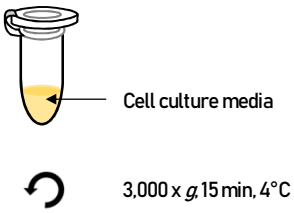
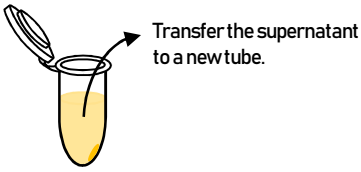
Protocol : XENO-EVIMEDI™ KIT

Cell Culture Media

1. Harvest cell culture media and centrifuge the media at 3,000 × *g* for 15 minutes to remove cells and debris.

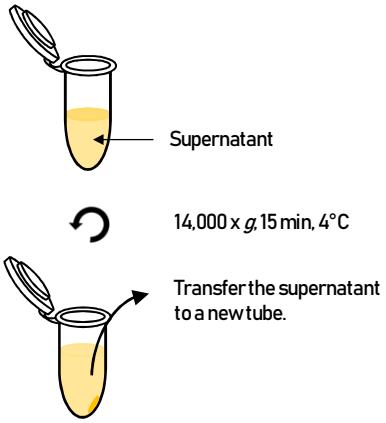


2. Transfer the supernatant to a new tube.

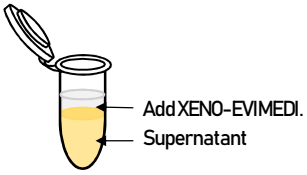


3. To remove large vesicles, centrifuge the supernatant at 14,000 × *g* for 15 minutes at 4°C, then transfer the supernatant to a new tube.

(Option : Pass the cell culture media through 0.22 or 0.45 µm polyethersulfone (PES) filter instead of centrifugation.)



4. Add 0.5 volumes of XENO-EVIMEDI and mix well by gently inverting the tube several times.



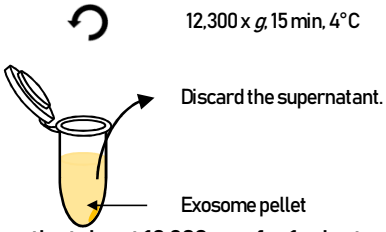
Cell culture media (volume) × 0.5 = *XENO* – *EVIMEDI (volume)*	Cell culture media	XENO-EVIMEDI
	0.5 ml	0.25 ml
	1 ml	0.5 ml
	5 ml	2.5 ml

5. Incubate the mixture at room temperature for 2 hours.

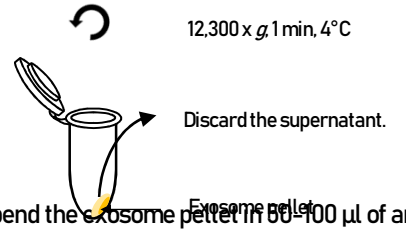
(Note : To obtain the highest exosome yields, we recommend overnight incubation at 4°C.)

6. Centrifuge the mixture at 12,300 × *g* for 15 minutes at 4°C and carefully aspirate the supernatant.

(A small exosome pellet will be located toward the bottom of the tube.)

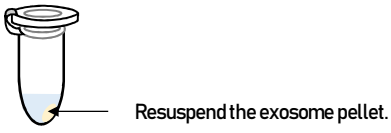


7. Centrifuge the tube at 12,300 × *g* for 1 minute at 4°C and carefully aspirate the remaining supernatant.



8. Resuspend the exosome pellet in 50–100 µl of an appropriate solution for downstream analysis.

(Note : For long-term storage, keep the exosome in the freezer.)



Related Products

Product	Cat. No.
XENO-EVI™ KIT (Plasma Exosome Isolation Kit)	9366-EVI
XENO-EVARI™ KIT (EV RNA Isolation Kit)	EVARI-765

Kit Contents

XENO-EVIMEDI™KIT (Cat. No. 9366-EVI-M)	Amount
XENO-EVIMEDI™	125 ml