



*This product can be reused up to 3 times. (Reusable after 1st and 2nd washing processes)*

*Store this product at 4 °C*



● Top cap

● 1<sup>st</sup> Disc

● 2<sup>nd</sup> Disc

● 3<sup>rd</sup> Disc

● Bottom cap

### Recommended Kit

Exo-i S5

### Biological Fluids

Plasma or Serum  
Cell culture media

### Units/Kit

10

*This product contains EtOH and Sepharose/Sephacryl bead*

## I . Sample Preparation

1. Centrifuge plasma, serum, or cell media at 10,000 x g for 30 min at 4 °C and collect the supernatant except the pellet deposited at the bottom of the Ep tube to remove dead cells and debris.

\* In the case of cell culture media that may have a low concentration of exosomes, concentrate the media using MWCO 100 kDa centrifugal filter tube at 5,000 x g, and then perform the above process.

## II. Column Preparation

1. Stand the column vertically and then open the top cap and bottom cap.
2. Wait until all the liquid filling the top of the column disc flow out.
3. Mount the funnel and flow 25 mL of PBS.



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- 1<sup>st</sup> Disc
- 2<sup>nd</sup> Disc
- 3<sup>rd</sup> Disc
- Bottom cap

**Recommended Kit**

Exo-i S5

**Biological Fluids**

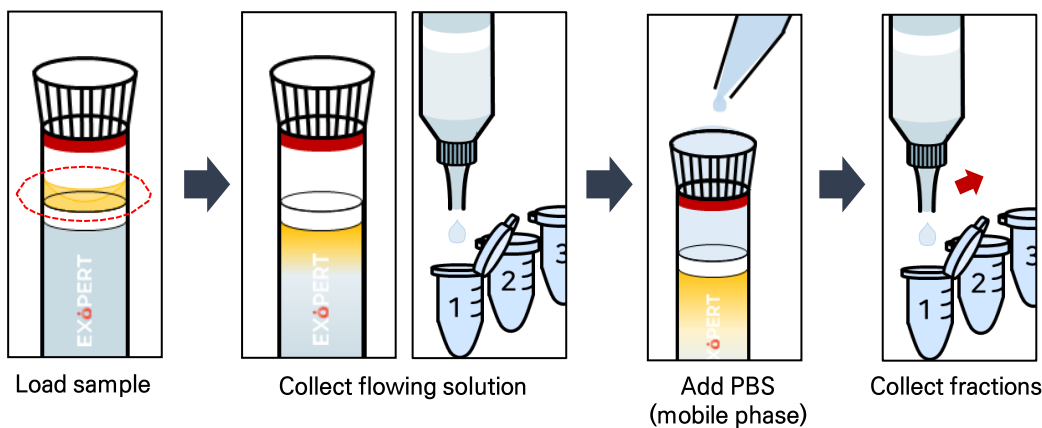
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**III. Exosome Isolation**



1. Stand the prepared column vertically and place the microtubes (> 0.5 mL) on the tube rack.
2. Load 0.5 mL of sample onto the prepared column.
  - ✔ As soon as sample loading, the solution will flow out through the column. [Collect this solution first.](#) This solution is also included in fraction ① to be collected.
3. When the entire sample has soaked into the 1st disc, add PBS onto the top of columns.
4. Receive 0.5 mL of the flowing solution. (Fraction ①)
5. After fraction #1 is collected, replace with a new microtube and repeat until fraction ⑬ is collected.
6. **Cell culture media** Use fraction ⑩ and ⑪ as exosome suspension.  
**Plasma and serum** Use fraction ⑪ and ⑫ as exosome suspension.
7. Close the Bottom cap and finish exosome isolation.

**Research Use Only** This product is for research purposes only. You may not resell the product or use it for a fee or commercial services.