CYCV2301-CHANGYU Plate Spreading Glass Beads (Specially Sterilized)

Contents	CYCV2301	Storage
Plate spreading glass beads	About 150 plates	Store dry at room temperature

Description

Plate spreading glass beads provide an efficient and rapid method for spreading microbial cultures such as *E. coli* and yeast cultures. The beads are specially made round glass beads, smooth and uniform, in sterile packaging, with a specially treated surface that leaves no culture residue. Compared with traditional methods, spreading with glass beads causes less damage to bacteria, spreads the culture more evenly, reaches the plate edge that traditional spreading cannot reach, and improves transformation efficiency. Several plates can be spread at the same time, greatly reducing operating time and workload. The beads can be sterilized repeatedly and used many times.

Features

1. Even: the culture is spread evenly.

2. Efficient: several plates can be spread at the same time.

3. Economical: can be sterilized repeatedly and used many times.

Sterilization

Wash the glass beads with laboratory deionized or purified water, autoclave, and dry in an oven before reuse.

❖ Procedure

1. Add several sterile glass beads to a solid agar plate already containing culture. For a 9 cm plate, 6-8 beads per plate are recommended.

2. Close the plate lid and shake the plate quickly on the surface of the clean bench, horizontally back and forth and left and right, for about 10 sec each, for better spreading.

Note: If there is condensation on the lid, pour it off or let it dry to prevent contamination during spreading. Before use, placing the plate in a 37 °C incubator for 2 hours to remove moisture is recommended; the culture is then absorbed quickly and spreading time is shortened. To spread several plates at once, stack the plates containing glass beads and shake them together.

3. When the culture on the agar surface has dried, pour out the glass beads and close the lid for subsequent culture.

Note: The glass beads are in sterile packaging; use them in a sterile environment. After use they can be soaked in 20% ethanol. After all beads have been used, wash them together, autoclave, and dry in an oven for reuse.

This product is furnished for LABORATORY RESEARCH USE ONLY. NOT FOR HUMAN OR DRUG USE.