

## Global Apoptosis Assays Market – Products, Detection Technologies, Applications and End-Use Markets

“The report reviews, analyzes and projects the global market for Apoptosis Assays for the period 2017-2026. Apoptosis Assay types market analyzed in this report includes Assay Kit, Reagent, Instrument and Microplate. The market analysis for Apoptosis Technologies carried out in this study comprises Flow Cytometry, Cell Imaging & Analysis System, Spectrophotometry and Others. Apoptosis applications market explored in this report encompass Drug Discovery & Development, Clinical & Diagnostic Application, Basic Research and Stem Cell Research. End-Use Markets analyzed for Apoptosis Assays in this report include Pharmaceutical & Biotechnology Companies, Hospital & Diagnostic Laboratories and Academic & Research Institutes.”

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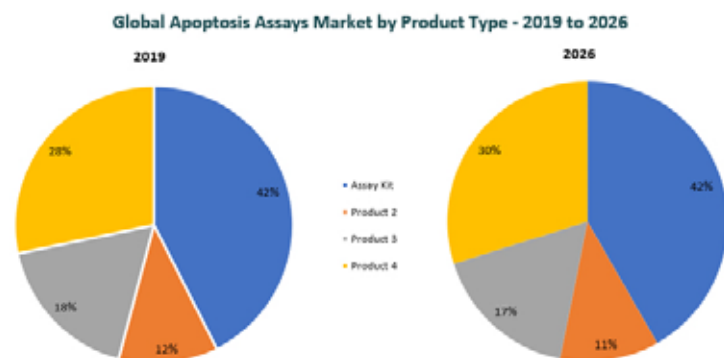
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### Report Synopsis

Drug Discovery & Development is the principal application for Apoptosis Assays, which, however, is anticipated to maintain the slowest CAGR over the analysis period. In contrast, the market for these assays in Stem Cell Research is poised to grow at a rapid pace, owing to the increasing number of stem cell research activities and an increasing investment in the same. Further growth in the market can be expected from government initiatives aimed at increasing the number of cell-based research activities, all of which point to a market for Apoptosis Assays that is flourishing.

While COVID-19 may not have an adverse impact on the market for Apoptosis Assays as anticipated, there is a definite slowdown in demand, which has to be addressed with requisite measures.

Accounting for an estimated share of 42.5% equating to US\$1.7 billion in 2019, Apoptosis Assay Kits lead the demand for Apoptosis Assays globally, which is expected to maintain a 2019-2026 CAGR of 9.9% and reach a projected US\$3.6 billion by 2026. The overall Apoptosis Assays market, globally, expected to touch US\$4.5 billion in 2020.



Source: Industry Experts, Inc. <https://industry-experts.com>

### Research Findings & Coverage

- Global Apoptosis Assays market is analyzed in this report with respect to key product types, detection technologies, applications and major end-use markets
- The study exclusively analyzes the market for apoptosis assays by key product type, detection technology, application and major end-use market in each geographic region/country

- Detection of Early Apoptosis Being Enabled by Flow Cytometry and FTIR Spectroscopy
- Targeted Apoptosis Initiators Developed for Treating Cancer
- Kinetic Imaging and Fluorescent Probes Enable Live Cell Imaging of Apoptosis and Necrosis
- Advancements in Understanding Inhibitor of Apoptosis Proteins
- Key business trends focusing on product innovations/developments, M&As, JVs and other recent industry developments
- Major companies profiled – 32
- The industry guide includes the contact details for 100 companies

### Product Outline

The report analyzes the market for the following key product types of Apoptosis Assays:

- Assay Kit
- Reagent
- Instrument
- Microplate

The market for detection technologies of Renal Dialysis analyzed in this study includes the following:

- Flow
- Cytometry
- Cell Imaging & Analysis System
- Spectrophotometry
- Others

Applications market of Apoptosis Assays is analyzed in this study comprise the following:

- Drug Discovery & Development
- Clinical & Diagnostic Application
- Basic Research
- Stem Cell Research

The study explores the market for the following key end-use markets of Apoptosis Assays:

- Pharmaceutical & Biotechnology Companies
- Hospital & Diagnostic Laboratories
- Academic & Research Institutes

### Analysis Period, Units and Growth Rates

- The report reviews, analyzes and projects the global apoptosis assays market for the period 2017-2026 in terms of market value in US\$ and the compound annual growth rates (CAGRs) projected from 2019 through 2024

