

Capturem™ Exosome Isolation Kit (Cell Culture)

Catalog No.
635723

Amount
6 preps

Lot Number
Specified on product label.

Description

The Capturem Exosome Isolation Kit (Cell Culture) provides a complete solution for the simple and rapid isolation of exosomes from cell culture media. The kit includes six single-use, disposable pre-clearing columns; six single-use, disposable isolation columns; as well as wash and elution buffers. The exosomes are isolated using specially designed Capturem spin columns containing a proprietary, exosome-binding compound which is not antibody-based.

Package Contents

- 6 each Capturem Maxiprep Exosome Isolation Columns (Cell Culture)
- 6 each Exosome Isolation Pre-Clearing Columns
- 70 ml Exosome Isolation Wash Buffer
- 4 ml Exosome Isolation Elution Buffer

Storage Conditions

- Store at room temperature.

Shelf Life

- 1 year from date of receipt under proper storage conditions.

Shipping Conditions

- Room temperature

Product Documents

Documents for our products are available for download at takarabio.com/manuals

The following documents apply to this product:

- Capturem Exosome Isolation Kit (Cell Culture) Protocol-at-a-Glance

Quality Control Data

Functional Test

Capturem Maxiprep Exosome Isolation Columns (Cell Culture)

Exosomes are isolated using a proprietary, exosome-binding compound which is not antibody based. The functionalized membrane maxi spin column is tested for the isolation of exosomes using a solution containing a highly specific ligand for the exosome-binding compound. The ligand concentration is measured using a NanoDrop spectrophotometer for the known absorbance characteristics of the ligand. A standard curve is prepared by plotting absorbance for each standard concentration in mg/ml (1.0–0.1mg/ml). Next, a 1 mg/ml ligand solution is passed through the column twice for binding with the membrane, and the ligand concentration in the flowthrough is measured by applying the linear regression equation from the standard curve to the absorbance

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value of the flowthrough sample. The amount of ligand depleted is calculated by subtracting the amount in the flowthrough from the total amount in the input solution. All columns are verified to deplete ≥ 1800 μg of the ligand, indicating sufficient presence of the exosome-binding compound within the membrane.

Exosome Isolation Pre-Clearing Columns

Pre-clearing columns have been tested by verifying the structural integrity of the columns after centrifugation.

Buffers

The Exosome Isolation Wash Buffer and Exosome Isolation Elution Buffer provided in the kit have been tested for pH and conductivity.

It is certified that this product meets the above specifications, as reviewed and approved by the Quality Department.

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NOTICE TO PURCHASER:

Our products are to be used for **Research Use Only**. They may not be used for any other purpose, including, but not limited to, use in humans, therapeutic or diagnostic use, or commercial use of any kind. Our products may not be transferred to third parties, resold, modified for resale, or used to manufacture commercial products or to provide a service to third parties without our prior written approval.

Your use of this product is also subject to compliance with the licensing requirements, listed below if applicable, and described on the product's web page at <http://www.takarabio.com>. It is your responsibility to review, understand and adhere to any restrictions imposed by these statements.

STATEMENT 273

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