

VitroGel® Cell Recovery Solution

Catalog Numbers:
MS03-100 (100 mL)

Usage restrictions: For Research Use Only. Not For Use In Diagnostic Procedures.

PRODUCT DESCRIPTION

VitroGel® Cell Recovery Solution is a ready-to-use, enzyme-free solution to harvest 2D or 3D cultured cells from VitroGel hydrogel fast and safely. The solution can recover cells from VitroGel in 15 minutes.

VitroGel Cell Recovery Solution is room temperature stable, has a neutral pH and works at 37°C operating temperature. The solution can maintain high cell viability during the recovery process. Recovered cells can be sub-culture in both 2D and 3D culture.

The VitroGel Cell Recovery Solution can be used before or after the fixation and stained preparation of hydrogel specimens to ensure high quality of downstream data analysis.

Specifications	
Use	Recover cells from VitroGel hydrogel
Downstream	Recovered cells can be sub-culture in both 2D and 3D culture.
Formulation	Enzyme-free
pH	Neutral
Physical State	Liquid
Color	Clear
Storage	Room temperature (+15-30°C)
Stability	30 months from date of manufacture

GUIDELINE FOR USE

[Download the full handbook for detail usage at www.thewellbio.com/handbook](http://www.thewellbio.com/handbook)

(Using 24 well-plate, 300 µL gel/well as an example)

1. Add 6 mL VitroGel Cell Recovery Solution to a 15 mL centrifuge tube. Warm the solution to 37 °C.
2. Take the cells out of the incubator and remove the medium covering the top of the hydrogel.
3. Add 1 mL warm VitroGel Cell Recovery Solution to the well and use a spatula to detach the hydrogel from well plate.
4. Transfer the hydrogel to the 15 mL centrifuge tube containing the warm VitroGel Cell Recovery Solution from step 1.
5. Rinse the well with 1 mL warm VitroGel Cell Recovery Solution and combine the solution in the centrifuge tube.
6. Rock the centrifuge tube for 20 times and then put back to the water bath for 2-3 min. Repeat this step for 3-5 times.
7. Centrifuge at 1,200 rpm for 5 minutes at room temperature and discard supernatant and collect the cell pellet.
8. OPTIONAL: Warm additional 6 mL VitroGel Cell Recovery Solution to 37°C. Resuspend the cells and repeat steps 6 and 7 if necessary.

RELATED PRODUCTS

- All versions of VitroGel - www.thewellbio.com/hydrogels
- VitroGel Dilution Solution TYPE 1 (MS01-100)
- VitroGel Dilution Solution TYPE 2 (MS02-100)