

Sample pre-treatment for direct exosome detection on plasma Protocol

The sample pre-treatment for direct exosome detection from plasma is not recommended for detection of exosomes from any other body fluids or cell culture media.

Specific sample pre-treatment protocols are available for urine and cell culture media, each optimized for its specific type of biological sample.

100–1000 µL of plasma typically provides enough exosomes for most standard types of analysis.

1. Centrifuge plasma at 500 xg for 10 minutes at Room temperature.
2. Save the supernatant.
3. Centrifuge plasma at 2000 xg for 10 minutes at Room temperature.
4. Save the supernatant.
5. Centrifuge plasma at 14000 xg for 30 minutes at Room temperature.
6. Save the supernatant.
7. Prepare a 1:2 dilution of the supernatant with HBS-BSA%

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).

