

Drug Testing Market to Reach USD 21.30 Billion by 2032, Driven by Regulations | SNS Insider

Rising Drug Abuse and Workplace Testing Programs Propel Market Growth

AUSTIN, TX, UNITED STATES, February 21, 2025 /EINPresswire.com/ -- According to Research by SNS Insider, The <u>Drug Testing Market</u> was estimated at USD 13.41 billion in 2023 and is expected to reach USD 21.30 billion by 2032, at a CAGR of 5.29% during the forecast period of 2024-2032.



The Drug Testing Market is witnessing strong growth with the increasing incidence of drug abuse, strict government policies, and growing workplace drug testing programs. Technological advancements in testing equipment, including rapid test kits and analytical equipment, are propelling the market growth. The increasing use of drug testing in hospitals, police departments, and rehabilitation facilities is also boosting demand, setting the market for consistent growth.

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Key Players in Drug Testing Market

- Abbott Laboratories (Alere iCup Drug Screen, SoToxa Mobile Test System)
- Quest Diagnostics (Employer Solutions Drug Testing, Quest Diagnostics Drug Testing Index)
- Laboratory Corporation of America Holdings (LabCorp) (Substance Abuse Testing, LabCorp at Home Drug Test Kits)
- Thermo Fisher Scientific Inc. (CEDIA Drugs of Abuse Assays, DRI Drug Testing Reagents)
- Drägerwerk AG & Co. KGaA (DrugTest 5000 Analyzer, Alcotest 9510)
- Siemens Healthineers (Syva EMIT Toxicology Assays, Viva-ProE System)
- F. Hoffmann-La Roche Ltd (cobas Integra 400 plus, KIMS Drug Testing Assays)
- Bio-Rad Laboratories, Inc. (Tox/See Rapid Drug Screen Cup, Liquichek Urine Toxicology Control)

- Alfa Scientific Designs, Inc. (Instant-view Multi-Drug Screen Test, Oral-View Saliva Drug Test)
- Lifeloc Technologies, Inc. (FC Series Breathalyzers, EV30 Breath Alcohol Tester)
- MPD Inc. (DrugCheck NxStep OnSite Urine Drug Test, DrugCheck SalivaScan Oral Fluid Drug Test)
- OraSure Technologies, Inc. (Intercept Oral Fluid Drug Test, Q.E.D. Saliva Alcohol Test)
- Psychemedics Corporation (Hair Drug Testing Services, PDT-90 Personal Drug Testing Kit)
- American Bio Medica Corporation (Rapid TOX Cup II, OralStat Oral Fluid Drug Test)
- AccuBioTech Co., Ltd. (Multi-Drug One Step Test Panel, Saliva Drug Test Cassette)
- Premier Biotech, Inc. (OralTox Oral Fluid Drug Test, Premier Bio-Cup)
- SureScreen Diagnostics Ltd. (Drugwipe Dual 5 Minute Test, Saliva Drug Testing Kit)
- Wondfo Biotech Co., Ltd. (Multi-Drug Urine Test Cup, Saliva Drug Test Strip)
- Healgen Scientific LLC (Multi-Drug Rapid Test Cup, SalivaScreen Oral Fluid Drug Test)
- Innovacon, Inc. (One Step Drug Screen Test Card, Oral Fluid Drug Test Device)

Market Segmentation Insights:

By Product, the Consumables segment dominated the drug testing market and contributed about 33.29% market share in 2023

Because of the regular demand for testing materials like reagents, assay kits, test strips, and sample collection devices, workplaces, law enforcement departments, and medical centers need to have drug testing procedures carried out with regular replenishment of consumables, thereby guaranteeing steady market demand. Also, the increasing popularity of rapid drug test kits that are based on disposable test kits has played a crucial role in fueling this segment's growth. The growth of point-of-care drug testing and home-based testing solutions has also added to the dominance of consumables. Technological advances in immunoassay and chromatographic methods have enabled more sensitive and precise test kits to be developed, with growing adoption in clinical and forensic uses.

By Sample, the Oral Fluid Samples segment is anticipated to experience the fastest growth in the drug testing market in the forecast years, with a 7.58% CAGR.

The growth is a result of its non-invasive, rapid, and effective sample collection process. In contrast to urine or blood testing, oral fluid testing does not require specialized collection facilities, thus lowering logistical issues and providing higher compliance in workplace and roadside drug testing. Moreover, oral fluid samples can identify recent drug use in minutes to hours and thus are very useful for real-time testing, particularly in law enforcement and workplace safety initiatives. The development in saliva-based immunoassay and chromatographic methods enhanced the sensitivity and accuracy of oral fluid drug testing, rendering it a go-to for many uses. The increasing use of rapid on-site drug testing solutions and regulatory approvals in favor of oral fluid testing is further driving its market growth.

By Drug, the Cannabis/Marijuana segment dominated the drug testing market and contributed

As marijuana use became common, more regulatory attention turned toward workplace and roadside drug testing. As cannabis was legalized for medical and recreational use in various geographies, mandatory drug testing programs have concurrently increased to monitor compliance with workplace safety regulations, law enforcement protocols, and federal transportation regulations. Employers, particularly in safety-sensitive occupations such as transportation, construction, and healthcare, have adopted rigorous marijuana testing policies to ensure a drug-free workplace. The development of cannabis detection technologies like oral fluid, urine, and hair testing has improved the precision and effectiveness of screening, which has increased its demand across industries. Furthermore, the widespread use of cannabis among youth and adults and the fear of impairment-related accidents have also contributed to the dominance of this segment in the drug testing market.

By End Use, the Workplace segment will experience the fastest growth in the drug testing market during the forecast period.

The fastest growth is due to the increasing adoption of stringent workplace drug policies across most industries. Mandatory drug screening programs are being more and more embraced by employers, particularly in safety-sensitive industries like transportation, construction, manufacturing, and healthcare, to create a safe and efficient work environment. Regulatory agencies like the U.S. Department of Transportation (DOT) and Occupational Safety and Health Administration (OSHA), have imposed strict guidelines, further enhancing demand for drug testing in workplaces. The increased adoption of remote work and hybrid work patterns has compelled businesses to implement pre-employment and random drug testing to ensure workplace safety. Legalization of cannabis in various areas has also forced businesses to review and extend their drug testing programs, further driving the segment's fast growth.

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North America dominated the market with 52.25% market share in 2023

Because of strict regulatory policies, high rates of substance abuse, and extensive implementation of workplace drug testing programs, the availability of major industry players, sophisticated healthcare infrastructure, and government support for drug screening also establish the region's market dominance. Moreover, increased application of drug testing in law enforcement, rehabilitation facilities, and the transportation industry supports market growth. Growing needs for quick and efficient testing solutions provide for sustained market leadership within the region.

Asia-Pacific is the fastest-growing region with 6.42% CAGR because of growing cases of drug abuse, heightened government initiatives, and growing healthcare infrastructure. China, India,

and Japan are seeing greater adoption of drug testing in the workplace and stricter regulations to fight substance abuse. Advances in technology, increased awareness, and greater investment in research and development also contribute to market growth.

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