

Product SUS000	Glass tissue culture bottle
Product Classification	Glass-Container class
Product specifications	Glass tissue culture bottle is a glass container designed specifically for plant tissue culture, mainly used for cultivating plant cells, tissues, and micro propagation materials
Product characteristic	1. Smooth and transparent surface with high transparency, conducive to plant growth and observation during cultivation 2. Resistant to high temperature and high pressure of 121 °C, suitable for sterile cultivation of bottle seedlings, and can be reused for <i>Aspergillus niger</i> 3. Available in different capacities, with two choices of breathable and sealed covers to meet diverse needs 4. Sealed caps are suitable for short-term preservation and cultivation of germplasm resources or callus tissues, oscillation culture of liquid media, and cultivation of plant materials in anaerobic environments 5. Breathable caps are suitable for plants with long cultivation cycles and multiple subcultures. They are also suitable for solid medium cultivation to avoid the growth of miscellaneous bacteria caused by high humidity 6. The bottle cap is designed with anti slip patterns, making it easy for experimenters to open and close while wearing gloves, reducing operational errors 7. The bottom of the bottle has a circular anti slip pattern base, which can ensure the stability of operation on the table and improve the anti slip performance during transportation
Product structure	The bottle body is made of glass material, and the bottle cap is made of polypropylene material
Product photo	  
Method of application	1. According to the experimental requirements, select a suitable size of tissue culture bottle 2. After preparing the culture medium, it is packaged and sterilized under high temperature and high pressure 3. In a sterile environment, plant tissue is inoculated onto the culture medium and placed at a reasonable distance based on whether the variety is the same and the size of the plant tissue. It is recommended to place 1-10 plants 4. Place the inoculated tissue culture test tube into the culture room or incubator and adjust the appropriate temperature, humidity, and light conditions

	5. Regularly observe and record growth during the cultivation period, and adjust cultivation conditions in a timely manner
Precautions	1.Pay attention to aseptic operation throughout the process to avoid cross contamination 2.After use, the tissue culture bottle should be washed promptly for future use.