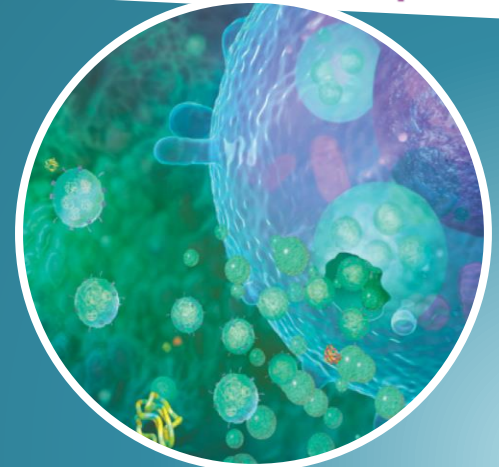


# Exosome

Flow分析外泌體最佳產品



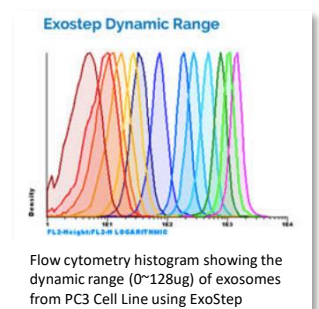
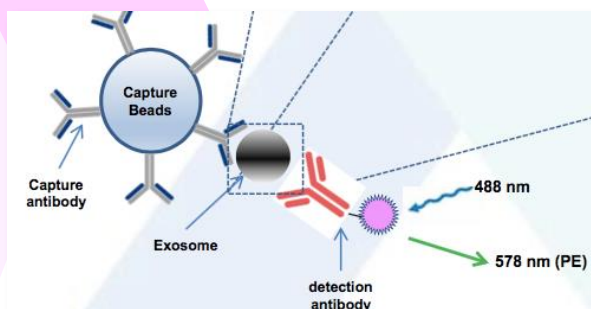
- ExoStep detection kit 人類及小鼠外泌體偵測試劑組
- Standard 各式細胞純化的exosome標準品
- Capture Beads 外泌體抓取磁性微珠
- Detection Antibodies 外泌體偵測抗體
- Secondary Reagents 二級偵測試劑
- Precipitation Solution 外泌體沈澱純化溶液
- Size Exclusion Columns 外泌體分子篩選純化管柱

## Exosome Detection Kits

藉由表面結合anti-CD9 or CD63抗體的磁珠，抓取exosome後，再用已結合螢光PE或Biotin的抗體來辨識exosome，再使用flow簡單地偵測exosome

ExoStep™  
Exosome  
detection kit

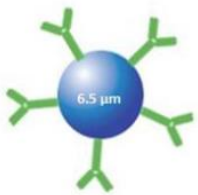
品名	包裝	貨號	產品內容
<b>Human Exosome Detection Kits</b>			
ExoStep™ Cell Culture	25 test	ExoS-25-C9	<ul style="list-style-type: none"> <li>• CD63 Capture Beads,</li> <li>• Primary detection antibody (CD9 PE),</li> <li>• Assay Buffer 10X</li> </ul>
ExoStep™ Plasma	25 test	ExoS-25-P81	<ul style="list-style-type: none"> <li>• CD9 Capture Beads,</li> <li>• Primary detection antibody (CD81 PE),</li> <li>• Assay Buffer 10X</li> </ul>
ExoStep™ Urine	25 test	ExoS-25-U9	<ul style="list-style-type: none"> <li>• CD63 Capture Beads,</li> <li>• Primary detection antibody (CD9 PE),</li> <li>• Assay Buffer 10X</li> </ul>
ExoStep™ Culture + Standard	25 test	ExoS-25-CST9	<ul style="list-style-type: none"> <li>• CD63 Capture Beads,</li> <li>• Primary detection antibody (CD9 PE),</li> <li>• Assay Buffer 10X,</li> <li>• Lyophilized exosomes (<math>1 \times 10^{12}</math>) from PC-3 Human prostate cancer</li> </ul>
ExoStep™ Plasma + Standard	25 test	ExoS-25-PST81	<ul style="list-style-type: none"> <li>• CD9 Capture Beads,</li> <li>• Primary detection antibody (CD81 PE),</li> <li>• Assay Buffer 10X,</li> <li>• Lyophilized exosomes (<math>1 \times 10^{12}</math>) from Human Plasma</li> </ul>
ExoStep™ General Kit	25 test	ExoS-25-G9 ExoS-25-G81	<ul style="list-style-type: none"> <li>• CD63 Capture Beads,</li> <li>• Primary detection antibody (CD9 Biotin) or (CD81 Biotin) ,</li> <li>• Secondary detection reagent (Stvp PE Conjugated),</li> <li>• Assay Buffer 10X</li> </ul>
<b>Mouse Exosome Detection Kits &amp; Antibodies</b>			
ExoStep Mouse	25 test	MO2ExoS-25-C9	<ul style="list-style-type: none"> <li>• CD63 Capture Beads,</li> <li>• Primary detection antibody (CD9 Biotin),</li> <li>• Secondary detection reagent (Stvp PE Conjugated),</li> <li>• Assay Buffer 10X</li> </ul>
Anti-mouse CD9 Antibody	50 ug	MO9BExo-50	Biotin rat anti-mouse CD9 Antibody
Anti-mouse CD9 Antibody	25 ug	MO9FExo-25	FITC rat anti-mouse CD9 Antibody



