



Exosome Isolation & Purification Medi Kit (For Serum/Plasma)

Cat. No.: EIK-04

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

Size	10 reactions; 30 reactions
Storage Conditions	2-8°C, Do not freeze!
Shipment Conditions	Gel Pack
Sample Type	Serum/Plasma
Application	Exosome isolation and purification from serum or plasma. This method is simple, easy to operate, suitable for the requirements of the conventional exosomes experiment, and has a wide range of downstream applications, such as particle size analysis, nucleic acid extraction, WB, ELISA, protein mass spectrometry and exosomes labeling.

Product Introduction This product is a rapid and convenient method for the efficient isolation and purification of exosomes from serum or plasma. Each reaction of this kit is based on 1.0 ml serum or plasma as the initial volume. The main principle of this kit is to design and modify the resin that specifically binds to the exosomes according to the membrane structure characteristics of the exosomes (lipid bilayer). The resin achieves the extraction and purification of exosomes by combining with the components of the exosome lipid bilayer, and hardly combining with other proteins in the sample, resulting in relatively pure and complete exosomes.

Package Contents	Product Components	10 assays	30 assays	Part Number	Storage Conditions	Storage Conditions
	Equilibration Buffer	20 ml	60 ml	EIK-04-01	2-8°C	2-8°C
	Binding Buffer	30 ml	50 ml × 2	EIK-04-02	2-8°C	2-8°C
	Washing Buffer	10 ml	30 ml	EIK-04-03	2-8°C	2-8°C
	Elution Buffer	4 ml	12 ml	EIK-04-04	2-8°C	2-8°C
	Spin Columns Containing Resin/Collection Tubes 15 ml	10	30	EIK-04-05	2-8°C	2-8°C

Note!

- This kit is only suitable for the extraction and purification of exosomes from serum or plasma.
- The kit should be returned to room temperature before use.
- Centrifugation shall be carried out at room temperature.
- When transferring the mixture to the purification column, add it slowly, and do not overflow.
- Each reaction of this kit is based on 1.0 ml serum or plasma as the initial volume. When the sample is insufficient, it needs to be supplemented to 500 µl with nuclease-free water,

but the sample size should not be less than 500 μL .
