

Q&A (cell culture flask/dish/plate)

1. What does TC-treated mean in the product name?

"TC-treated" means "TissueCultured" to treat the surface. PakGent helps cells adhere to the wall by improving the hydrophilicity of the surface of the corona discharge polystyrene (PS) to improve the adhesion of the proteins required for cell adhesion.

2. Which surface should I use to culture the suspended cells?

There is no need for cell adhesion in suspension cells, and generally untreated surface culture consumables can be used. Suspension cells can also be cultured on the TC-treated surface, but some cells may adhere to the wall depending on the state and type of cells.

3. What certificates do PakGeny have for cell culture products? Is there a medical device registration?

PakGent cell culture consumables are only used for scientific research, and there is no registration certificate related to medical devices or drug packaging materials. We can provide ISO quality certificate of production factory and quality certificate of each lot of products.

4. I want to coat myself with extracellular matrix. Which surface culture consumables should I choose?

You can choose to self-coat the culture vessel on the untreated surface with the extracellular matrix. Of course, the utensils on the surface of the TC treatment can also be used in this case.

5. How should the cell culture flask with plug cap be used? What is the difference between the use of the vent filter cap?

The cell culture flask with the plug cap provided a closed cell culture environment. If the cell culture flask needed to be connected to the air in the incubator, the cap should be loosened slightly after the culture flask was placed in the incubator to allow air entry. Similarly, when taking out, it is necessary to tighten the cap before taking out. The vent filter cap itself has the function of air permeability, and the filter membrane can prevent microbial contamination. Therefore, when using, you can directly tighten the flask cap into the incubator, but you need to pay attention to not wet the filter membrane on the flask cap, and the wet filter membrane can not ensure the gas through.

6. What do I often hear about T25 and T175?

Taking T25 as an example, it refers to a cell culture flask with a growth surface area of 25cm². According to the type of flask cap and different culture surface, different products are corresponding to different product numbers.

7. The cell culture flask/dish I purchased is not vacuum-packed, and the bag looks loose. Is there a quality problem?

PakGent's cell-culture consumables were not vacuum-packed but were manually aspirated for ease of transport, so discrepancies may have occurred. In addition, the temperature and air pressure in different regions will also affect the tightness of the packaging. If there is no air leakage in the packaging and the lid does not fall off from the product, it will not affect the sterile performance and product quality of the product, please feel free to use. If the packaging is damaged or the lid is falling off the product, please take a photo and file a complaint through your dealer, and please be careful to provide a photo of the outer case of the product. When you receive the goods, please carefully confirm whether the outer case is damaged or deformed.

8. I used PakGent's culture flask/dish/plate, and the cells did not adhere to the wall. Is it a product quality problem?

There are many factors leading to cell non-adherence, such as medium composition and pH value, culture environment, digestion operation, cell type, cell passage and so on. If you use the same product number for a long time to culture the same cell line and the cells do not adhere to the wall before, it is recommended that you record the batch number of the product used in the two cases in time, and repeat the parallel experiment, that is, use the cells from the same source on the two batches of consumables for culture (pay attention to the use of the same source of medium). Cultures were grown in the same incubator to determine the main reason for nonadherent cells.

9. The color of the culture flask/dish/plate I purchased this time is yellow than that of the last time, is it the product quality problem?

Normal. Due to the particularity of the sterilization process, the dose absorbed by the product during the sterilization process is not consistent, which will lead to a slight difference in the color of the product. However, this does not affect the sterility of the product. All our sterilized products have been verified for sterilization, and we can provide a report.
