

EXOSOME ISOLATION

ExoCAS-2™

Microgentas ExoCAS-2™系列產品
用以分離Exosome

4大優勢



高回收率
(>90%)



僅需
30min

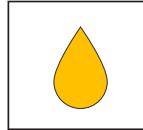


高純度

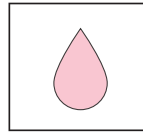


操作簡單

2大產品用於多種樣品



ExoCAS-2 Mini/Maxi
血清、血漿及尿液樣品



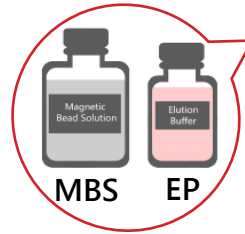
ExoCAS-2 CCM
細胞培養基專用

原理

利用帶正電磁珠 (陽離子聚合物) 吸引帶負電Exosome，收集磁珠洗去基質後，將磁珠與Exosome分離即可得到純化的Exosome

2種Buffer

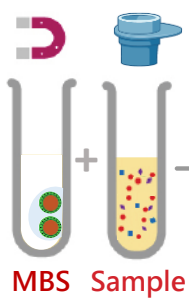
- 1) MBS Magnetic Bead Solution
- 2) EP Elution Buffer



3大步30分鐘快速分離

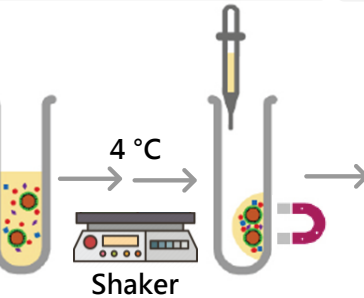
● Exosome ◆ 干擾蛋白質 ● 陽離子聚合物 ☞ 磁座

① Pre-Filter



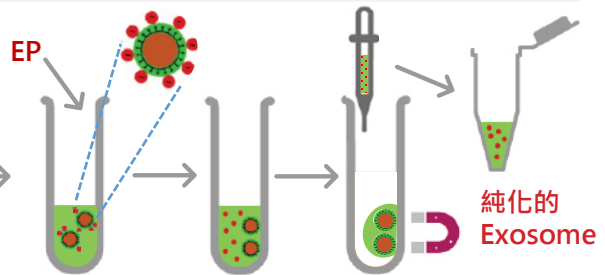
MBS Sample

② Catch Exosomes



4 °C
Shaker

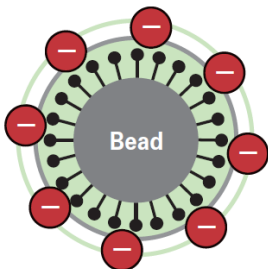
③ Elution



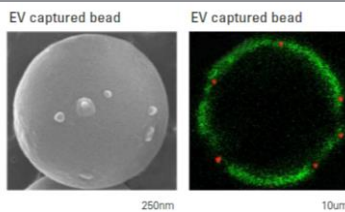
純化的
Exosome

多項檢測數據

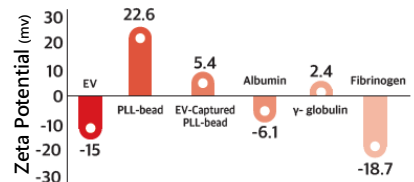
■ 奈米級Exosome聚集在陽離子磁珠上



SEM及螢光圖



Zeta Potential

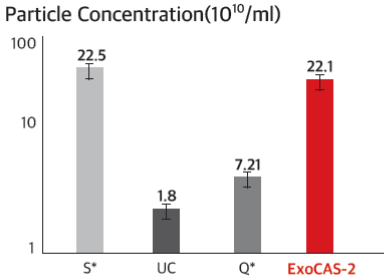


學術論文發表純化效果優於其他方式

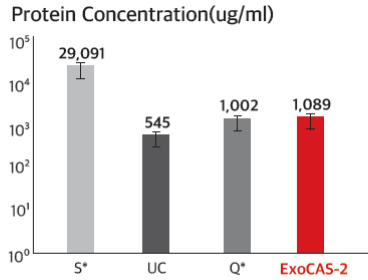
■ 分離效果優於其他純化方式



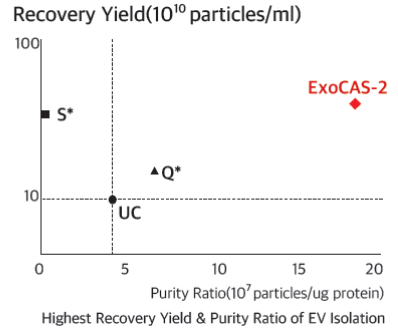
回收量多



蛋白質干擾物低

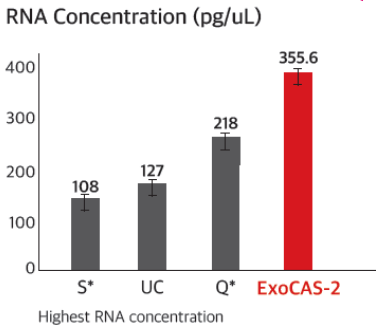


高回收率及高純度

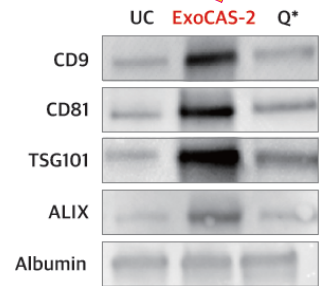
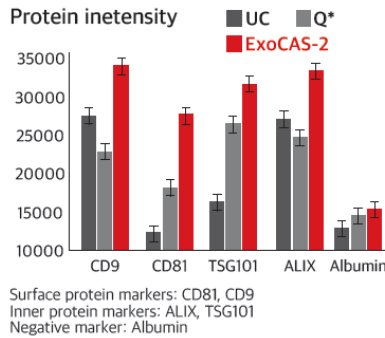


■ 外泌體RNA及特異性蛋白驗證

外泌體RNA濃度高



外泌體特異性蛋白質表現量高



★可搭配Exosome miRNA Kit (miRQuick)使用

J Kim, H Lee, KH Park, S Shin, Rapid and Efficient Isolation of Exosomes by Clustering and Scattering, J. Clinical Medicine, 2020, 9, 650.

H Kim, S Shin, ExoCAS-2: Rapid and Pure Isolation of Exosomes by Anionic Exchange Using Magnetic Beads, Biomedicines, 2021, 9, 28

Product	ExoCAS-2 CCM050 Kit	ExoCAS-2 Mini Kit	ExoCAS-2 Maxi Kit
Application	Cell Culture Medium	Plasma, Serum, Urine	
Tests	50	20	50
Sample : Reagent	4:1	1:1	
Catalog number	71050	70200	70500



富利瀚生物科技有限公司
FoliBio Technology Co.,Ltd.

網址: www.folibio.com.tw

產品諮詢專線: (02)2731-9370

