

Microplate Luminometer Market Is Set to Surge at A CAGR Of 3.8% To Reach US\$ 850 Million During the Period 2022-2032

Market Insights on Microplate Luminometer covering sales outlook, demand forecast & up-to-date key trends

NEWARK, NEWARK, UNITED STATES OF AMERICA, June 16, 2022 /EINPresswire.com/ -- Microplate luminometers finds applications in various biochemical, pharmaceutical, environmental and biotechnological sectors which lure manufacturers in the [microplate luminometer market](#). Increasing biotechnology and biochemical research along with increasing increased research and development expenditure by government and manufacturers is expected to propel the growth of microplate luminometer in the market.

Microplate Luminometer Market: Drivers and Restraints

Microplate luminometer are used to detect luminescence assay that are chemical and enzymatic reactions. These reactions uses a substrate and each time a substrate is acted upon, a luminescence is produced which can be detected and measured by microplate luminometer. Microplate luminometer are used for variety of quality check experiments, for example, microplate luminometers measure the amount of ATP in water sample which gives an estimate about the presence of microbes in the sample. Gene expression studies and protein-gene or protein-protein interactions are precisely studied with microplate luminometers. Differential gene expression in identified infectious disease or cancer hold a promising applications for microplate luminometers. Microplate luminometers are also used for quantitative verification and validation of biomolecules or chemical substances.

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Advancing technology and developing biotechnological and pharmaceutical sector is estimated to further fuel the demand for modified and next-gen microplate luminometer in market. Microplate luminometer is anticipated to play a role in personalized medicine, genetics study and cancer research which will promote the drive of microplate luminometer market even more over the forecast period. Rising demand for other assay quantifier devices such as fluorescence microplate reader, microplate absorbance reader, etc. pose a threat for the growth of microplate luminometer market.

Microplate Luminometer Market: Overview

The global market for microplate luminometer is expected to experience fast growth due to increasing demand and adoption of the device by end users. The global microplate luminometer market is segmented into single mode and multimode with respect to product type. Multimode microplate luminometer is expected to register maximum market share in the terms of revenue owing to the additional features incorporated and being suitable to a wide range of samples. On the basis of assay, the global microplate luminometer is segmented into glow type luminescence, flash type luminescence and glow and flash type luminescence, out of which glow and flash type luminescence microplate luminometer is estimated to grow with highest CAGR over the forecast years. As per application, the market is divided into drug discovery, chemical kinetics, quality control and toxicology, bioassay validation and others. According to end users, the global microplate luminometer market is categorized into research laboratories, academic research institutions, biotechnology & biochemistry companies and food and beverage industries. Amongst end users, biotechnology & biochemistry companies are expected to contribute highest revenue during the forecast time.

Microplate Luminometer Market: Regional Wise Outlook

Geographically, global Microplate Luminometer market is classified into regions viz. North America, Latin America, Western Europe, Eastern Europe, Asia-Pacific excluding Japan (APEJ), Japan and the Middle East & Africa (MEA). North America is expected to be the leader in global microplate luminometer market owing to the presence of high demand from the end users. Western Europe microplate luminometer market is expected to register second highest share owing to the increasing adoption of the device and greater expenditure for biological and pharmaceutical research and developmental. The microplate luminometer market in Asia Pacific excluding Japan is expected to expand at good CAGR due to increasing number of end users and presence of manufacturers. MEA microplate luminometer market is expected to register slow growth because of stagnant development in biochemical and therapeutic research.

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Microplate Luminometer Market: Key Players

Some of the major players identified in the global microplate luminometer market are Promega Corporation, Tecan Trading AG, Danaher Corporation, Berthold Technologies GmbH & Co. KG, Thermo Fisher Scientific, Meril Life Sciences Pvt. Ltd., Luminex Corporation, STRATEC SE, SAFAS and MicroDigital Co., Ltd.

Key Segments Covered in the Microplate Luminometer Market Study

Microplate Luminometer Market by Component:

- Multimode Microplate Luminometers
- Single Mode Microplate Luminometers

Microplate Luminometer Market by Assay Type:

- Glow Type Luminescence Microplate Luminometers
- Flash Type Luminescence Microplate Luminometers
- Glow and Flash Type Luminescence Microplate Luminometers

Microplate Luminometer Market by Application:

- Microplate Luminometers for Drug Discovery
- Microplate Luminometers for Chemical Kinetics
- Microplate Luminometers for Quality Control and Toxicology
- Microplate Luminometers for Bioassay Validation
- Microplate Luminometers for Other Applications

Microplate Luminometer Market by End Users:

- Microplate Luminometers for Research Laboratories
- Microplate Luminometers for Academic & Research Institutions
- Microplate Luminometers for Biotechnology and Biochemistry Companies
- Microplate Luminometers for Food and Beverage Industries

Microplate Luminometer Market by Region:

- North America Microplate Luminometer Market
- Latin America Microplate Luminometer Market
- Western Europe Microplate Luminometer Market
- Eastern Europe Microplate Luminometer Market
- Asia Pacific Excluding Japan Microplate Luminometer Market
- Japan Microplate Luminometer Market
- Middle East and Africa Microplate Luminometer Market

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