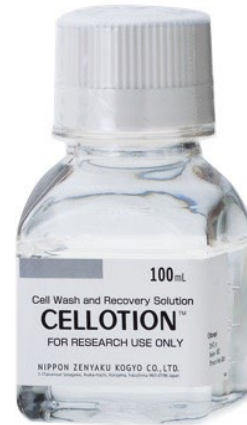


CELLOTION®
(Cell wash and recovery solution)
****Serum-Free, Chemically Defined****
****For Research Use Only****
Manufactured By
ZENOGEN PHARMA CO., LTD.

Cat#: 11918
Size: 100mL
Storage Temperature: 2 to 8°C
Expiry Date: 3 years from manufacturing date (see label)
Manufactured By: Zenogen Pharma Co., Ltd



Why choose CELLOTION® Cell wash and recovery solution

A row of cell washes for each cell isolation or post-thawing manipulation may cause plenty of cell loss, particularly if the process conducted only with serum and protein-free medium. Imagine that as much as 40% of your valuable cells may go down into the drain unawarely every time after cell wash, CELLOTION® ensures you with better yields of cells.

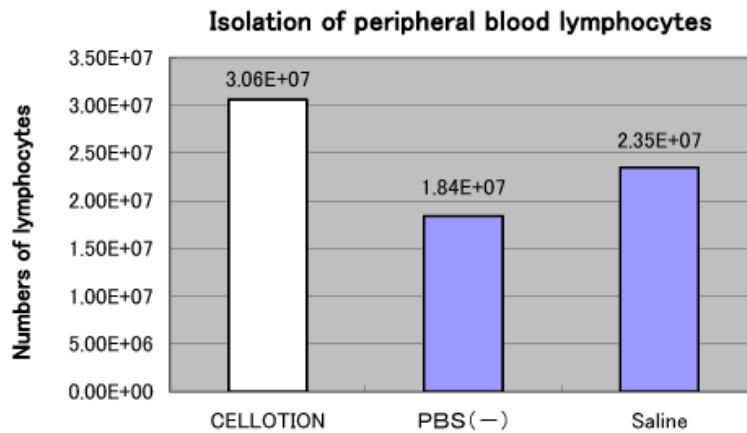


Figure 1. Comparative Analysis of CELLOTION Cell Wash and Recovery Solution vs. General-use Cell Wash Technologies

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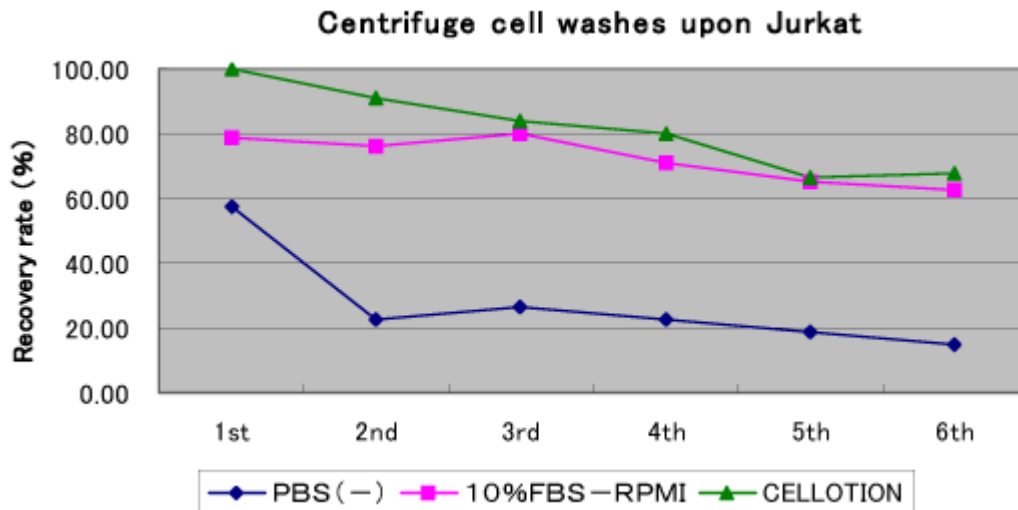
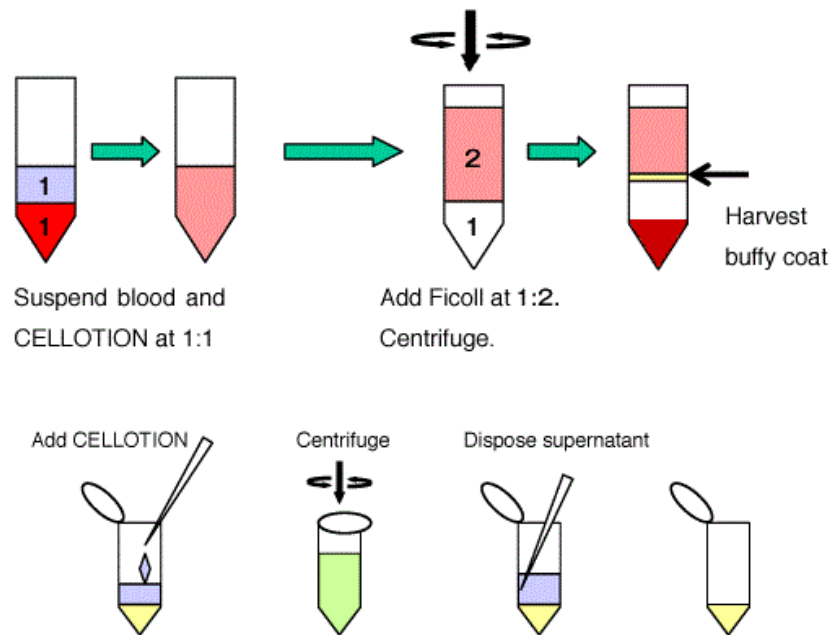


Figure 2. Comparative Analysis (multiple washing procedures) of CELLOTION Cell Wash and Recovery Solution vs. General-use Cell Wash Technologies

Protocol:



1. Gently dilute the peripheral blood or umbilical cord blood (UCB) with CELLOTION® Cell Wash and Recovery Solution 1:1.
2. In a new tube add Ficoll then the blood prepared in step 1. Blood should be added gently, layering on top of Ficoll. Do not let it mix. The amount of Ficoll to blood should be 1:2.

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3. Centrifuge the tube for 30 minutes at 1,800 rpm, at room temperature.
4. Collect the buffy coat (monocytes layer) carefully with a sterile pipette tip. Avoid pipetting Ficoll as much as possible.
5. Gently dilute the cells with CELLOTION[®], then wash 2 - 3 times in CELLOTION[®].
6. Count the number of cells.

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Iwai North America Inc.

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