# Protein low adsorbent
# ProteoSave™

A unique hydrophilic polymer is uniformly applied to the inner surface of ProteoSave™ product to prevent sample adsorption.

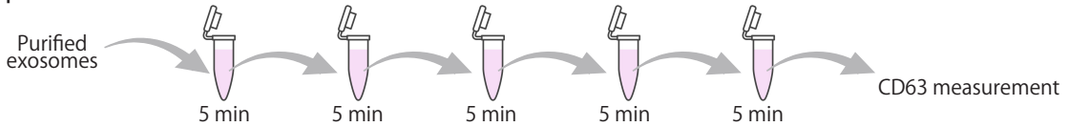
Covalently bonded polymers provide solubility resistance, heat resistance, and cold resistance.

## Exosome recovery comparison experiment

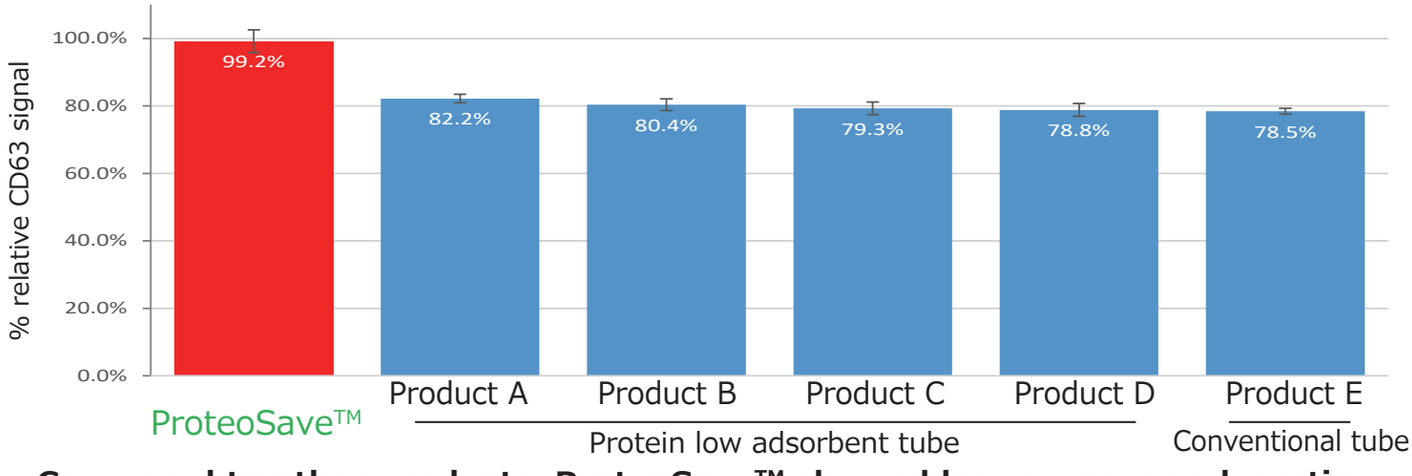
Exosomes, which are extracellular membrane vesicles, play an important role in intercellular signal transduction. They are also considered to be involved in cancer progression and metastasis. However, it is known that exosomes adhere to the wall surface of plastic tubes and affect the yield. It is important to efficiently recover exosomes when conducting exosome research. We investigated the recovery rate of exosomes using ProteoSave™ and compared it with other products.

【Materials】 Purified exosomes derived from PC-3 cells (System Biosciences)
CD63-Capture Human Exosome ELISA Kit (Fujifilm Wako)
ProteoSave™ (MS-4265MZ), microtubes from different companies

【Method】
Exosomes were dispensed into tubes from each company, allowed to stand for 5 minutes, and then transferred to another tube 4 times. Changes in the amount of exosomes before and after the transfer process were examined. The amount of exosomes was measured.




【Results】




**Compared to other products, ProteoSave™ showed less exosome adsorption**

**ProteoSave™ is useful for reducing exosome adsorption.**

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