

# **North America Radioactive Tracer Market Forecast to 2030 - Regional Analysis - by Tracer Type [Technetium-99m & Tc-97m, Iodine-131, Iron-59, Lutetium-171, Rubidium (Rb-82) Chloride & Ammonia (N-13), Scandium-46, Seaborgium-269, Hassium-269, Gallium Citrate Ga 67, Prostate-Specific Membrane Antigen (PSMA) (Ga-68), FDDNP (F-18) & FDOPA (F-18), Phosphorus-32 & Chromium-51, Thallium-201, F-18 FDG, F-18 FAPI, Ga-68 FAPI, F-18 PSMA, DOTATOC/DOTANOC/DOTATATE (Ga-68), and Others], Test Type (PET, SPECT, and Others), Application (Oncology, Pulmonary, Neurology, Cardiology, and Others), and End User (Hospitals & Clinics, Diagnostic Centers, Academic & Research Institutes, and Others)**

<https://marketpublishers.com/r/N74AFA93A065EN.html>

Date: December 2023

Pages: 112

Price: US\$ 3,550.00 (Single User License)

ID: N74AFA93A065EN

## **Abstracts**

The North America radioactive tracer market was valued at US\$ 8,139.16 million in 2022 and is expected to reach US\$ 29,331.01 million by 2030; it is estimated to grow at a CAGR of 17.4% from 2022 to 2030.

Increasing Use of Nuclear Imaging Techniques fuel the North America Hair Extension Market

PET and SPECT are among the nuclear medicine radiology modalities employed in clinical settings. Their use is increasing as they offer accurate detection, localization, and characterization of diseases. Ionizing radiation for diagnosis and treatment benefits millions of patients globally. Radiation in medicine helps earlier diagnosis and often offers less invasive treatments for human diseases. Advanced radiation technology has opened new horizons in diagnostic and nuclear medicine, radiotherapy, and interventional radiology. According to World Health Organization, over 3,600 million diagnostic radiology examinations are performed, 37 million nuclear medicine procedures are carried out, and 7.5 million radiotherapy treatments are given annually. The development and introduction of new radiopharmaceuticals for PET/CT and SPECT/CT procedures, which are used in novel clinical applications such as neurology and orthopedics, and the growing accuracy of different tumor staging methods contribute to the growth of the radioactive tracer market. For instance, newly introduced cardiac radiopharmaceuticals such as flurpiridaz F-18 and ammonia N-13 help in more precise imaging of cardiovascular conditions. Thus, constant technological advancements for improving the quality and efficacy of nuclear imaging techniques favor the growth of the radioactive tracer market.

## North America Radioactive Tracer Market Overview

The North America radioactive tracer market is segmented into the US, Canada, and Mexico. In 2022, the US held the largest share of the North America radioactive tracer market. Rising number of patients suffering from chronic conditions and viral diseases, increasing activities in research and development in advanced diagnosis method are the key factors propelling the market for radioactive tracer. Also, the increasing use of nuclear imaging techniques are favoring market expansion.

## North America Radioactive Tracer Market Revenue and Forecast to 2030 (US\$ Million)

### North America Radioactive Tracer Market Segmentation

The North America radioactive tracer market is segmented based on tracer type, test type, end user, application, and country. Based on tracer type, the North America radioactive tracer market is segmented into technetium-99m & Tc-97m, iodine-131, iron-59, lutetium-171, rubidium (Rb-82) chloride & ammonia (N-13), scandium-46, seaborgium-269, hassium-269, Gallium citrate Ga 67, Prostate-Specific Membrane Antigen (PSMA) (Ga-68), FDDNP (F-18) & FDOPA (F-18), phosphorus-32 & chromium-51, thallium-201, F-18 FDG, F-18 FAPI, Ga-68 FAPI, F-18 PSMA, DOTATOC/DOTANOC/DOTATATE (Ga-68), and others. The others segment held the

largest market share in 2022.

Based on test type, the North America radioactive tracer market is segmented into PET, SPECT, and others. The SPECT segment held the largest market share in 2022.

Based on end user, the North America radioactive tracer market is segmented into hospitals & clinics, diagnostic centers, academic & research institutes, and others. The hospitals & clinics segment held the largest market share in 2022.

Based on application, the North America radioactive tracer market is segmented into oncology, pulmonary, neurology, cardiology, and others. The oncology segment held the largest market share in 2022.

Based on country, the North America radioactive tracer market is segmented into the US, Canada, and Mexico. The US dominated the North America radioactive tracer market share in 2022.

Rotem Industries Ltd, Invicro LLC, Cardinal Health Inc, Newcastle University, Novartis AG, Curium, Blue Earth Diagnostics Limited, General Electric Co, and IBA Radiopharma Solutions are some of the leading players operating in the North America radioactive tracer market.

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