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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.

 $100-1000~\mu L$ 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).

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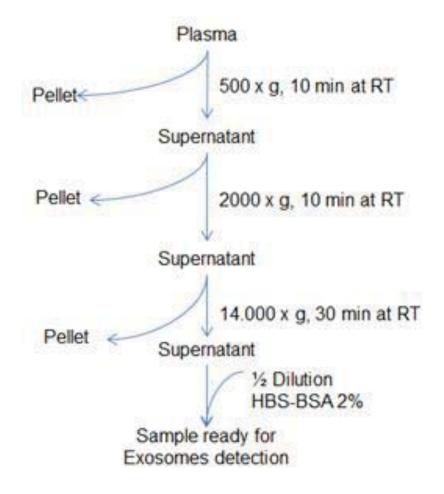
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