

Global Exosome RNA Extraction Kit Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

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Abstracts

According to our (Global Info Research) latest study, the global Exosome RNA Extraction Kit market size was valued at US\$ 343 million in 2025 and is forecast to a readjusted size of US\$ 938 million by 2032 with a CAGR of 15.4% during review period.

An Exosome RNA Extraction Kit is a laboratory tool designed to isolate and purify RNA contained within exosomes (including mRNA, miRNA, lncRNA, etc.) from biological samples such as serum, plasma, urine, or cell culture supernatants. The kit typically uses lysis, precipitation, or column-based purification methods to obtain high-quality and intact exosomal RNA for downstream applications such as qPCR, RNA sequencing (RNA-seq), and biomarker discovery. In 2025, global Exosome RNA Extraction Kit production reached approximately 812,000 units, with an average global market price of around US\$ 410 per unit. Annual production capacity is 1,050,000 units. Gross Profit Margin: 72%. The exosome RNA extraction kit industry chain consists of three main layers: upstream raw material suppliers, midstream manufacturers, and downstream application users. Upstream includes silica membranes, magnetic beads, enzymes, and chemical reagents that determine extraction efficiency and purity. Midstream manufacturers such as Qiagen, Thermo Fisher, and emerging Asian biotech firms integrate these materials into standardized kits with optimized protocols. Downstream demand comes from academic laboratories, oncology research centers, clinical diagnostics developers, and pharmaceutical companies focusing on liquid biopsy and biomarker discovery. This product sits in a high-growth niche driven by precision medicine and RNA-based diagnostics. Although the current market size is still relatively small, demand is expanding rapidly due to increasing use of liquid biopsy and exosome-based biomarkers in cancer research. The key competitive factor is not only technical performance but also reproducibility, workflow speed, and compatibility with

downstream sequencing platforms. In my view, this segment will continue consolidating around a few global leaders while specialized regional manufacturers capture cost-sensitive research demand.

This report is a detailed and comprehensive analysis for global Exosome RNA Extraction Kit market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Sample Type Compatibility and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Exosome RNA Extraction Kit market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Exosome RNA Extraction Kit market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Exosome RNA Extraction Kit market size and forecasts, by Sample Type Compatibility and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Exosome RNA Extraction Kit market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2021-2026

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Exosome RNA Extraction Kit

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Exosome RNA Extraction Kit market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Qiagen, Thermo Fisher Scientific, Bio-Techne, Norgen Biotek, Zymo Research, Macherey-Nagel, Omega Bio-Tek, BioVision, Biocat, Takara Bio, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Exosome RNA Extraction Kit market is split by Sample Type Compatibility and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Sample Type Compatibility, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Sample Type Compatibility

Serum/Plasma-specific

Urine-specific

Cell Culture Supernatant-specific

Universal Biofluid Type

Market segment by Throughput/ Automation

Manual Kits

Semi-automated Kits

Fully Automated System-compatible Kits

Market segment by Sensitivity

Standard Sensitivity? >1 mL?

High Sensitivity? 0.2–1 mL?

Ultra-high Sensitivity?

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