

In Vitro Toxicity Testing Market Size Is Projected To Reach US\$ 14,940.2 Million with 15.4% CAGR By 2027 | Cyprotex,

SEATTLE, WASHINGTON, UNITED STATES, January 31, 2022
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There are various tests used to test for cytotoxicity, counting the enzyme-linked immunosorbent assay (ELISA), Neutral Red, ATP, MTS, and MTT. In vitro toxicity testing detects applications in the fields of chemicals, food and beverages, pharmaceuticals, household products, and cosmetics.



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The emergence of contagious diseases is likely to drive the growth of the global [in vitro toxicity testing market](#) in the estimated period. For example, the new coronavirus disease (COVID-19) has spread to more than 200 countries, affecting about 2,883,603 people, and as per the World Health Organization, as of April 27, 2020; 198,842 people have died worldwide.

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The growing rate of chronic diseases is likely to provide beneficial growth opportunities for players in the global in vitro toxicity testing market. For example, as per the American Cancer Society, in 2019, approximately 1,762,450 new cancers were diagnosed in the U.S. and 606,880 cancers died.

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Limits of in vitro toxicity testing are likely to hinder market growth. These restraints count the involvement of xenobiotic metabolism in in vitro essays, capturing interactions between different cell types, and problems associated with extrapolating from in vivo doses to in vitro concentrations.

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The global in vitro toxicity testing market value is estimated to be US \$ 4,745.9 million in 2019 and is likely to witness a value of US \$ 14,940.2 million at a CAGR of 15.4% over the estimated period (2020 and 2027). The growing rate of pandemics is likely to drive global in vitro toxicity testing market growth over the estimated period.

In 2019 the global in vitro toxicity testing market is dominated by the exploitation segment, with a 43.5% share in terms of value. The increasing rate of long-term diseases is likely to drive the growth of the department during the estimated period.

The key players in the market focus on adopting M&A strategies to expand their product portfolio. For example, Bio-Rad Laboratories Inc. purchased Celsee, Inc. in April 2020, a developer of equipment and consumables for the isolation, detection and analysis of single cells.

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The key players in the market focus on adopting collaboration and partnership strategies to expand their product portfolio. For example, in January 2020, Charles River Laboratories, Inc. collaborated with Fios Genomics, a provider of bioinformatics data analysis services, to enable Charles River Laboratories to provide clients with drug development with metabolomics, proteomics, next-generation sequencing (NGS), and microarrays. Experts from Fios Genomics will have access to the meta-data linked multi-variant dataset.

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Market key players focus on adopting various marketing strategies to increase their market share. For example, in December 2019, Cyprotex announced that it would offer GIANTmicrobes mitochondria to every customer ordering in vitro toxicology aces between January 2020 and March 2020.

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Key players performing in the global in vitro toxicity testing market are □□□□□□□ □□□., □□□□□□□□

