

SpheroX[®] 24kit Ultra-low adhesive orifice plate

Instruction manual

Applicable product Catalog : EFL-SP201

SpheroX[®] 24kit The suit is an ultra-low adhesive orifice plate launched by EFL. The product forms an ultra-thin hydrophilic coating on the surface of the pore plate through nanocoated technology, which significantly reduces protein adsorption and makes the cell unable to carry out adherent growth.

SpheroX[®] The ultra-low adhesion surface of the product can be used for the application research of cell spheres and organoids, as well as for the cell inoculation culture of 3D scaffolds and microcarriers.

Component

Component	Character	Specification	Note
24 Well Cell Culture Plate	Flat bottom	4 pieces	Sterile product
Anti-adherent Coating Solution	Colorless & Transparent	50 mL	

Storage

Room temperature; Production date and expiry date see package.

Orifice plate covering

1. An anti-adhesion coating solution was added to the **SpheroX[®] 24kit** perforated plate. (200~300 μ L/ well, avoid bubbles when adding liquid)
2. Put the orifice into the carbon dioxide incubator and let stand for no less than 10min; (Better if left overnight)
3. After the culture plate was removed and the coated solution was sucked up, cell inoculation could be carried out. (Completely remove the liquid)

Cell inoculation and culture of 3D scaffolds, microcarriers and microspheres

The extremely low adhesion of **SpheroX[®] 24kit** inhibits cell migration to the well coated perforated plate, significantly improving the cell inoculation efficiency of the scaffold.