

# Serum-free medium for Exosome production

## KBM EV Pure

### Product Description

This Product is a medium for producing exosome derived from mesenchymal stem cell. After mesenchymal stem cells are grown in cell culture medium, they can be replaced with KBM EV Pure to efficiently produce exosomes. Any type of cell growth medium is acceptable.

### Feature

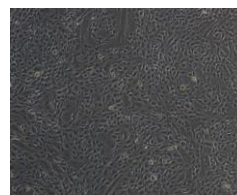
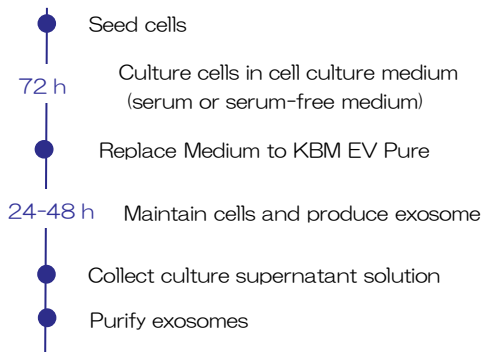
- Animal Origin Free(AOF)and Serum Free culture medium.  
Lower the risk of infectious diseases caused by materials derived from different animal species.
- Low-protein Composition  
As purifying exosomes, contamination of proteins derived from the culture medium can be suppressed.
- Phenol red free
- Chemically Defined medium



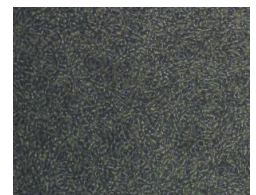
### Applicable cell source of exosome

Canine Adipose-derived MSCs, Canine Bone marrow-derived MSCs, Human Adipose-derived MSCs, Human Bone marrow-derived MSCs, etc.

### Example of use



Immediately after medium replacement



After 48 hours of maintenance

Fig. 1 : Morphology of cells maintained in KBM EV Pure

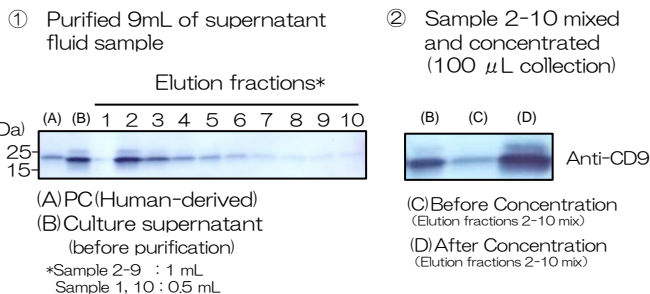


Fig. 2 : Surface marker expression

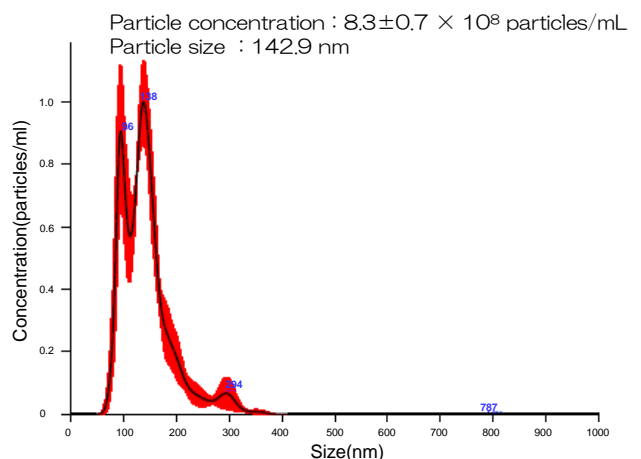


Fig. 3 : Particle concentration and size distribution of EVs

Data Provided by : Prof. Kazuya Edamura, (DVM, PhD), Department of Veterinary Medicine, Nihon University

Product No.	Product Name	Size	Price	Shelf Life	Storage
16050700	KBM EV Pure	500 mL	JPY 30,000	8 months	2-8°C

\* This Product is sold for research purposes only.