### Geographic Coverage

- **North America** (The United States, Canada and Mexico)
- **Europe** (Germany, The United Kingdom, France, Italy, Spain and Rest of Europe)
- **Asia-Pacific** (China, Japan, India, Australia, South Korea and Rest of Asia-Pacific)
- **Rest of World**

## SAMPLE COMPANY PROFILE

### AMGEN, INC. (UNITED STATES)

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 Thousand Oaks, CA 91320-1799  
 Phone: +1 805-447-1000  
 Website: www.amgen.com

#### Business Overview

Established in 1980 and headquartered in California, Amgen Inc., (Amgen) is one of the leading global biotechnology companies, keen in science and innovation to transform new ideas and discoveries into medicines for patients with serious illnesses. The company uses cutting-edge science and technology to study the subtlest biological mechanisms in search of therapies that will improve the lives of those who suffer from serious diseases. Amgen is engaged in discovering, developing, manufacturing and delivering innovative human therapeutics using tools like advanced human genetics to unravel the complexities of disease and understand the fundamentals of human biology. The company left its footprints across 100 countries worldwide offering medicines and therapeutic drugs to fight against serious diseases. The six therapeutic areas include cardiovascular disease, oncology, bone health, neuroscience, nephrology and inflammation. The medicines from Amgen cater diseases for which there are limited treatment options, or they are medicines that provide a viable option to what is otherwise available and in molecular disease roots. deCODE Genetics, a part of Amgen, is an international player in human genetics, is a powerful differentiator, improving to identify and validate human disease targets. Amgen focuses on areas of high unmet medical need and leverages its expertise to strive for solutions that improve health outcomes and dramatically improve people's lives. Bispecific T cell engager (BiTE®) technology from Amgen is a targeted immuno-oncology platform designed to engage patients' own T cells to any tumor-specific antigen, activating the cytotoxic potential of T cells to eliminate detectable cancer. BiTE antibody can be used to treat a wide variety of cancers.

#### Product Analysis

Product	Description
BLINCYTO® (blinatumomab)	BLINCYTO is a bispecific CD19-directed CD3 T cell engager (BiTE®) antibody construct that binds specifically to CD19 expressed on the surface of cells of B-lineage origin and CD3 expressed on the surface of T cells. BiTE antibody constructs are a type of immunotherapy being investigated for fighting cancer by helping the body's immune system to detect and target malignant cells. BiTE antibody constructs help place the T cells within reach of the targeted cell, with the intent of allowing T cells to inject toxins and trigger the cancer cell to die (apoptosis). BiTE antibody constructs are currently being investigated for their potential to treat a wide variety of cancers.

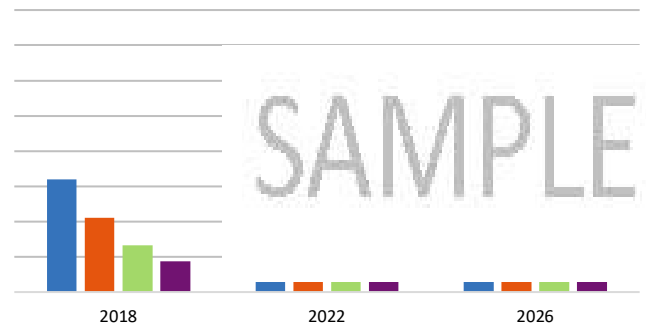
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## SAMPLE TABLE/CHART

Glance at 2019 Global Apoptosis Assays Market Share (%) by Geographic Region – North America, Europe, Asia-Pacific and Rest of World



Global Apoptosis Assays Market Analysis (2017-2026) by Product Type – Assay Kit, Reagent, Instrument and Microplate in USD Million



## KEY PLAYERS PROFILED

- Abbvie, Inc.
- Abcam PLC
- Abnova Corporation
- Amgen, Inc.
- Becton, Dickinson and Company
- Bio-Rad Laboratories, Inc.
- Bio-Techne Corporation
- Biotek Instruments, Inc.
- Biotium, Inc.
- Canvax Biotech S.L.
- Creative Bioarray
- Danaher Corporation
- GE Healthcare
- Genecopoeia, Inc.
- Geno Technology, Inc.
- Liminal Biosciences, Inc.
- Merck KGaA
- Novartis AG
- Perkinelmer, Inc.
- Pfizer, Inc.
- Promega Corporation
- Sartorius AG
- Takara Bio, Inc.
- Thermo Fisher Scientific, Inc.

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