



Innuscreen

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Sensor
Technology

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 chromatography (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 10^{exp6} cells)

Preparation time

Approximately 35-45 minutes

The online shop

Price: € 183.75

Content: 50 reactions