

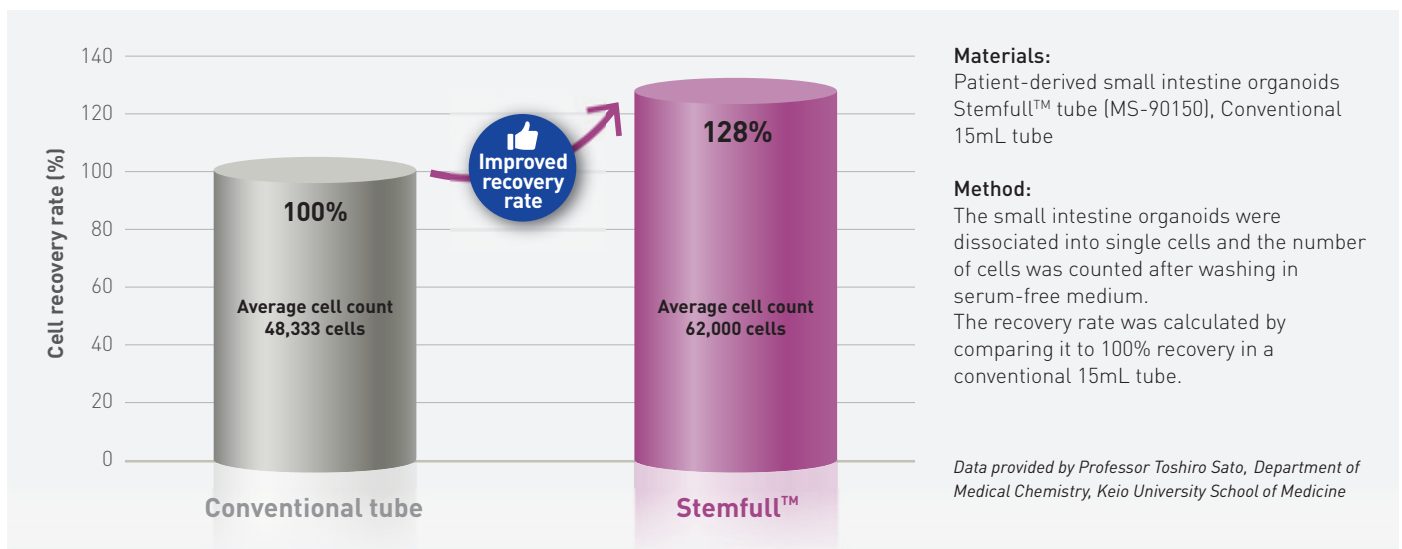
STEMFULL™

Cell recovery improvement of adherent cells

Comparison data of single-cell recovery from small intestinal organoids

Organoids and tissues produced by regenerative medicine as an alternative to organ transplantation have been attracting attention in recent years. It is expected that transplantable organoids can exhibit similar functions to native organs and organoid passaging is required to expand functional organs. In the meantime, single-cell analysis of organoids could

contribute to understanding pathogenic mechanisms of diseases such as cancer and the development of new treatments. As organoid research progresses, efficient recovery of valuable cells in organoid passaging and single cell analysis is becoming increasingly important.



Temperature Resistance: -80°C ~ 40°C. Centrifuge speed: 4,640 G, 10 min.
(Internal data: Swing rotor with rubber cushion) Reference values, not guaranteed

Features

- Superhydrophilic polymer coating to prevent cell adhesion to the tube walls and provide high recovery of cells after centrifuge
- The superhydrophilic polymer is covalently bound to tube surface to minimize its elution amount
- PET resin provides excellent transparency for efficient centrifugal separation and collection operations

Cell lines published

- ✓ mesenchymal stem cell
- ✓ Corneal epithelial cell
- ✓ Intestinal cell
- ✓ Periodontal ligament cell