

Exosome Isolation Kit

Product Information

Cat#No# EIK01

Product Overview

Exosome Isolation Kit for Cell Culture Supernatant, Serum, Plasma, Breast Milk, Urine, Saliva, Yeast, Plant.

Description

Exosomes are a type of extracellular vesicles secreted by cells that contain a variety of RNA, proteins, and phospholipids with a diameter of about 30-150 nm. Exosomes play an important role in the transfer of material and information between cells. This exosome isolation kit provides a simple and reliable method to extract intact exosomes from the cell culture supernatant, serum, plasma, Breast Milk, urine, saliva, Yeast, Plant. It is suitable for the isolation of exosomes from the supernatant of a variety of cells. And the exosomes isolated by this kit are comparable to ultracentrifugation with High Purity and High Yield. Moreover, this kit is simple to use and no equipment requirement. Exosomal vesicles isolated by this product are suitable for various downstream applications, such as electron microscopy analysis, NTA analysis, NanoFCM analysis, Western Blot, fluorescence quantitative (qPCR), and high-throughput sequencing, etc.

Applications

It is suitable for the isolation of exosomes from the supernatant of a variety of cells. And the exosomes isolated by this kit are comparable to ultracentrifugation with High Purity and High Yield. Moreover, this kit is simple to use and no equipment requirement.

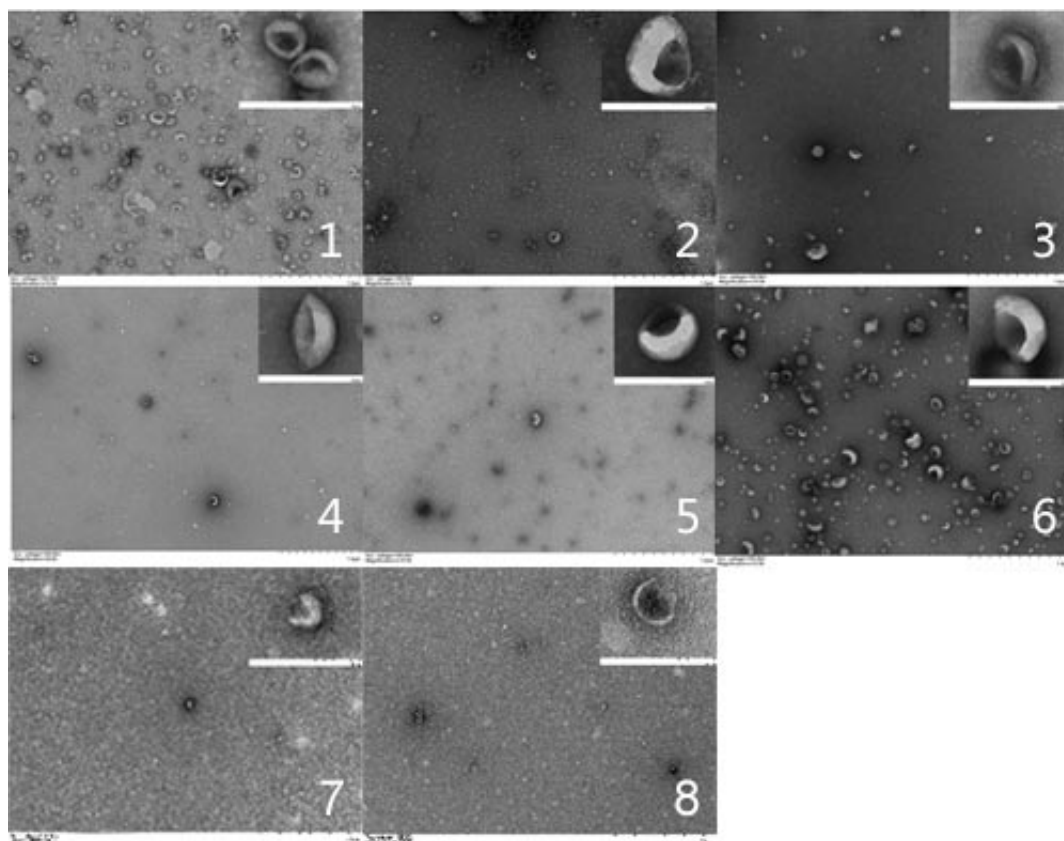
Shelf life

One year from the date of receipt.

