



## Exosome (Pre-isolated) RNA Extraction kit

Cat. No.: EIRK-03

This product is for research use only and is not intended for diagnostic use.

<b>Size</b>	30 reactions; 50 reactions
<b>Storage Conditions</b>	Store separately according to different components of the kit
<b>Shipment Conditions</b>	Gel Pack
<b>Sample Type</b>	Pre-isolated exosomes from various samples including biofluids, culture media supplement, or precipitated, frozen, or freeze-dried pellets.

**Application** Exosomal RNA extraction from pre-isolated exosomes from various samples including biofluids, culture media supplement, or precipitated, frozen, or freeze-dried pellets.

**Product Introduction** This product is responsible for total RNA extraction (miRNA+mRNAs) from pre-isolated exosomes. Pre-isolated exosomes can be achieved by different methods including ultracentrifugation, chemical precipitation, immunocapture, size chromatography, etc. These pre-isolated exosomes are lysed with optimized lysis buffer and the total RNA is purified by spin column. The process is rapid and convenient. The extracted RNA can be directly used for PCR and sequencing without precipitate, concentrate or desalt.

Package Contents	Product Components	30 Assays	50 Assays	Part Number	Storage Conditions
	Lysis Buffer A	15 ml	20 ml	EIRK-03-01	2-8°C
	Lysis Buffer B	7 ml	10 ml	EIRK-03-02	RT
	Wash Solution A	15 ml	15 ml	EIRK-03-03	RT
	Elution Solution A	5 ml	5 ml	EIRK-03-04	RT
	Spin Columns/Collection Tubes 2.0 ml	30	50	EIRK-03-05	RT
	Centrifuge Tubes 1.5 ml	30	50	EIRK-03-06	RT

\* Before use, add 45 ml of absolute ethanol to each bottle of Wash Solution A, mix well, and mark "✓" on the bottle label. Close the cap immediately after each use.

**User Supplied Reagents and Equipment** 96-100% ethanol

**Note!**

- This kit doesn't contain exosome isolation components;
- Each component is stored at a suitable temperature according to requirements, and the validity period is at least one year from the date of purchase;
- The kit should be returned to room temperature before use, and the Lysis Buffer A should be checked for salt precipitation before use. It is recommended to use a 37 °C water bath for 10 minutes before use. Mix evenly without precipitation until the solution is clear;