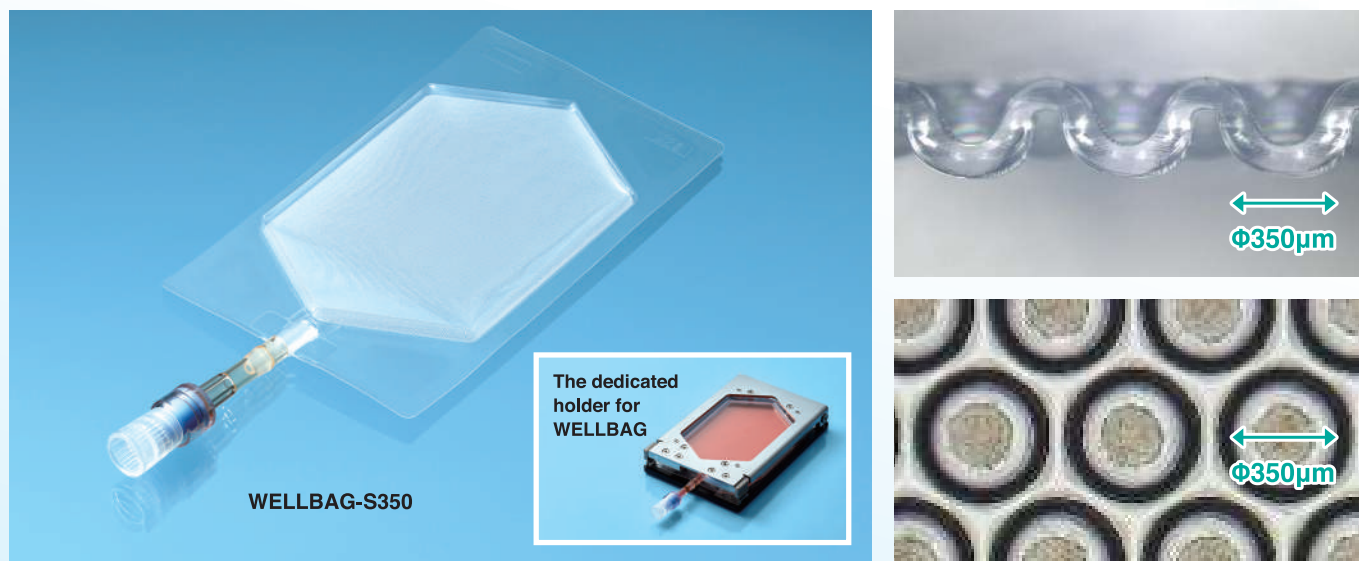


# WELLBAG-S350

Now  
on  
sale

WELLBAG-S350 has 32,000 microwells with a well diameter of 350 $\mu$ m. The size of the bag is the same with WELLBAG-S500, so the same dedicated holder can be used. Since this product has the same well diameter with a large size WELLBAG: WELLBAG-L350, it can be used for scaleup studies.



## Features

- ① Low contamination risk due to the closed system
- ② Mass culture of uniform size spheroids
- ③ Efficient recovery of formed spheroids
- ④ Easy gas exchange during culture by using highly gas permeable film
- ⑤ Spheroid migration can be prevented by using a dedicated holder
  - ※The size of the bag is the same with WELLBAG-S500, so the same dedicated holder can be used.
- ⑥ Safety standards according to the Japanese Pharmacopoeia
- ⑦ To remove air bubbles in the wells, incubation method is recommended.
  - ※Please refer the operation manual of WELLBAG for details.

Closed  
system

A large number  
of uniform size  
Spheroids

Easy recovery  
of spheroids

For the Research and Development,  
Manufacturing of Cell Therapeutics



Toyo Seikan Group Holdings, Ltd.

## Comparison of WELLBAG-S350 and WELLBAG-S500

	WELLBAG-S350	WELLBAG-S500
Size	72 mm×120 mm	
Material	Polyethylene with non-cell adhesion coating	
Culture Area	50 cm <sup>2</sup>	50 cm <sup>2</sup>
Culture volume	10~20 mL	10~20 mL
Well diameter	350 μm	500 μm
Number of wells	ca.32,000	ca.18,000



※WELLBAG-S350 is stamped with 32K on the seal of the bag.

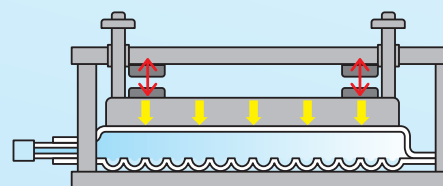
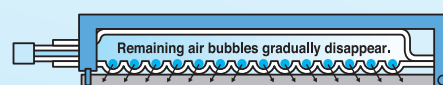
## Suitable for the scale up study of spheroid culture

- The large size WELLBAG: WELLBAG-L350 has a culture area of 1,000cm<sup>2</sup> and 650,000 wells with a diameter of 350μm. Standard medium volume is 400ml.
- WELLBAG-S350 has a culture area of 50cm<sup>2</sup> and 32,000 wells with a diameter of 350μm. The standard medium volume is 20ml, which is approximately the same amount of medium per well as the large size WELLBAG.

## Air bubble removal for WELLBAG-S350

- Incubation method is recommended. It takes about a half day to remove air bubbles by this method.
- By placing this product filled with the specified amount of culture medium in a special holder and leaving it overnight in an incubator set at 37°C. Air bubbles in the wells will naturally be released to the outside of the bag.
- Seed the cell suspension into the bag from which air bubbles have been removed.

※Because the well diameter of S350 is smaller than that of S500, it is difficult to remove air bubbles manually.



Note : The use of WELLBAG to insulin-producing cells including pancreatic precursor cells may be restricted depending on the intended use. So, please contact the manufacturer or a distributor in advance for this use.



Business Management Group, Business Innovation Office  
2-18-1 Higashi-Gotanda, Shinagawa-ku, Tokyo, Japan  
Tel : +81-3-4514-2305 Fax : +81-3-3280-8121  
(MAIL) [bis\\_innov\\_wellbag@tskg-hd.com](mailto:bis_innov_wellbag@tskg-hd.com)  
(URL) <https://www.tskg-hd.com/cellsolut/>

※The contents are subject to change without notice. Please note this in advance.

## Dealer :



Nacalai USA, Inc.  
6625 Top Gun Street, Suite 107,  
San Diego, CA 92121  
Email: [info@nacalaiusa.com](mailto:info@nacalaiusa.com)  
Tel: 858 404 0403  
Website: [www.nacalaiusa.com](http://www.nacalaiusa.com)