Storage

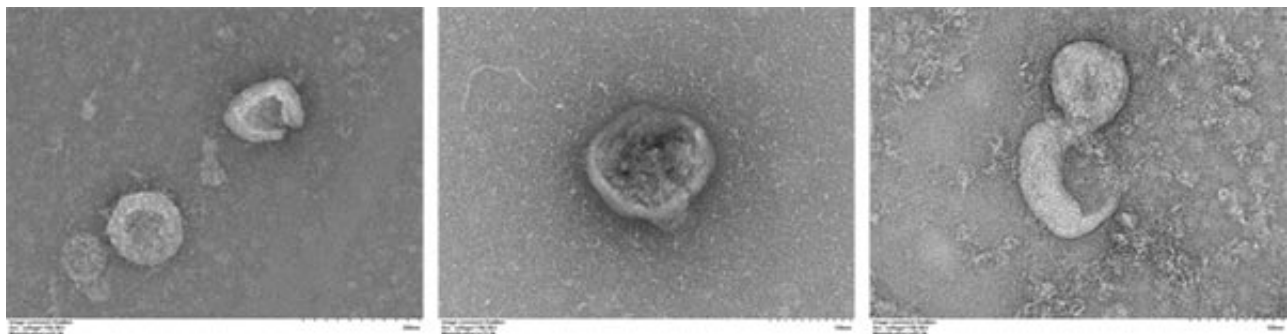
Store at 2-10°C.

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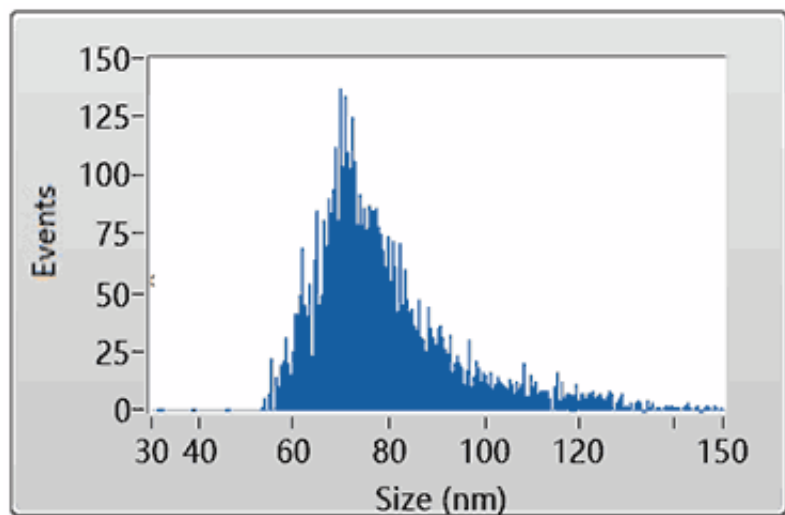


1. Exosomes extracted from Hela cells
 2. Exosomes extracted from serum
 3. Exosomes extracted from plasma
 4. Exosomes extracted from Breast Milk
 5. Exosomes extracted from saliva
 6. Exosomes extracted from urine
 7. Exosomes extracted from pichia pastoris
 8. Exosomes extracted from kluyveromyces lactis
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The exosomes extracted are complete in shape, spherical or dish-shaped, with uniform particles.



Total Events	5200
Gating Events	5191
% of all	99.83
Median	75.25 nm
Mean	79.19 nm
Std Dev.	15.82 nm

There are up to 3×10^{11} particles of purified exosomes per millilitre.