## Capture Beads for Flow Detection

各式表面結合不同抗體的磁珠產品，讓您用於分離或flow分析 pre-enriched的人類exosome

品名	包裝	貨號
Human IgG1 Capture Beads (Negative Control)	25 test	IGG1CB-25
Human CD9 Capture Beads	25 test	9CB-25
Human CD63 Capture Beads	25 test	63CB-25
Human CD81 Capture Beads	25 test	81CB-25
Human CD326 (EpCAM) Capture Beads	25 test	326CB-25
Human CD274 (PD-L1) Capture Beads	25 test	274CB-25



## Lyophilized Exosome Standards

從不同細胞株分離出來冷凍乾燥的exosome (1x10<sup>12</sup>)，可在 exosome實驗中當作標準品或是控制組

品項	包裝	貨號
Exosomes from PC-3, a human metastatic prostate cancer cell line	100 μg	ExoPC3
Exosome from HT-29, a human colon cancer cell line	100 μg	ExoHT29
Exosome from MCF-7, a human breast cancer cell line	100 μg	ExoMCF7
Exosome from Plasma, a human breast cancer cell line	100 μg	ExoPLASMA
Exosomes from A-375, a human malignant melanoma cell line	100 μg	ExoA375
Adipose-derived Mesenchymal stem/stromal cells (MSCs) derived exosomes	100 μg	ExoMSC

## Exosome precipitation solution

用於從細胞培養液跟生物體液 (plasma, serum, urine)內，分離胞內囊泡extracellular vesicles (EVs) 及 exosomes (~50-150 nm)，可應用於WB, qPCR, nanoparticle tracking analysis, BCA及FCM等分析

品項	包裝	貨號	針對樣品
Exosome Solution	12 ml	EPStep	Cell culture media, Urine
Exosome precipitation from plasma and serum	5 ml	EPStep-PS	Plasma, serum
Exosome precipitation from Plasma + Thrombin	5 ml	EPStep-T	Plasma

## Exosome Isolation: Size exclusion columns

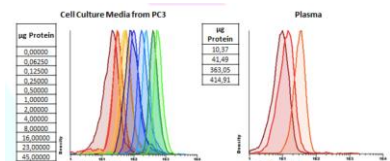
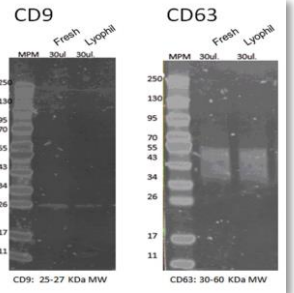
分子篩選純化管柱，被認為透過單一步驟從複雜的生物體液中，快速分離胞內囊泡最有效率的方法，具有非常好的回收率並且幾乎可以完全去除蛋白質和脂蛋白等污染物，column可重複使用

品項	包裝	貨號
<b>EVs SEC-35</b> 12 ml SEC columns, which a diameter of 1.56 cm and 7.9 cm high, packed with a resin for a separation size of <b>35-350 nm</b>	4	SEC3512-4
	8	SEC3512-8
<b>EVs SEC-70</b> 12 ml SEC columns, which a diameter of 1.56 cm and 7.9 cm high, packed with a resin for a separation size of <b>70-1000 nm</b>	4	SEC7012-4
	8	SEC7012-8

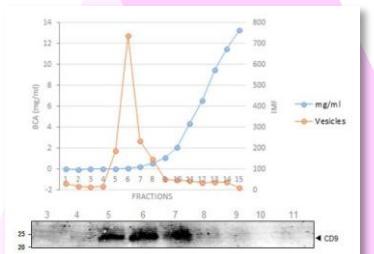
## Detection Antibodies

可用於結合ExoStep kit，使用流式細胞儀分析抗體的螢光而來偵測exosome

品名	包裝	貨號
mouse anti-human CD63 Antibody- Biotin	25 test	63BExo-25
mouse anti-Human CD63 Antibody- FITC	25 test	63FExo-25
mouse anti-human CD63 Antibody- PE	25 test	63PEExo-25
mouse anti-Human CD63 Antibody- CF Blue	25 test	63CFExo-25
mouse anti-human CD9 Antibody- Biotin (clone: VJ1/20)	25 test	9BExo-25
mouse anti-human CD9 Antibody- Biotin (clone: HI9a)	25 test	9B2Exo-25
mouse anti-human CD9 Antibody- CF-Blue	25 test	9CFExo-25
mouse anti-human CD9 Antibody- FITC	25 test	9FExo-25
mouse anti-human CD9 Antibody- PE	25 test	9PEExo-25
mouse anti-human CD81 Antibody- Biotin	25 test	81BExo-25
mouse anti-human CD81 Antibody- CF-Blue	25 test	81CFExo-25
mouse anti-human CD81 Antibody- FITC	25 test	81FExo-25
mouse anti-human CD81 Antibody- PE	25 test	81PEExo-25
mouse anti-human CD274 Antibody- Biotin	25 test	274BExo-25
mouse anti-human CD326 Antibody- Biotin	25 test	326BExo-25
mouse anti-human CD326 Antibody- FITC	25 test	326FExo-25
mouse anti-human CD326 Antibody- PE	25 test	326PEExo-25



FCM分析經本產品分離純化出的exosome，結果與不同量exosome呈現相關性



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