

Exodus Isolation Device User Manual

【Product Name】

Exodus Isolation Device (EID)

【Model and Packaging Specifications】

Model	Specifications
EID-SA01 、 EID-SA03 、 EID-SA08	10 per box,
EID-MA01 、 EID-MA03 、 EID-MA08	5 per box
EID-LA01 、 EID-LA03 、 EID-LA08	2 per box

【Intended Use】

For isolation of exosome from biological samples, with the isolated exosome intended for downstream analysis (e.g., exosome characterizations, biomarker screening, drug loading, therapy, etc.).

【Principle】

Exosome in the biological sample are isolated and enriched based on their size using size exclusion filtration.

【Structure and Main Components】

The product consists of a plastic cartridge and filtration membranes.

【Storage Conditions and Shelf Lives】

Storage Condition: Store at 5 - 40°C.

Shelf Lives: 12 months.

【Instructions for Use】

Transfer the biological sample to EID. Connect the two outlets of the first and second chambers of the device to an instrument capable of providing negative pressure. This will drive the liquid sample in the device to pass through the nanofilter membranes, filtering out contaminants such as free proteins, lipids, nucleic acids, etc., while retaining the exosome in the device. The isolated and enriched exosome can then be used for downstream analysis (e.g., exosome characterizations, biomarker screening, drug loading, therapy, etc.).

【Product Performance】

Volume: The product has a volume capacity greater than 1 mL.

Negative Pressure Resistance: With a negative pressure of -20 kPa, the nanofilter membrane remains intact for at least 10 seconds.

【Precautions】

1. Check the device packaging for any damage before use. Do not use if it is damaged or leaking.
2. Please read this manual carefully. The device should be operated by professionals or trained and qualified personnel.
3. Dispose of the product as medical waste after use.
4. Handle with care during use. Do not use if the chip is dropped.

【Basic Information】

Address: 160 East Tasman Dr., San Jose, CA 95134, USA

Contact: +1 8147778586

After-Sales Service Provider: Exodus Bio

User Manual Compilation Date: April, 2024

Version: 4.0

This product is for research use only.