

Sample pre-treatment for direct exosome detection on cell culture Protocol.

The sample pre-treatment for direct exosome detection from cell culture supernatant is not recommended for detection of exosomes from body fluids.

Specific sample pre-treatment protocols are available for body fluids (plasma, urine) each optimized for its specific type of biological sample. To ensure that detected exosomes originate from your cells of interest, culture the cells with exosome depleted fetal bovine serum (FBS), because normal FBS contains extremely high levels of exosomes that will contaminate the cell derived exosomes.

1. Centrifuge cell culture supernatant at 200 xg for 5 minutes at 4°C.
2. Discard the pellet.
3. Centrifuge the supernatant at 14000 xg for 10 minutes at 4°C.
4. Discard the pellet.

Sample is ready for exosomes detection. If unexpected staining is observed which cannot be explained by variations in laboratory procedures and a problem with the product is suspected, contact our Technical Services. (tech@immunostep.com).

