Cell Imaging Market (in US\$ Million), 2018-2030

Figure 81: Argentina Live Cell Imaging Market (in US\$ Million), 2018-2030

Figure 82: Middle East & Africa Live Cell Imaging Market (in US\$ Million), 2018-2022

Figure 83: Middle East & Africa Live Cell Imaging Market (in US\$ Million), 2023-2030

Figure 84: Middle East & Africa Live Cell Imaging Market by Country (in %), 2022 & 2030

Figure 85: Saudi Arabia Live Cell Imaging Market (in US\$ Million), 2018-2030

Figure 86: Turkey Live Cell Imaging Market (in US\$ Million), 2018-2030

Figure 87: Iran Live Cell Imaging Market (in US\$ Million), 2018-2030

Figure 88: UAE Live Cell Imaging Market (in US\$ Million), 2018-2030

Figure 89: Market Value Chain

## I would like to order

Product name: Live Cell Imaging Market: Global Market Size, Forecast, Insights, and Competitive Landscape

Product link: <https://marketpublishers.com/r/L62E142FDC67EN.html>

Price: US\$ 2,299.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/L62E142FDC67EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

