PME Exosome Enrichment Kit

The PME Exosome Enrichment Kit is based on a new technology, called PME – Polymer Mediated Enrichment. Addition of PME to any type of biological fluid (e.g. serum, plasma, urine, ascites, cell culture supernatant, fractions from EVs size separation by size exclusion chromatog-raphy (SEC)), efficiently immobilizes exosomes within the net created by a special kind of polymer.

Subsequently, the sample is centrifuged to form a pellet containing PME/exosomes complex. The obtained supernatant contains free proteins of the sample, including microRNA-carrying proteins, like Ago2, HDL or LDL. The exosomes-containing pellet can be resuspended in a dissolving buffer and used directly for downstream applications like microscopy, NanoSight, Western Blot, etc. The PME/exosomes pellet can be also lysed and exosomal microRNAs can be isolated with the use of innuPREP cell-free microRNA Kit. MicroRNAs from the exosome-depleted supernatant, as well as from the starting material can be isolated by the innuPREP cell-free microRNA Kit as well.

Product Name: 845-IR-0010050

Product details

Extract: Exosomes
Reactions: 10 / 50 / 100 / 250 (either or)
Sample type/Starting material: Serum
Plasma
Urine
Cell culture (incl. supernatant or medium)

Specifications:

Starting material

Serum, plasma, urine, ascites, cell culture supernatants or mediums
SEC fractions and other cell-free biofluids from 0.2 ml up to 10 ml cell culture (max. 5 x 10exp6 cells)

Preperation time
Approximately 35-45 minutes

The online shop

Price: € 183.75
Content: 50 reactions